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CIN : U27100PB2003PLC026583

ALLIED RECYCLING LIMITED

MFRS. OF : ALLOY & NON ALLOY STEEL BILLET, BLOOM & WIRE ROD

Date: 23.05.2025

To
The Additional Director,
Ministry of Environment, Forest & Climate Change,
Regional Office (North)
Government of India
Bay No. 24-25, Sector-31A
Chandigarh.
(Mail ids.: ecompliance-nro@gov.in and ronz.chd-mef@nic.in)

Subject: Submission of six monthly compliance report for period ending 31.03.2025 for the Expansion of existing steel manufacturing unit namely "Allied Recycling Limited" located at Village Budhewal, Tehsil Kum Kalan, Ludhiana, Punjab.

Sir,

With reference to the EIA Notification & its amendments regarding submission of six monthly compliance report, we are hereby submitting the six monthly compliance report for period ending 31.03.2025 for the above said project in soft copy through mail for your perusal.

Kindly acknowledge the receipt of the same.

Thanking you
Sincerely,
For Allied Recycling Limited

(Authorized Signatory)

Name-Hitesh Abrol

Contact No.-9814100519

Designation- Managing Director

E-mail- alliedrecyclinglimited@gmail.com



CC:

1. **Environmental Engineer**, Regional Office, Ludhiana-I, Punjab Pollution Control Board, Phase V, Focal Point, Ludhiana, Punjab (through ppcbro1@yahoo.com)

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2025

**SIX MONTHLY COMPLIANCE
REPORT
(Period ending 31.03.2025)**

**For
“Allied Recycling Limited”
Village Budhewal, Tehsil Kum Kalan, Ludhiana,
Punjab.**

**Project By:
M/s Allied Recycling Limited**

Prepared by:



**Eco Paryavaran Laboratories and Consultants
Private Limited**

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**Ministry of Environment, Forest and Climate Change,
Northern Regional Office,
Chandigarh-160030**

DATA SHEET

| | | |
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| 1. | Project Type | Steel manufacturing unit Category 3(a): Secondary Metallurgical Processing Industries (ferrous & non-ferrous) |
| 2. | Name of the Project | M/s Allied Recycling Limited |
| 3. | Clearance letter (s)/O.M No. & dates | Environment Clearance granted by MoEF&CC vide Letter No. J-11011/40/2013-IA-II(I) dated 22.06.2015; copy of the same is attached along as Annexure 1(a) . Expansion in Environment Clearance granted by MoEF&CC vide EC Identification No. EC23A1010PB5514596N dated 20.03.2025; copy of the same is attached along as Annexure 1(b) . |
| 4. | Location | M/s Allied Recycling Limited Chandigarh Road, Village Budhewal, Tehsil Kum Kalan |
| | a) District (s) | Ludhiana |
| | b) State (s) | Punjab |
| | c) Latitudes/ Longitudes | 30°53'18.24"N & 76°59'33.72"E |
| 5. | Address for correspondence | Mr. Hitesh Abrol (Director) M/s Allied Recycling Limited Chandigarh Road, Village Budhewal, Tehsil Kum Kalan, Ludhiana, Punjab |
| 6. | Salient features | |
| | a) of the project | As per Environment Clearance Letter, the production capacity of the industrial unit becomes 1,50,000 MTA of Steel Ingots/Billets & 1,40,000 MTA of steel wire rods by 2 Induction Furnaces of capacity 6 TPH each. The total area of the plot is 20,866 sq.m. As per Expansion in Environment Clearance letter the production capacity of the industrial unit increases from 2,90,000 TPA (1,50,000 TPA of Steel Ingots/Billets and 1,40,000 TPA of Steel Wire Rods) to 3,52,450 TPA (1,78,500 TPA of Ingots/Billets and 1,73,950 TPA of Wire Rods). |

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| | b) of the environmental management plans | <p>As per Environment Clearance Letter, after expansion the total water requirement of the project is estimated to be 27 KLD; out of which 9.6 KLD will be domestic water demand and 15 KLD is the makeup water cooling demand.</p> <p>As per Expansion in Environment Clearance letter the total water requirement of the project is estimated to be 62.5 KLD; out of which 15.5 KLD will be domestic water demand and 30.5 KLD is the makeup water cooling demand and 16.5 is green area water demand.</p> <p>Total power requirement for the project is estimated to be 19.3 MW which will be supplied by PSPCL.</p> |
| 7. | Break-up of the project area | |
| | a) Submergence area: Forest and Non-forest | Not applicable |
| | b) Others | Not applicable |
| 8. | Break-up of project affected population with enumeration of those losing houses/ dwelling units only, agricultural land only both dwelling units and agricultural land and landless labourers/ artisans. | Not applicable |
| | a) SC/ST/Adivasis | Not applicable |
| | b) Others <i>(Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures. If a survey has been carried out give details and year of survey)</i> | Not applicable |
| 9. | Financial details: | |
| | a) Project cost as originally planned and subsequent revised estimates and the year of price reference. | As per Expansion in EC Letter, total cost of the project is Rs. 67.10 Crores. |
| | b) Allocations made for environmental management plans with item wise and year wise break up. | For proposed expansion, Rs. 243 Lakhs allocated for pollution control measures and Rs. 20 Lakhs will be utilized for annual maintenance of pollution control measures including CSR. |
| | c) Benefit cost ratio/internal rate of return and the year of assessment | Will be calculated and submitted separately. |

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| | d) Whether (c) includes the cost of environmental management as shown in b) above. | Yes |
| | e) Actual expenditure incurred on the project so far. | All the expenditure as per the previous EC letter has been done. No expenditure has been done on project w.r.t. expansion |
| | f) Actual expenditure incurred on the environmental management plans so far. | All the expenditure has been done as on the Environment Management Plan as per previous EC. No expenditure has been done on EMP w.r.t. expansion. |
| 10. | Forest land requirement: | |
| | a) the status of approval for diversion of forest land for non-forestry use | Not Applicable |
| | b) the status of clear felling, if any | Not Applicable |
| | c) the status of compensatory afforestation, if any. | Not Applicable |
| | d) Comments on the viability & sustainability of compensatory Afforestation programme in the light of actual field experience so far. | Not Applicable |
| 11. | The status of clear felling in non-forest areas (such as submergence area of reservoir, approach road) if any, with quantitative information | Not applicable |
| 12. | Status of construction: | |
| | a) Date of commencement (actual and/or planned) | August, 2015 |
| | b) Date of completion (actual and/or planned) | January 2026 Photographs of the existing unit are attached along as Annexure 2 . |
| 13. | Reasons for the delay, if the project is yet to start | Given the increasing demand, expansion will be initiated accordingly. At present, current production is adequately meeting the demand. |

Compliance report on conditions imposed in Environmental Clearance for period ending
31.03.2025

1. Specific conditions

| S.No. | EC Conditions | Reply |
|--------------|--|---|
| i) | This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project | Agreed. |
| ii) | The project proponent shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. | Agreed. Same is being complied. |
| iii) | The project proponent shall utilize modern technologies for capturing carbon emission and shall also develop adequate carbon sink/ carbon sequestration resources with an aim to meet the carbon neutrality mission in a time bound manner. The implementation report shall be submitted to the IRO, MoEF&CC in this regard | Agreed. Same shall be complied |
| iv) | In pursuance to MoEF&CC OMs dated 31st October, 2019 & 30th December, 2019 issued in compliance of the order of Hon'ble NGT in OA No. 1038/2018 dated 19th August, 2019, the compliance of all the conditions applicable to CEPI shall be implemented as per the submitted plan | Agreed. Same is being complied within the existing unit and for proposed expansion, it is assured that conditions will be complied. |
| v) | There are sensitive areas within the study area of the project site. Proponent shall take appropriate environmental safeguard measures to minimize the impact on the habitation of the locals. The project proponent needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these locations in its environmental | Agreed. Initiation for strengthening of green belt has been done. Progress report will be submitted with next compliance. |

| | monitoring programme | |
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| vi) | There are water bodies present within the study area of the project site. A robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented. | Agreed. Proper drainage is being maintained and additional measures will be taken for conservation of drainage as well as soil conservation after expansion of the project is initiated. |
| vii) | The water requirement for the proposed expansion is estimated to be 62.5 m ³ /day, out of which 50.5 m ³ /day of fresh water requirement is proposed to be met through ground water and remaining 12 m ³ /day will be met from treated water from STP. PP shall obtain necessary permission from the Competent Authority and update the concerned RO MoEFCC in this regard. | As per the latest guidelines, ground water approval will be obtained from PWRDA. Thus, NOC has been obtained from PWRDA for abstraction of ground water; copy of the permission is enclosed as Annexure 3 . |
| viii) | PP shall undertake stringent measures to minimise the levels of PM10 and PM2.5. | Agreed. Stringent measures are being undertaken to minimize the levels of PM10 and PM2.5 and same shall be followed after expansion as well. |
| ix) | Three tier Green Belt shall be developed in atleast 40% of the project area, as committed of adequate width and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. PP shall also develop greenbelt in the form of shelter belt comprising of total of 6 rows of 2x2 m plantation with tall trees & broad leaves with thick canopy along with windshield inside the plant premises to act as green barrier for air pollution & noise levels towards sensitive areas nearby project site. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC | Green area has been developed within the project premises as well as nearby vacant plot with native species in order to meet the statutory green area requirement. For maintenance of green belt following steps have been implemented: <ul style="list-style-type: none"> • Dedicated trained gardeners (2 No.) have been appointed in addition of existing gardeners. • Organic manure is used in tree saplings planted to promote growth. • Regular trimming and removal of weed is practiced. • Adequate spacing provided between 2 trees. • Non survival tree saplings are immediately replaced with new ones. As per EC expansion development of green area has been initiated, details regarding same will be submitted in next six monthly compliance report. Photographs showing the existing green |

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| | | area are enclosed as Annexure 2. |
| x | The PP shall undertake plantation, in compliance to MoEFCC OM dated 24.07.2024, in the earmarked 33% or 40% greenbelt area, as the case may be, as a part of tree plantation campaign 'Ek Ped Maa Ke Naam' Campaign and the details of the same shall be uploaded on MeriLiFE portal at (https://merilife.nic.in) | Agreed. |
| xi) | All the commitments made towards socio-economic development of the nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 amounting to Rs. 0.50 Crores shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC | Agreed. Same shall be complied |
| xii) | The project proponent shall undertake village adoption programme and prepare and implement the action plan to develop them into a model village in consultation with the State Administration. | Agreed. Consultation in this regard has been initiated. Action plan will be submitted as soon as the work is initiated. |
| xiii) | The PP shall ensure compliance of OM dated 14-01-2025 regarding streamlining the implementation of GSR 702 and GSR 703 dated 12-11-2024 through which projects requiring prior EC were exempted from requirement of CTE | Noted. |

1 - Statutory Compliance

| S.No. | Compliance conditions | Compliance Reply |
|-------|---|------------------|
| 1.1 | The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ | Agreed |

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| | permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project | |
| 1.2 | This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project. | Agreed. |
| 2. Air Quality Monitoring And Preservation | | |
| 2.1 | The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as Continuous Ambient Air Quality Station (CAAQMS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories | For existing machinery online Continuous Monitoring System installed at stack of the Induction Furnaces is well connected with PPCB server; copy of completion certificate and screenshot of its linkage is attached as Annexure 4 . Further online continuous emission monitoring system will be installed after installing new machinery |
| 2.2 | The project proponent shall carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area covering upwind and downwind directions. | Continuous Ambient Air Quality monitoring will be installed after expansion w.r.t EC granted. |

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| 2.3 | The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. | Agreed, fugitive emission monitoring will be done and reports will be submitted with next compliance report. |
| 2.4 | Sampling facility at process stacks shall be provided as per CPCB guidelines for manual monitoring of emissions. | Noted. Stack monitoring has been done by NABL accredited laboratory; copy of reports is attached as Annexure 5(a) . |
| 2.5 | Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards | Agreed. APCD for proposed machinery will be installed prior to the operation of new Induction furnace. |
| 2.6 | The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags. | Leakage detection and mechanized bag cleaning facilities will be provided for better maintenance of bags. |
| 2.7 | Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly. | Agreed, cleaning facilities have been provided to workers for cleaning of plant roads, shop floors, roofs, regularly. |
| 2.8 | Ensure covered transportation and conveying of raw material to prevent spillage and dust generation. The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin. | Not applicable, as the raw material (scrap) is not generating any kind of dust etc. during transportation. |
| 2.9 | The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces. | Agreed. Secondary fume extraction system will be installed with initiation of expansion. |
| 2.10 | Wind shelter fence and chemical spraying shall be provided on the raw material stock piles. | Agreed. |
| 2.11 | Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, | Agreed. |

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| | motor houses, Oil Cellars. | |
| 2.12 | Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB. | CREP guidelines by CPCB is being followed in the industry |
| 2.13 | The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, adsorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere | Agreed. Same shall be complied. |
| 2.14 | Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals. | Agreed. Bag filters are cleaned at regularly basis and also there efficiency monitored on regularly intervals of time. |
| 2.15 | Water Sprinklers/Water mist system shall be installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant. | Agreed, same shall be complied. |
| 2.16 | The particulate matter emissions from the process stacks shall be less than 30 mg/Nm ³ and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed | Agreed. With initiation of expansion, same shall be taken care of. |
| 2.17 | Following additional arrangements to control fugitive dust shall be provided: a. Fog / Mist Sprinklers at all on bulk raw material storage area (at | Agreed. |

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| | <p>the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas.</p> <p>b. Proper covered vehicle shall be used while transport of materials.</p> <p>c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system</p> | |
| 2.18 | <p>Online stack monitoring system for IF and RHF shall be installed and monitoring report shall be submitted to the concerned Regional Office of the MoEF&CC along with the six monthly compliance report.</p> | <p>Online stack monitoring system will be installed after the installation of new machinery w.r.t EC granted.</p> |
| 2.19 | <p>Low NOx Burners will be installed at Reheating Furnace for control of Gaseous emissions generated while using PNG</p> | <p>Agreed. NOx Burners will be installed at Reheating Furnace for control of Gaseous emissions generated while using PNG</p> |

3. Water Quality Monitoring And Preservation

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| 3.1 | <p>The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories</p> | <p>Agreed. 24 × 7 air monitoring station has been installed within project premises to monitor the particulate matter (PM). Photographs showing the same are attached along as Annexure 2.</p> <p>Also, Completion certificate has been obtained. Further, monitoring systems are also connected with CPCB server. Screenshot of CPCB server showing the connection is enclosed as Annexure 4.</p> <p>For proposed expansion CEMS will be installed after machinery gets installed.</p> |
| 3.2 | <p>The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.</p> | <p>Monitoring of ground water is carried out by NABL accredited laboratory. Recent test report of ground water monitoring are attached along as Annexure 5(b).</p> |
| 3.3 | <p>Garland drains and collection pits shall be provided for each stock pile</p> | <p>Agreed. Same is being complied.</p> |

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| | to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off. | |
| 3.4 | Water meters shall be provided at the inlet to all unit processes in the steel plants. | Agreed. |
| 3.5 | The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water. | Agreed. It will be taken care off. Machinery to be installed will be the one which is water efficient. |
| 3.6 | The proposed project shall be designed as Zero Liquid Discharge Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. Suitable measures shall be adopted for sewage water handling to ensure no contamination of any kind of water body. | No industrial effluent is being generated by industry even after expansion no effluent will be generated. Thus there will be no need of ETP in the industry whereas STP will be installed by industry for treatment of domestic waste water. |
| 3.7 | All stockyards shall have impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains and catch pits to trap the run off material and shall be implemented as per the action plan submitted in EIA/EMP report | Agreed, Same shall be complied. |
| 3.8 | Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report. | Rain water recharging system has been implemented within industrial premises. 2 No. of rain water recharging pits have been constructed to collect the runoff generated from roof top area of the sheds in order to recharge the ground water. No industrial effluent is being generated from the unit. Only domestic wastewater is being generated which is being disposed off through septic tank and thereafter discharged onto green area for horticulture purpose. |

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| | | No effluent is being discharged outside the project premises |
| 4. Water Quality Monitoring And Preservation In Case Of Rolling Mills | | |
| 4.1 | The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31st March 2012 (applicable to IF/EAF) as amended from time to time | No industrial effluent is being generated by industry even after expansion no effluent will be generated. Thus there will be no need of ETP in the industry |
| 5. Noise Monitoring And Prevention | | |
| 5.1 | Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof, and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report. | Monitoring of ambient noise has been done by NABL accredited laboratory. Test report of recent monitoring is enclosed as Annexure 5(b) . |
| 5.2 | The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time. | Agreed, Same shall be complied. |
| 6. Energy Conservation Measures | | |
| 6.1 | Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly | Agreed, Same shall be complied. |
| 6.2 | Provide LED lights in their offices and residential areas. | LED lights are already installed within project premises. |
| 7. Energy Conservation Measures In Case Of Reheating Furnace | | |
| 7.1 | The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces | Agreed |
| 7.2 | Ensure installation of regenerative type burners on all reheating furnaces | Agreed. Same shall be complied. |
| 8. Waste Management | | |
| 8.1 | Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil | There is generation of used oil in the industry which is given to authorized vendor |

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| 8.2 | Kitchen waste shall be composted or converted to biogas for further use | Agreed |
| 8.3 | 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office | Agreed, APCD dust is being given to authorized vendor. Agreement has been done in this regard with M/s Jogindra Castings; copy of same is attached as Annexure 6(b) |
| 8.4 | The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at https://cpcb.nic.in/technical-guidelines-3/ . All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents. | The industry does not use or produce single-use plastic (SUP) in its operations. However, posters and boards have been put up in the industry to inform workers about the SUP ban. Staff and contractors have been advised not to use plastic items like cups and spoons. |
| 8.5 | A proper action plan must be implemented to dispose of the electronic waste generated in the industry. | Agreed. |
| 8.6 | Solid waste utilization: a. PP shall install a slag crusher to convert steel slag into aggregate for use in construction industry, fine sand for use as flux in steel plant, sand in brick making and as lime in cement making. | Agreed, slag generated in the industry is being given to with M/s Sahil Tile Industries.; copy of same is attached as Annexure 7 . Further, waste is recycled within the premises as much a possible and its final disposal is made in accordance to solid waste management rules only. It is |

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| | <p>b. PP shall recycle/reuse solid waste generated in the plant as far as possible.</p> <p>c. Used refractories shall be recycled as far as possible</p> | also taken care that refractories are recycled as much as possible. |
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9. Green Belt

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| 9.1 | The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees. | Agreed. Report is attached as Annexure 8 . |
| 9.2 | Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames | Agreed. Report is attached as Annexure 8 . Further, timeline will be submitted as soon as the project is at the verge of getting operational. |
| 9.3 | Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface. | Agreed. Same shall be complied |

10. Public Hearing And Human Health Issues

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| 10.1 | Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented | <ul style="list-style-type: none"> • On-Site & Off-Site Disaster Management Plan is prepared and is enclosed as Annexure 9. • Fire-fighting measures are properly installed like sand buckets, CO₂ extinguisher, water hydrants etc. at appropriate locations. Fire NOC has been obtained and enclosed as Annexure 10. Safety, Fire & Health Policy is enclosed as Annexure 11. • First aid room is provided within project. • PPE kits are provided to workers and EMC is |
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| | | <p>ensuring use of the same.</p> <ul style="list-style-type: none"> • Emergency helpline numbers are displayed at convenient locations. • Proper sign boards are displayed at hazardous waste storage areas, exit points in case of emergency, Do's & Don't & other instruction boards. Photographs showing sign boards is enclosed as Annexure 12. <p>Mock drills conducted for employees. Intimation for conduct of mock drill along with photographs is enclosed as Annexure 13.</p> |
| 10.2 | The project proponent shall carry out heat stress analysis for the workmen who work in temperature work zone and provide Personal Protection Equipment (PPE) as per the norms. | Heat stress analysis will be conducted for workers working in high temperature work zone. Also, Personal Protection Equipment's (PPE) have already been provided for workers safety. |
| 10.3 | Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP. Safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. | For construction purpose local labours will be hired. Thus, no separate temporary hutments will be proposed for construction labours. Further, construction workers will be allowed to use the existing facilities such as clean drinking water, toilets etc |
| 10.4 | Occupational health surveillance of the workers shall be done on a regular basis and records maintained. | All the permanent workers are covered under ESI Scheme. ESI details are enclosed as Annexure 14 . In addition of above, Doctor has been appointed (Dr. Parvinder Singh) to visit twice in a week for health check-up of workers. Health check-up record is being maintained. Health check-up record of workers is enclosed as Annexure 15 . |
| 11. Environment Management | | |
| 11.1 | The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No.22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio | Year wise details regarding the EMP & CSR has been attached as Annexure 16 . CER activities for EC Expansion will be undertaken and details will accordingly be submitted. |

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| | economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed | |
| 11.2 | The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report. | Company has its well defined Environment Policy; copy of the same is enclosed as Annexure 17 . Environment Management Cell has been constituted to deal with environment related matters |
| 11.3 | A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization. | Environment Management Cell has already been constituted to deal with environment related matters. |
| 11.4 | Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEF&CC. | Agreed and same shall be complied. |
| 12. Miscellaneous | | |
| 12.1 | The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least | Advertisement was published in two local newspapers after the grant of EC and copy of advertisement published is enclosed as Annexure 18 . |

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| | in two local newspapers of the District or State, of which one shall be in the vernacular language | |
| 12.2 | The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt. | Agreed; copies of the environmental clearance has been submitted by the project proponents to the Heads of local bodies; copies of receiving of same is attached as Annexure 19 . |
| 12.3 | The project proponent shall upload the website and update the same on half-yearly basis | Agreed. Status of compliance of stipulated EC conditions including results of monitored data has been uploaded on the Company's website https://www.alliedrecycling.in/environment.php . Screenshot of the same is attached along as Annexure 20 . Also, six monthly compliance report is regularly submitted to Regional Office of MoEF&CC, Chandigarh and RO, PPCB. Screenshot of e-mail for submission of previous six monthly compliance report for period ending 30.09.2025 is enclosed as Annexure 21 . |
| 12.4 | The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company. | The criteria pollutants namely PM ₁₀ , SO ₂ , and NO _x , are being regularly monitored as per the prescribed norms. Monitoring is conducted in every six months through NABL-accredited laboratories. The test reports, along with the six-monthly compliance report has been uploaded on the company's website for public disclosure. Screenshot showing the same is attached as Annexure 20 . Further, environment data board has been displayed at main gate of the industry. Photograph showing the same is enclosed as Annexure 2 . |
| 12.5 | Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented | Agreed. Same shall be submitted. |
| 12.6 | The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the | Agreed. Status of compliance of stipulated EC conditions including results of monitored data has been uploaded on the Company's website https://www.alliedrecycling.in/environment.php . |

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| | website of the ministry of Environment, Forest and Climate Change at environment clearance portal. | Screenshot of the same is attached along as Annexure 20 . Also, six monthly compliance report has been regularly submitted to Regional Office of MoEF&CC, Chandigarh and RO, PPCB. Screenshot of e-mail for submission of previous six monthly compliance report for period ending 30.09.2025 is enclosed as Annexure 21 . |
| 12.7 | The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company. | Agreed. Form V is being submitted on regular basis; copy of the same is enclosed as Annexure 22 . |
| 12.8 | The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project. | Agreed. Consent for expansion will be obtained from PPCB prior to installation of new Induction Furnace. |
| 12.9 | The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee | Agreed. The same shall be followed. |
| 12.10 | The recommendations of the approved Site-Specific Wildlife Management Plan (in case of involvement of Schedule-I species) shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC | Not applicable, as no schedule-I species falls within 10 km study area. |
| 12.11 | The PP shall put all the environment related expenditure, | Agreed. Action plan will be included in six monthly compliances from next period and |

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| | expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public/public domain. | same shall be uploaded on company's website. |
| 12.12 | No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC). | Agreed. If any changes or further expansion will be done, then fresh application will be submitted to EAC. |
| 12.13 | Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986 | Agreed |
| 12.14 | The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory. | Agreed |
| 12.15 | The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions. | Agreed |
| 12.16 | The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports | Agreed. Full cooperation will be given to the officers. |

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| 12.17 | Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010 | Not applicable as 30 days' time period was over and no appeal was made. |
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F. No. J-11011/40/2013-IA II (I)
Government of India
Ministry of Environment, Forest and Climate Change
(I.A. Division)

Indira Paryavaran Bhawan
Jor Bagh Road, Ali Ganj,
New Delhi - 110003

E-mail: satish.garkoti@nic.in
Tele ph.: 011: 24695316

Dated: 22nd June, 2015

To

✓ **M/s Allied Recycling Ltd.**
Chandigarh Road, V.P.O Budhewal
Tehsil-Kum-Kalan, Dist-Ludhiana
Punjab-141112

Email: sital_cptmohali@yahoo.co.in, alliedsteels@sifv.com;

Fax No.- 0161-3230519

Subject: Expansion of Steel Manufacturing Unit from 1,53,000 TPA (80,000 TPA Steel ingot/billets and 73,000 TPA steel wire rods) to 2,90,000 TPA (1,50,000 TPA steel ingots/billets and 1,40,000 steel rods) of M/s Allied Recycling Ltd at village Budhewal, Tehsil Kum Kalan, Dist. Ludhiana, Punjab. Environmental Clearance regarding -

Sir,

This has reference to your letter No. dated 25.12.2013 along with copies of EIA/EMP report seeking environment clearance under the provisions of the EIA Notification, 2006. The ToRs for the project were awarded by the Ministry vide letter of even No. dated 29th May, 2013 for preparation of EIA/EMP report.

2.0 M/s Allied Recycling Ltd. is a Steel manufacturing Unit, which has been manufacturing 80, 000 MTA Steel Ingot/ billets and 73, 000 MTA Steel Wire Rods. The Industry has now proposed to enhance the capacity of the unit by addition of Two no's of Induction furnaces of capacities 6 TPH each. The capacity of the unit after expansion will be 1,50,000 MTA Steel Ingots/ billets & 1, 40, 000 MTA Steel Wire Rods. The total area of the plot is about 20, 866 m². There are no wild life sanctuaries, reserved /protected forests or defence installations, rivers and hill ranges within 10 km of the project. It is about 18 kms from Ludhiana and about 75 kms from Chandigarh. Total cost of the Project is 31.5 crores and 48 lakhs have been provided for pollution control Measures. About 9.5 lakhs will be spent on annual maintenance of such measures.

3.0 The raw materials used are MS/CI Scrap, Sponge/Pig Iron, Ferro alloys Manganese, Ferro Silicon, Aluminium. These will be sourced from Domestic as well as

International Markets. The raw materials used in the manufacturing of structural sections is Steel Ingots and Billets will be sourced from own unit.

4.0 The water requirement for domestic purpose will be 9.6 KLD and evaporation loss will be 15 KLD. There is no use of water in the process. So the total water requirement will be 27 KLD. The total power demand for the unit is about 11.4 MW. This demand will be met by sourcing power from Punjab State Power Corporation Limited from the nearby Sub-station. There will be about 300 persons working in the unit. For Air Pollution Control, Cyclones & Bag filters have been provided on Induction furnace and Scrubber on rolling mills. There will be generation of emission containing SPM. All the processes are closed circuit; as such emission to the atmosphere will be minimal. However, APCD, cyclone, bag filters will be provided at the exit point to arrest particulate matters.

5.0 Public Hearing of the project was conducted by PPCB at site on 27.10.2014 under the Chairmanship of Smt. Amrit Kaur Gill, PCS, Additional Deputy Commissioner (G), Ludhiana. Major issues raised during the public hearing inter alia include repair of roads, employment etc.

6.0 The proposal was considered during the 33rd meeting of the Expert Appraisal Committee (Industry) held on 10th – 11th February, 2015. After detailed deliberations, the EAC (I) recommended the project for Environmental Clearance and stipulated Specific Conditions along with other environmental conditions while considering for accord of Environmental Clearance.

7.0 The Ministry of Environment, Forest and Climate Change (MoEFCC) on the basis of the aforesaid recommendations of the EAC (I), hereby grants Environmental Clearance to the aforesaid project vide provisions of EIA Notification dated 14th September 2006, subject to strict compliance of the following Specific and General conditions:

A. SPECIFIC CONDITION:

- i. The project proponent should install 24x7 air monitoring devices to monitor air emission as provided by CPCB and submit report to Ministry and its Regional Office.
- ii. Measures shall be taken to reduce PM levels in the ambient air. Stack of adequate height & diameter with continuous stack monitoring facilities for all the stacks shall be provided and sufficient air pollution control devices viz. Electrostatic precipitator (ESP), bag house, bag filters etc. shall be provided to keep the emission levels within prescribed standards and installing energy efficient technologies.



- iii. Efforts shall further be made to use rainwater from the rain water harvesting sources. Capacity of the reservoir shall be enhanced, if required, to meet the maximum water requirement. The Plant shall operate on a zero discharge concept.
- iv. Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.
- v. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 1999 and subsequent amendment in 2003 and 2010. All the fly ash shall be provided to cement and brick manufacturers for further utilization Bottom ash shall be fully utilized for road construction. Details of Memorandum of Understanding entered shall be submitted to the Ministry's Regional Office at Bhubaneswar.
- vi. Hazardous materials such as lubricating oil, compressed gases, paints and varnishes required during construction phase shall be stored properly as per the regulations at isolated places and used/recycled as per the E(P)A Rules, 1986.
- vii. All vehicles and construction machinery are properly maintained to minimize the exhaust emission as well as noise generation to meet prescribed standards.
- viii. Green belt consisting of a 3-tier plantation of trees with thick canopy shall be developed all along the periphery of the plant, vacant areas, transfer points, etc , as part of 33% of total plant area.
- ix. Noise level shall be reduced by stopping leakages from various steam lines, compressed air lines and other high pressure equipment; and provide noise proof cabins to operators where remote control for operating noise generating equipment is feasible.
- x. Disaster management plan shall be prepared and implemented. Regular drills thereof shall be conducted.
- xi. All the commitments made to the public during public hearing/public consultation shall be satisfactorily implemented and adequate budget provision shall be made accordingly.
- xii. Company shall develop an HSE Policy. All the permanent workers shall be covered under ESI Scheme. The company shall have the provision for treatment of its workers at the local Nursing Homes & Hospitals in case of emergency. Annual Medical Check-up on some medical parameters like Blood test, Chest X-Ray, Eye test, Audiometry, Spirometry etc. shall be conducted amongst the employees of the Company and records maintained thereof.

- xiii. At least 2.5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on local needs. The proponent shall prepare a detailed CSR Plan for every next 5 years for the existing-cum-expansion project, which includes village-wise, sector-wise (Health, Education, Sanitation, Health, Skill Development and infrastructure requirements such as strengthening of village roads, avenue plantation, etc) activities in consultation with the local communities and administration. The CSR Plan will include the amount of 2% retain annual profits as provided for in Clause 135 of the Companies Act, 2013 which provides for 2% of the average net profits of previous 3 years towards CSR activities for life of the project. A separate budget head shall be created and the annual capital and revenue expenditure on various activities of the Plan shall be submitted as part of the Compliance Report to RO, Bangalore. The details of the CSR Plan shall also be uploaded on the company website and shall also be provided in the Annual Report of the company.

B. GENERAL CONDITIONS:

- i. The project authorities must strictly adhere to the stipulations made by the Punjab Pollution Control Board and the State Government.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEFCC).
- iii. At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM₁₀, PM_{2.5}, SO₂ and NO_x are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Chandigarh and the SPCB/CPCB once in six months.
- iv. Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended form time to time. The treated wastewater shall be utilized for plantation purpose.
- v. The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).
- vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

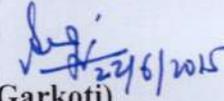
- vii. The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.
- viii. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.
- ix. Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change (MoEFCC) as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Chandigarh. The funds so provided shall not be diverted for any other purpose.
- x. A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.
- xi. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEFCC at Chandigarh. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- xii. The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEFCC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Chandigarh / CPCB / SPCB shall monitor the stipulated conditions.
- xiii. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEFCC at Chandigarh by e-mail.

- xiv. The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment, Forests and Climate Change (MoEFCC) at <http://envfor.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Chandigarh.
- xv. Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.

8.0 The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

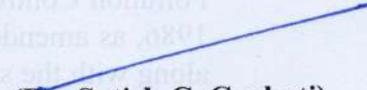
9.0 The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.

10.0 The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.


(Dr. Satish C. Garkoti)
Director

Copy to:-

1. The Secretary, Department of Environment, Govt. of Punjab.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi, 110 032.
3. The Chairman, Punjab State Pollution Control Board, Vatavaran Bhavan, Nabha Road, Patiala-147001.
4. The Additional Principal Chief Conservator of Forests (C) Ministry of Environment, Forest & Climate Change, Regional Office (NZ) Bays No. 24-25, Sector-31 A, Dakshin Marg, Chandigarh-160030.
5. Guard File / Record File/Monitoring file.


(Dr. Satish C. Garkoti)
Director



File No: IA-J-11011/40/2013-IA-II(IND-I)
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Date 20/03/2025



To,

M/s. ALLIED RECYCLING LIMITED
VPO Budhewal, Chandigarh Road,
Tehsil Kum Kalan, District Ludhiana, PUNJAB, 141112
E-mail: santoshabrol73@gmail.com

Subject: Expansion in Environmental Clearance of Steel Manufacturing Unit namely "M/s Allied Recycling Limited" for increase in production from 2,90,000 TPA (1,50,000 TPA of Steel Ingots/Billets and 1,40,000 TPA of Steel Wire Rods) to 3,52,450 TPA (1,78,500 TPA of Ingots/Billets and 1,73,950 TPA of Wire Rods) by M/s. Allied Recycling Limited located at VPO Budhewal, Chandigarh Road, Tehsil Kum Kalan, District Ludhiana, Punjab- Consideration of EC.

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/PB/IND1/454769/2023 dated 23/09/2024 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

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| (i) EC Identification No. | EC23A1010PB5514596N |
| (ii) File No. | IA-J-11011/40/2013-IA-II(IND-I) |
| (iii) Clearance Type | Fresh EC |
| (iv) Category | A |
| (v) Project/Activity Included Schedule No. | 3(a) Metallurgical Industries (ferrous and non ferrous) |
| (vi) Sector | Industrial Projects - 1 Expansion in Environmental Clearance of Steel Manufacturing Unit namely "M/s Allied Recycling Limited" located at VPO Budhewal, Chandigarh Road, Tehsil Kum Kalan, District Ludhiana, Punjab for increase in production from 2,90,000 TPA (1,50,000 TPA of Steel Ingots/Billets and 1,40,000 TPA of Steel Wire Rods) to 3,52,450 |
| (vii) Name of Project | |

| | |
|---|--|
| | TPA (1,78,500 TPA of Ingots/Billets and 1,73,950 TPA of Wire Rods) |
| (viii) Name of Company/Organization | ALLIED RECYCLING LIMITED |
| (ix) Location of Project (District, State) | LUDHIANA, PUNJAB |
| (x) Issuing Authority | MoEF&CC |
| (xi) Applicability of General Conditions as per EIA Notification, 2006 | No |

3. The proposed project activity is listed at S. No. 3(a) Metallurgical industries (Ferrous and Non-ferrous) under Category “B” of the schedule of the EIA Notification, 2006, and attracts general conditions as the project is located at a distance of 3.7 km from “Critically Polluted Area” Ludhiana Notified by the Central Pollution Control Board and therefore appraised at Central Level.

4. The instant proposal is considered in 74th EAC Meeting held during 10th – 11th February, 2025, wherein after detailed deliberations, the committee recommended the proposal for grant of Environment Clearance under the provisions of EIA Notification, 2006 subject to the stipulation of specific conditions and general conditions. The EAC proceedings of the said meeting can be seen using the following web link: at <https://parivesh.nic.in>.

5. The details of the proposal are as per the EIA/EMP report submitted by the proponent. The salient features of the proposal as presented during the above-mentioned meetings of EAC (Industry 1 Sector) are at **Annexure-II**.

6. The Unit configuration and capacity of the proposed project is at **Annexure-III**.

7. The EAC, in its 74th EAC Meeting held during 10th – 11th February, 2025, inter-alia, deliberated the following:

i. The instant proposal is for expansion of existing Steel Plant by installation of 1x350 TPD + 1x600 TPD DRI Kilns, 4x20 T Induction Furnaces & 1x30 T Electric Arc Furnace with matching LRF & CCM, 1,20,000 TPA capacity Rolling Mill, 10,000 TPA capacity Galvanization Plant along with 32 MW Captive Power Plant (22 MW WHRB+10 MW AFBC).

ii. The existing project has obtained Environmental Clearance from MoEF&CC vide F.No. J-11011/40/2013-IA II (I) dated 22.06.2015 for 2015 for increase in production capacity from 1,53,000 TPA (80,000 TPA of Steel Ingots/Billets & 73,000 TPA of Steel Wire Rods) to 2,90,000 TPA (1,50,000 TPA of Steel Ingots/Billets & 1,40,000 TPA of Steel Wire Rods). Consent to Operate has been obtained from Punjab Pollution Control Board vide Certificate No. CTOA/Varied/LDH1/2020/13247664 dated 13.10.2020 & CTOW/Varied/ LDH1/2020/ 13249336 dated 05.10.2020 and valid up to 30.06.2025.

iii. The EAC, constituted under the provision of the EIA Notification, 2006 comprising Expert Members/domain experts in various fields, examined the proposal submitted by the Project Proponent in desired format along with EIA/EMP reports prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent.

iv. The EAC noted that the Project Proponent has given an undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP reports. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

v. The Committee noted that the EIA reports are in compliance of the ToR issued for the project, reflecting the present environmental status and the projected scenario for all the environmental components. The Committee deliberated on the proposed mitigation measure towards Air, Water, Noise and Soil pollutions. The Committee suggested that the storage of toxic/explosive raw materials/products shall be undertaken with utmost precautions and following the safety norms and best practices.

vi. The EAC also took into consideration the drone survey of the project site and kml file on the Google Earth presented by the project proponent along with DSS of the project site on PARIVESH and made following deliberations accordingly.

- vii. The PP submitted that total area is 2.0866 ha which is under the possession of the company. Since, the expansion is done within the existing land only; thus no acquisition of land is involved, as the land is under the ownership of company.
- viii. The proposed project falls in the Critically Polluted Area of Ludhiana as notified by Central Pollution Control Board (CPCB). The EAC deliberated on the compliance of the conditions as per Ministry's guideline dated 24th October 2019 and found it satisfactory.
- ix. There are sensitive areas such as schools within the study area of the project site. The EAC opined that proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. The project proponent needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these locations in its environmental monitoring programme.
- x. There are several water bodies are present within the study area of the project site. The EAC opined that a robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented.
- xi. The water requirement for the proposed expansion is estimated to be 62.5 m³/day, out of which 50.5 m³/day of fresh water requirement is proposed to be met through ground water and remaining 12 m³/day will be met from treated water from STP. The EAC deliberated on the water requirement is of the opinion that PP shall obtain necessary permission from the Competent Authority.
- xii. The Committee has deliberated on the baseline data and incremental GLC due to the proposed project and noted that PM_{2.5} and PM₁₀ beyond standards. The EAC opined that PP shall undertake stringent measures to minimise the levels of PM₁₀ and PM_{2.5}.
- xiii. The Committee also deliberated on the public hearing issues along with action plan submitted by the proponent to address the issues raised during the public hearing and found it satisfactory.
- xiv. The PP submitted that existing green belt developed within premises is 0.30 ha which is about 14.51 % of the total project area (2.08 ha) with total sapling of 450 trees. Remaining greenbelt developed on adjoining land acquired (0.58 ha) specifically for development of green area located approx. 133 m with tree saplings of 870 trees. Thus, overall green area proposed is 0.88 ha @ 42.15% of total land area. Total No. of 1,320 saplings will be planted and nurtured in 0.88 ha in 1 year (as out of 1,320 trees; 900 tree saplings has been planted in current monsoon). PP has also submitted a photo-affidavit stating that the additional 5,768.86 sq.m of land, located 133 meters from the project boundary, will be exclusively used for green area development and not for any industrial purposes. The EAC deliberated on the greenbelt layout plan and is of the opinion that greenbelt shall be completed as committed.
- xv. The committee deliberated details of carbon foot prints and carbon sequestration study w.r.t. proposed project and found them to be satisfactory.
- xvi. The EAC deliberated on the certified compliance report of IRO along with ATR and review report of IRO and is of the opinion that PP shall make sure that all the observations made by the IRO are complied.
- xvii. The EAC also deliberated on the ADS reply of project proponent and found it satisfactory.
- xviii. The EAC also deliberated on the written submission of project proponent and found it satisfactory.
- xix. The EAC deliberated on the proposal with due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC found the proposal in order and recommended for grant of environmental clearance.
- xx. The environmental clearance recommended to the project/activity is strictly under the provisions of the EIA Notification 2006 and its subsequent amendments. It does not tantamount/construe to approvals/consent/permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc.,

as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

xxi. The EAC also reviewed the EC conditions (specific and general) pertaining to Industry-I projects and observed that some of the specific conditions stipulated so far in the previously recommended EC projects are common and applicable to most of the projects in general. In view of the same, the General Conditions (in case of EC projects) have been revised through reallocation of these common conditions from specific to General Conditions (in case of EC projects). Accordingly, the instant project is also being stipulated with the modified General conditions.

8. The EAC (Industry-1 Sector), in its 74th EAC Meeting held during 10th – 11th February, 2025, based on information & clarifications provided by the project proponent and after detailed deliberations **recommended** the proposal for grant of Environment Clearance subject to stipulation of specific and general EC conditions as detailed in the point below.

9. The MoEF&CC has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and after accepting the recommendations of the Expert Appraisal Committee (Industry-1 Sector) hereby decided to **grant Environment Clearance for instant proposal of M/s Allied Recycling Limited** under the provisions of EIA Notification, 2006 subject to the following specific conditions and general conditions **(Annexure-I). The PP shall ensure compliance of OM dated 14-01-2025 regarding streamlining the implementation of GSR 702 and GSR 703 dated 12-11-2024 through which projects requiring prior EC were exempted from requirement of CTE.**

10. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

11. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

12. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

13. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

14. This issues with approval of the competent authority.

(Dinesh Runiwal)
Scientist 'F'/Director
Tel: 011-20819346
Email-d.runiwal@gov.in

Copy To

1. The Secretary, Govt..of Punjab, Department of Science, Technology & Environment, Punjab Civil Secretariat-2, Sector-9, Chandigarh – 160009, Punjab.
2. The Chief Wildlife Warden, Govt..of Punjab, Department of Forests & Wildlife Preservation, Forest Complex, Kumbra Road, Sector-68, SAS Nagar, Mohali – 140110, Punjab.
3. The Deputy Director General of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office,

Bays No. 24-25, Sector 31 A, Dakshin Marg, Chandigarh – 160030

4. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
5. The Chairman, Punjab Pollution Control Board, Head Office, Vatavaran Bhawan, Punjab Pollution Control Board, Nabha Road, Patiala.
6. The Member Secretary, Central Ground Water Authority, A-2, W3, Curzon Road Barracks, K.G. Marg, New Delhi-110001.
7. The District Collector, Collectorate, Ludhiana, Punjab.
8. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi.
9. Guard File/Monitoring File/Website/Record File/Parivesh Portal.

Annexure 1

Specific EC Conditions for (Metallurgical Industries (Ferrous And Non Ferrous))

1. Specific

| S. No | EC Conditions |
|-------|--|
| 1.1 | This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project. |
| 1.2 | The project proponent shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. |
| 1.3 | The project proponent shall utilize modern technologies for capturing carbon emission and shall also develop adequate carbon sink/ carbon sequestration resources with an aim to meet the carbon neutrality mission in a time bound manner. The implementation report shall be submitted to the IRO, MoEF&CC in this regard. |
| 1.4 | In pursuance to MoEF&CC OMs dated 31st October, 2019 & 30th December, 2019 issued in compliance of the order of Hon'ble NGT in OA No. 1038/2018 dated 19th August, 2019, the compliance of all the conditions applicable to CEPI shall be implemented as per the submitted plan. |
| 1.5 | There are sensitive areas within the study area of the project site. Proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. The project proponent needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these locations in its environmental monitoring programme. |
| 1.6 | There are water bodies are present within the study area of the project site. A robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented. |
| 1.7 | The water requirement for the proposed expansion is estimated to be 62.5 m3/day, out of which 50.5 m3/day of fresh water requirement is proposed to be met through ground water and remaining 12 m3/day will be met from treated water from STP. PP shall obtain necessary permission from the |

| S. No | EC Conditions |
|-------|--|
| | Competent Authority and update the concerned RO MoEFCC in this regard. |
| 1.8 | PP shall undertake stringent measures to minimise the levels of PM10 and PM2.5. |
| 1.9 | Three tier Green Belt shall be developed in atleast 40% of the project area, as committed of adequate width and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. PP shall also develop greenbelt in the form of shelter belt comprising of total of 6 rows of 2x2 m plantation with tall trees & broad leaves with thick canopy along with windshield inside the plant premises to act as green barrier for air pollution & noise levels towards sensitive areas nearby project site. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC. |
| 1.10 | The PP shall undertake plantation, in compliance to MoEFCC OM dated 24.07.2024, in the earmarked 33% or 40% greenbelt area, as the case may be, as a part of tree plantation campaign 'Ek Ped Maa Ke Naam' Campaign and the details of the same shall be uploaded on MeriLiFE portal at (https://merilife.nic.in) |
| 1.11 | All the commitments made towards socio-economic development of the nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 amounting to Rs. 0.50 Crores shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC. |
| 1.12 | The project proponent shall undertake village adoption programme and prepare and implement the action plan to develop them into a model village in consultation with the State Administration. |
| 1.13 | The PP shall ensure compliance of OM dated 14-01-2025 regarding streamlining the implementation of GSR 702 and GSR 703 dated 12-11-2024 through which projects requiring prior EC were exempted from requirement of CTE |

Standard EC Conditions for (Metallurgical Industries (ferrous and non ferrous))

1. Statutory Compliance

| S. No | EC Conditions |
|-------|--|
| 1.1 | The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project. |
| 1.2 | This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project. |

2. Air Quality Monitoring And Preservation

| S. No | EC Conditions |
|-------|--|
| 2.1 | The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as Continuous Ambient Air Quality Station (CAAQMS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. |
| 2.2 | The project proponent shall carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area covering upwind and downwind directions. |
| 2.3 | The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. |
| 2.4 | Sampling facility at process stacks shall be provided as per CPCB guidelines for manual monitoring of emissions. |
| 2.5 | Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards. |
| 2.6 | The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags. |
| 2.7 | Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly. |
| 2.8 | Ensure covered transportation and conveying of raw material to prevent spillage and dust generation. The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin. |
| 2.9 | The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces. |
| 2.10 | Wind shelter fence and chemical spraying shall be provided on the raw material stock piles. |
| 2.11 | Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars. |
| 2.12 | Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB. |
| 2.13 | The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, adsorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest |

| S. No | EC Conditions |
|-------|--|
| | suspended dust in the atmosphere. |
| 2.14 | Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals. |
| 2.15 | Water Sprinklers/Water mist system shall be installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant. |
| 2.16 | The particulate matter emissions from the process stacks shall be less than 30 mg/Nm ³ and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed. |
| 2.17 | Following additional arrangements to control fugitive dust shall be provided: a. Fog / Mist Sprinklers at all on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas. b. Proper covered vehicle shall be used while transport of materials. c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system. |
| 2.18 | Online stack monitoring system for IF and RHF shall be installed and monitoring report shall be submitted to the concerned Regional Office of the MoEF&CC along with the six monthly compliance report. |
| 2.19 | Low NO _x Burners will be installed at Reheating Furnace for control of Gaseous emissions generated while using PNG. |

3. Water Quality Monitoring And Preservation

| S. No | EC Conditions |
|-------|--|
| 3.1 | The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. |
| 3.2 | The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories. |
| 3.3 | Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off. |
| 3.4 | Water meters shall be provided at the inlet to all unit processes in the steel plants. |
| 3.5 | The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water. |
| 3.6 | The proposed project shall be designed as Zero Liquid Discharge Plant. ETP shall be installed and |

| S. No | EC Conditions |
|-------|---|
| | there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. Suitable measures shall be adopted for sewage water handling to ensure no contamination of any kind of water body. |
| 3.7 | All stockyards shall have impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains and catch pits to trap the run off material and shall be implemented as per the action plan submitted in EIA/EMP report. |
| 3.8 | Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report. |

4. Water Quality Monitoring And Preservation In Case Of Rolling Mills

| S. No | EC Conditions |
|-------|---|
| 4.1 | The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31st March 2012 (applicable to IF/EAF) as amended from time to time. |

5. Noise Monitoring And Prevention

| S. No | EC Conditions |
|-------|--|
| 5.1 | Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof, and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report. |
| 5.2 | The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time. |

6. Energy Conservation Measures

| S. No | EC Conditions |
|-------|--|
| 6.1 | Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly; |
| 6.2 | Provide LED lights in their offices and residential areas. |

7. Energy Conservation Measures In Case Of Reheating Furnace

| S. No | EC Conditions |
|-------|---|
| 7.1 | The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces. |
| 7.2 | Practice hot charging of slabs and billets/blooms as far as possible. |

| S. No | EC Conditions |
|-------|--|
| 7.3 | Ensure installation of regenerative type burners on all reheating furnaces |

8. Waste Management

| S. No | EC Conditions |
|-------|--|
| 8.1 | Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil. |
| 8.2 | Kitchen waste shall be composted or converted to biogas for further use. |
| 8.3 | 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office. |
| 8.4 | The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at https://cpcb.nic.in/technical-guidelines-3/ . All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents. |
| 8.5 | A proper action plan must be implemented to dispose of the electronic waste generated in the industry. |
| 8.6 | Solid waste utilization: a. PP shall install a slag crusher to convert steel slag into aggregate for use in construction industry, fine sand for use as flux in steel plant, sand in brick making and as lime in cement making. b. PP shall recycle/reuse solid waste generated in the plant as far as possible. c. Used refractories shall be recycled as far as possible. |

9. Green Belt

| S. No | EC Conditions |
|-------|---|
| 9.1 | The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees. |
| 9.2 | Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames. |
| 9.3 | Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface. |

10. Public Hearing And Human Health Issues

| S. No | EC Conditions |
|-------|---|
| 10.1 | Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented. |
| 10.2 | The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms. |
| 10.3 | Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP. Safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. |
| 10.4 | Occupational health surveillance of the workers shall be done on a regular basis and records maintained. |

11. Environment Management

| S. No | EC Conditions |
|-------|---|
| 11.1 | The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed. |
| 11.2 | The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report. |
| 11.3 | A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization. |
| 11.4 | Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEF&CC. |

12. Miscellaneous

| S. No | EC Conditions |
|-------|--|
| 12.1 | The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language |

| S. No | EC Conditions |
|-------|---|
| | within seven days and in addition this shall also be displayed in the project proponent's website permanently. |
| 12.2 | The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt. |
| 12.3 | The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis. |
| 12.4 | The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company. |
| 12.5 | Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented |
| 12.6 | The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal. |
| 12.7 | The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company. |
| 12.8 | The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project. |
| 12.9 | The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee. |
| 12.10 | The recommendations of the approved Site-Specific Wildlife Management Plan (in case of involvement of Schedule-I species) shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC. |
| 12.11 | The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public/public domain. |
| 12.12 | No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC). |
| 12.13 | Concealing factual data or submission of false/fabricated data may result in revocation of this |

| S. No | EC Conditions |
|-------|---|
| | environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986. |
| 12.14 | The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory. |
| 12.15 | The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions. |
| 12.16 | The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports. |
| 12.17 | Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010. |

Additional EC Conditions

Not Applicable



Details of the proposal are as per the EIA/EMP report

| S.No. | Particulars | Details | | | Remarks |
|-------------------|---|---|-----------------|------------------|--|
| 1. | Total land | 2.0866 ha (Private land under the ownership of Company) | | | Project falls in Industrial area as per the Master Plan of Ludhiana |
| 2. | Land acquisition details as per MoEF&CC O.M. dated 7/10/2014 | Since, the expansion is done within the existing land only; thus no acquisition of land is involved, as the land is under the ownership of company. | | | Land documents have been submitted. |
| 3. | Existence of habitation & involvement of R&R, if any. | No R&R involved in project | | | - |
| 4. | Latitude and Longitude of all corners of the project site. | Point | Latitude | Longitude | Project boundary corner co-ordinates. |
| | | A | 30°53'16.33"N | 75°59'37.14"E | |
| | | B | 30°53'20.11"N | 75°59'37.80"E | |
| | | C | 30°53'20.01"N | 75°59'30.33"E | |
| | | D | 30°53'18.27"N | 75°59'30.30"E | |
| | | E | 30°53'18.27"N | 75°59'30.90"E | |
| 5. | Elevation of the project site | 254 m above mean sea level | | | - |
| | | | | | |
| 6. | Involvement of Forest land if any. | Not applicable , as no forest land is involved in project nor any diversion of forest land for approach road. | | | - |
| 7. | Water body (Rivers, Lakes, Pond, Nala, Natural Drainage, Canal etc.) exists within the project site as well as study area | Project location: No water body exists within the project site | | | In 10 km study area, several villages are existing and each village as small pond. |
| | | Study area: | | | |
| | | Water body | Distance | Direction | |
| | | Buddha Nala | 4.6 | North | |
| | | Sahibana Pond | 1.8 | North-West | |
| | | Budhewal Pond | 2.2 | North | |
| | | Paharuwal Pond | 2.3 | South | |
| | | Kohara Pond | 2.5 | South-East | |
| | | Bholapur Pond | 3 | West | |
| | | Mangli Nichhi Pond | 3.8 | South- West | |
| | | Bhagpur Pond | 4 | East | |
| | | Dhanansu Pond | 4.3 | North | |
| | | Bhairomunna Pond | 4.7 | South-East | |
| | | Doaba Bhaini Pond | 5.3 | North-East | |
| | | Sahnewal Pond | 5.3 | South | |
| | | Bhaini Salu Pond | 5.4 | North-East | |
| Raian Pond | 5.7 | East | | | |
| Barwala Pond | 5.7 | South-East | | | |
| Nathu Bhaini Pond | 5.8 | North-East | | | |

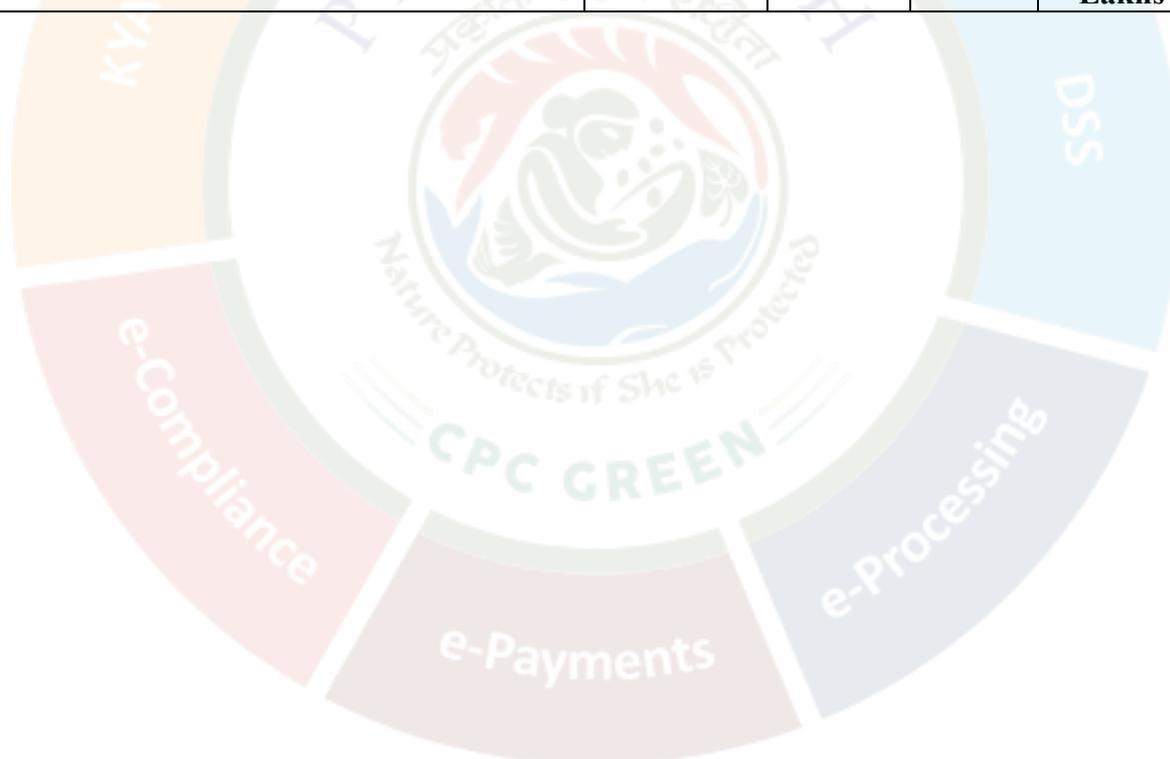
| S.No. | Particulars | Details | | | Remarks |
|-------|---|---|-----|------------|---------|
| | | | | | |
| | | Panglian Pond | 5.8 | South-East | |
| | | Khasi Khurd Pond | 6.4 | North-West | |
| | | Panglian Pond | 5.8 | South-East | |
| | | Khasi Khurd Pond | 6.4 | North-West | |
| | | Kanech Pond | 6.4 | South-East | |
| | | Gahi Bhaini Pond | 6.5 | North-East | |
| | | Kadiana Khurd Pond | 6.7 | North | |
| | | Bhaini Sahib Pond | 6.9 | East | |
| | | Chhandaran Pond | 8.1 | South-East | |
| | | Kadiana Kalan Pond | 8.2 | North | |
| | | Bilga Pond | 8.4 | South | |
| | | Jiwanpur Pond | 9 | North-West | |
| | | Raunt Pond | 9 | North-West | |
| | | Hawas Pond | 9.1 | North-West | |
| | | Rampur Pond | 9.2 | South-East | |
| | | Katana Pond | 9.4 | South-East | |
| | | Sirhind Canal | 9.5 | South-East | |
| | | Kot Gangu Rai | 9.6 | South-East | |
| | | Dughri | 9.7 | South | |
| | | Garhi Fazal | 9.9 | North | |
| 8. | Existence of ESZ/ ESA/ national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve etc.; if any within the study area | No ESZ/ ESA/ National Park/ Wildlife Sanctuary/ Biosphere Reserve/ Tiger Reserve/ Elephant Reserve etc. falls within 10 km of the study area. | | | - |
| 9. | Details of inter-linked projects needs to be submitted | Not Applicable | | | - |

Unit configuration and capacity

| Plant Equip-ment/ Facility | Existing facilities as per EC dated 22.06.2015 | | | | | | | | Proposed | | Final (Existing + Proposed) | | Remarks |
|---|--|---|---|---|---|--|--|--|---|---|--|---|---------|
| | Total (A+B) | | Implemented (A) | | Un- implemented (B) | | As per CTO | | | | | | |
| | Configuration | Capacity | Configuration | Capacity | Configuration | Capacity | Configuration | Capacity | Configuration | Capacity | Configuration | Capacity | |
| 4 Induction Furnaces (IF) & Rolling Mill | IF: 2×5 TPH + 2×6 TPH and Rolling Mill | 2,90,000 TPA (1,50,000 TPA of Steel Ingots/ Billets & 1,40,000 TPA of Steel Wire Rods) | IF: 3×5 TPH + 1×6 TPH Rolling Mill | Billets 378 TPD & Wire Rods 360 TPD | In place of 1×6 TPH Induction Furnace; 5 TPH furnace is installed | Billets 50 TPD & Wire Rods 40 TPD | IF: 3×5 TPH + 1×6 TPH and Rolling Mill | Billets 378 TPD & Wire Rods 360 TPD | IF: 2×15 TPH (replacement of existing IF) | 28,500 TPA of Steel Ingots/ Billets & 33,950 TPA of Steel Wire Rods | IF: 2×15 TPH and Rolling Mill | 1,78,500 TPA of Steel Ingots/ Billets & 1,73,950 TPA of Steel Wire Rods | - |

Action plan as per MoEF&CC O.M. dated 30/09/2020

| S. No. | Activities | Time period from date of grant of EC | | | Amount (in lakhs) |
|--------------|---|--------------------------------------|----------------------|----------------------|---------------------|
| | | 1 st Year | 2 nd Year | 3 rd Year | |
| 1. | Rain water harvesting Maintenance & rejuvenation of pond located in the Village Budhewal, Ludhiana | 10 | 5 | 5 | 20 |
| 2. | Plantation Plantation of 2,000 trees saplings in nearby villages and Govt. school | 5 | 5 | 5 | 15 |
| 3. | Issue raised during Public Hearing Organizing sports tournament in Govt. School located in Village Budhewal in order to facilitate sports activities among students | 5 | 5 | 5 | 15 |
| Total | | 10 | 15 | 15 | Rs. 50 Lakhs |



Budget for EMP

| S. No. | Environmental Protection Measures | Existing (Rs. In Lakhs) | | Proposed (Rs. In Lakhs) | |
|--------|--|-------------------------|--------------------------------------|-------------------------|--------------------------------------|
| | | Capital Cost | Recurring Cost per annum (laks/year) | Capital Cost | Recurring Cost per annum (laks/year) |
| 1. | Air Pollution Control | 50 | 1.5 | 150 | 3 |
| 2. | Noise Pollution Control | 1 | 0.5 | - | 1 |
| 3. | Water Pollution Control | 1 | 0.5 | 15 | 2 |
| 4. | Environment Monitoring & Management | -- | 3 | - | 5 |
| 5. | Green belt development | 2 | 1 | 21 | 7 |
| 6. | Corporate Social Responsibility | 74.5 | -- | 50 | -- |
| 7. | Others including energy conservation, solid waste management, health and safety of workers | 3 | 0.5 | 7 | 2 |

Photographs of the project



Photographs of the Environment data board





Photographs of the industrial premises



Photographs of the parking area provided within project



Photographs of the fire extinguisher provided within unit



Photographs of the medical facility provided



Photographs of 24 × 7 air monitoring station installed

Green Area Photographs (Existing unit)





Green Area Photographs (Addition land)





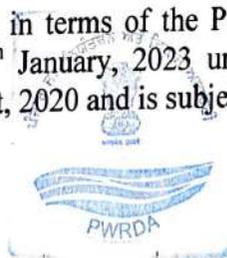
PUNJAB WATER REGULATION AND DEVELOPMENT AUTHORITY
 sco 149-152, Sector 17 c, Chandigarh – 160017
PERMISSION FOR EXTRACTION OF GROUNDWATER
(Under The Punjab Groundwater Extraction And Conservation Directions, 2023)

| | | | |
|------------|------------------------|-----------------------------|-------------|
| Unit ID: | Permission Number: | Date of Grant of Permission | Valid up to |
| 0850101445 | PWRDA/I/01/2025/L2/503 | 09.01.2025 | 08.01.2028 |

| | | | |
|---|---|--|--------------------------------------|
| 1 | Name of Unit: | Allied Recycling Limited | |
| 2 | Activity of Unit: | Industrial | |
| 3 | Address/Location of Unit: | VPO Bhudhewal, Chandigarh Road, Tehsil Kum Kalan, Ludhiana | |
| | | District Ludhiana | PIN: 141112 |
| 4 | Assessment Area (Block): | Ludhiana-II | Status: Orange |
| 5 | District | Ludhiana | |
| 6 | Head Office Address: | VPO Bhudhewal, Chandigarh Road, Tehsil Kum Kalan, Ludhiana | |
| | | District Ludhiana | PIN: 141112 |
| | Email | alliedrecyclinglimited@gmail.com | |
| | Phone/Mobile No. | 99142-00019 | |
| 7 | Project Status: | Existing: 16-12-2004 | |
| 8 | No. of Existing Tube-Wells | No. of Proposed Tube-Wells | Total Number of Tube-Wells Permitted |
| | | 02 | 00 |
| 9 | Volume of Ground Water Permitted to be Extracted(m ³ /month) | Fresh | Brackish/Saline |
| | | 1815 | - |

Note: This permission is granted in terms of the Punjab Groundwater Extraction and Conservation Directions, 2023 notified on 27th January, 2023 under section 15 of the Punjab Water Resources (Management and Regulation) Act, 2020 and is subject to the conditions given overleaf.

Dated: 09.01.2025
 Place: Chandigarh




 Executive Engineer
 Punjab Water Regulation and Development Authority
 Chandigarh.

Terms and Conditions

- 1) User shall comply with the provisions of the Punjab Water Resources (Management and Regulation) Act, 2020, The Punjab Groundwater Extraction and Conservation Directions, 2023 and other Regulations, Directions and instructions issued by the Authority from time to time.
- 2) The User shall install a water meter of required Specifications at each extraction structure and inform PWRDA along with a Calibration Certificate. The water meter shall conform to the technical specifications, performance parameters and connectivity standards, etc. as required by the Authority. The timeline for installation of water meters of required specifications shall be:
The unit having existing extraction structure/(s), shall install required water meter on each existing extraction structure within six months of the date of permission.
The Unit proposing to construct extraction structure/(s), shall install required water meter on each of the proposed extraction structure within six months from the date of installation of the extraction structure/(s).
- 3) The User (if required to install piezometer as per Directions) shall install the piezometer of the required specifications within six months of the date of permission or the date of commencement of groundwater extraction, whichever is later . (refer para 5.2 of the Directions).
- 4) Payment Cycle and Schedule shall be as per para 4.8 of the Directions.
- 5) In case of proposed water extraction structure which is yet to be commissioned, the user will intimate the Authority regarding all the details of the structure within 15 days of energizing of structure.
- 6) In case a Unit comprises or contains a stadium/cricket ground or other sports ground/sports court or golf course etc. then the User shall ensure an appropriate mechanism for rainwater harvesting i.e. storage and reuse (without artificial recharge), within three months of the date of permission.
- 7) This Permission does not absolve the Unit of its obligations to obtain other required statutory and administrative clearances from appropriate Authorities.
- 8) The issue of this Permission does not imply that other statutory or administrative clearances shall necessarily be granted to the unit by the concerned Authorities.
- 9) This Permission is being issued without any prejudice to the orders of any court of law in cases related to groundwater or any other related matters.
- 10) The Authority may inspect the Unit and original documents at any time. In case it is found that any material facts have been concealed or misreported or any material difference is found in the information submitted and the site conditions or documents, the Authority may suspend the permission granted immediately and may cancel or alter the permission after giving a notice to the Unit. This will be without prejudice to any other action that may be taken under the law for supply of wrong information.
- 11) The User is advised to keep on checking the website of the Authority for updates on Directions and instructions on matters related to extraction of groundwater.
- 12) The User shall obtain revised/varied/fresh permission as the case may be, in case there is any change in ground water extraction structure, volume etc, before the aforesaid change is affected or within the time permitted under the Directions.
- 13) A user shall apply for renewal of permission in the required format three months prior to the expiry of permission.
- 14) The user shall upload all the data along with the required documents on online portal (<https://pwrda.punjab.gov.in>) for legacy entry within three months of the date of permission

ENVIROZONE[®] PRIVATE LIMITED

Envirozone Instruments & Equipments Pvt. Ltd.
E-Mail: envirozonehelp@gmail.com
service@envirozoneindia.com



Corres. & Regd. Office: 704, Tower-7, Panchsheel Primrose,
Opp. Govindpuram, Ghaziabad (U.P)-201013, INDIA
Mobile No.: +91 85959 51880 | +91 76830 96973

FORTUNEXIS

Automation Private Limited

E-Mail: service@fortunexis.in

Ref. No. _____

Date: 16/02/2024

| | | | | | |
|----------------|---------------------------------|-----------------|-------------|-------------|--------------------------------|
| Customer | ALLIED RECYCLING LTD. | | | | |
| Address | Bhudhewal road Ludhina (Punjab) | | | | |
| Contact Person | Mr.Ravi sharma | Designation | Sr. Manager | Contact No. | 6239882797 |
| Instruments | (4) PM Analyzer | Model | EZ320 LBS | Sr. No. | PM20240102LBS PM20240103LBS |
| Device Id | M2m logger 2210100747 | P.O. No. & Date | | | |

Installation & Commissioning () CMC () AMC () Under Warranty () Out Of Warranty ()

1. There are two PM Analyzer installed in Machine room.
2. There are 4 Furnace so Each furnace installed One PM Sensor
3. The Furnace C & A PM value shown on Analyzer (PM20240103LBS) Display. And Furnace B&D are shown on Analyzer (PM20240102LBS) Display
4. Sensors wire from the all 4 Furnace are routed to the PM display unit along the cable tray.
5. Both PM Analyzer (4 Sensors) are working properly.
6. Please provide Dry Instrument Air on stack near sensors for Cleaning
7. Which JIO SIM Provided by you its not working so please provide a new Airtel /idea sim card
8. We have configured the Data logger with the temporary Sim card
9. The PM Analyzer handover to Mr. Pathak sir *(Installed)*.
10. Tow PM test report and also two user Manual submitted to Mr. Pathak sir

Customer's Remark:

Engineer Signature:

[Signature]
16/02/2024

Customer's Signature:



Name & Designation:

16/2/24

Name:

Md. Israrul
Mob - 8756976160

Stamp:



Central Pollution Control Board

Welcome Industry user (Logout) Menu ☰

- SPCB Regional Office
- PPCB
- Industry Representatives

Allied Recycling Limited(08PB564) Iron and Steel  

Vpo: Budhewal, Chandigarh Road, Ludhiana East, Ludhiana, Punjab-141112, Ludhiana Punjab PIN - 141112

Station: 4

| Stack | PM | Value | Diagnostic Status | Time | Standard | Graph |
|--------------|----|------------------------|---|-----------------------------|--|---|
| Stack_1_5Ton | PM | 0 mg/Nm ³ |  | Aug 7, 2024 4:05:01 PM Time | 150 mg/Nm ³ Prescribed Standard |  |
| Stack_2_5Ton | PM | 1.2 mg/Nm ³ |  | Aug 7, 2024 4:05:01 PM Time | 150 mg/Nm ³ Prescribed Standard |  |
| Stack_3_5Ton | PM | 0 mg/Nm ³ |  | Aug 7, 2024 4:05:01 PM Time | 150 mg/Nm ³ Prescribed Standard |  |
| Stack_4_6Ton | PM | 0 mg/Nm ³ |  | Aug 7, 2024 4:10:01 PM Time | 150 mg/Nm ³ Prescribed Standard |  |

Online Alerts

(Last 30 days)

No Alerts

SMS Communicated

0

(Last 7 Days)



Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

TEST REPORT



| | | | |
|-----------------------------------|--|----------------------------------|-------------------------------|
| ULR No : TC1181824000011930F | | Test Report No : NPEL071224EM002 | |
| Type of Sample : Process Emission | | | |
| Reference Type : Telephonic | | Reference No : Dt:06.12.2024 | |
| Customer Name | M/s Allied Recycling Limited. | | |
| Customer Address | Chandigarh Road, Village Budhewal, Tehsil Kum Kalan, Distt. Ludhiana Punjab | Period of Sampling | 07/12/2024 - 07/12/2024 |
| Sampling Protocol | IS 11255, CPCB: LATS/80/2013-14 | Date of Sample Receipt | 07/12/2024 |
| Mode of Collection of Sample | Sample collected by Laboratory | Period of Analysis | 07/12/2024 - 10/12/2024 |
| Source of Emission | Induction Furnace-A (5TPH) | Date of reporting | 10/12/2024 |
| Stack Description | Single, Circular & Metal | Fuel Used | NA |
| Point of Sample Collection | From Port Hole after APCD | APCD Details (If provided) | Cyclone Separator, Bag Filter |
| Standard/Specifications | Emission- Process: EPA 1986 | | |
| Testing Location | On Site & Permanent Facility | | |

RESULTS

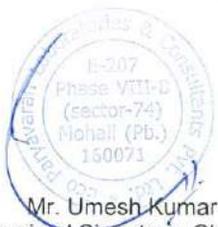
1. Chemical

I. Atmospheric Pollution (Process Emission)

| Sr.No | Test Parameter | Unit | Result | Standard | Test Method |
|-------|--------------------|--------------------|---------|----------|-------------------|
| 1 | Particulate Matter | mg/Nm ³ | 71 | 150 | IS 11255 (Part-1) |
| 2 | Sulphur Dioxide | mg/Nm ³ | BDL (5) | - | EL/SOP/FGA/01 |
| 3 | Oxides of Nitrogen | mg/Nm ³ | 140 | - | EL/SOP/FGA/01 |
| 4 | Carbon Monoxide | mg/Nm ³ | 52 | - | EL/SOP/FGA/01 |

Remarks : NA

End of Report



Mr. Umesh Kumar
Authorized Signatory- Chemical

EL-FMT-7.8.2-SE

Page No.1/2

ECO BHAWAN E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071

0172-4616225 | 9781303109 | contact@ecoparyavaran.org | md@ecoparyavaran.org | www.ecoparyavaran.org

TEST REPORT



ULR No : TC1181824000011930F

Test Report No : NPEL071224EM002

Type of Sample : Process Emission

OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions :

1. The results relate only to the items tested.
2. Giving opinions does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any liability caused by use or misuse of Test Report.
3. The Test Report shall not be reproduced except in full or part or used as advertisement or evidence in court of law without written approval of the laboratory. Samples drawn under special circumstances like legal cases, the customer must declare the same at the time of submission.
4. Complaint log book is with Quality Cell. Contact No. (M) 91 8872 04 3135, Phone 91 172 4616 225 Email: quality@ecoparyavaran.org
5. The samples tested may be preserved for a period but not exceeding 7 days from date of reporting, unless otherwise specifically desired by the customer or regulatory authorities. However, depending upon the nature of samples and effect of preservation the test results of preserved samples may vary. Laboratory also does not assume any responsibility in the test results of samples kept on hold for want of clarification.
6. All disputes are subjected to jurisdiction of Mohali (Punjab) India and maximum liability of the laboratory does not exceed the testing and sampling charges.
7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.



Mr. Umesh Kumar
Authorized Signatory-Chemical

EL-FMT-7.8.2-SE

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TEST REPORT



| | | | |
|-----------------------------------|--|----------------------------------|-------------------------------|
| ULR No : TC1181824000011931F | | Test Report No : NPEL071224EM003 | |
| Type of Sample : Process Emission | | | |
| Reference Type : Telephonic | | Reference No : Dt:06.12.2024 | |
| Customer Name | M/s Allied Recycling Limited. | | |
| Customer Address | Chandigarh Road, Village Budhewal, Tehsil Kum Kalan, Distt. Ludhiana Punjab | Period of Sampling | 07/12/2024 - 07/12/2024 |
| Sampling Protocol | IS 11255, CPCB: LATS/80/2013-14 | Date of Sample Receipt | 07/12/2024 |
| Mode of Collection of Sample | Sample collected by Laboratory | Period of Analysis | 07/12/2024 - 10/12/2024 |
| Source of Emission | Induction Furnace-B (5TPH) | Date of reporting | 10/12/2024 |
| Stack Description | Single, Circular & Metal | Fuel Used | NA |
| Point of Sample Collection | From Port Hole after APCD | APCD Details (If provided) | Cyclone Separator, bag Filter |
| Standard/Specifications | Emission- Process: EPA 1986 | | |
| Testing Location | On Site & Permanent Facility | | |

RESULTS

1. Chemical

I. Atmospheric Pollution (Process Emission)

| Sr.No | Test Parameter | Unit | Result | Standard | Test Method |
|-------|--------------------|--------------------|---------|----------|-------------------|
| 1 | Particulate Matter | mg/Nm ³ | 80 | 150 | IS 11255 (Part-1) |
| 2 | Sulphur Dioxide | mg/Nm ³ | BDL (5) | - | EL/SOP/FGA/01 |
| 3 | Oxides of Nitrogen | mg/Nm ³ | 148 | - | EL/SOP/FGA/01 |
| 4 | Carbon Monoxide | mg/Nm ³ | 43 | - | EL/SOP/FGA/01 |

Remarks : NA

End of Report



EL-FMT-7.8.2-SE

Page No.1/2

TEST REPORT



ULR No : TC1181824000011931F

Test Report No : NPEL071224EM003

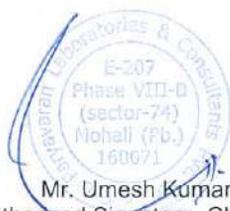
Type of Sample : Process Emission

OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions :

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7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.



Mr. Umesh Kumar
Authorized Signatory- Chemical

TEST REPORT



| | | | |
|-----------------------------------|---|----------------------------------|-------------------------------|
| ULR No : TC1181824000011932F | | Test Report No : NPEL071224EM004 | |
| Type of Sample : Process Emission | | | |
| Reference Type : Telephonic | | Reference No : Dt:06.12.2024 | |
| Customer Name | M/s Allied Recycling Limited. | | |
| Customer Address | Chandigarh Road, Village Budhewal, Tehsil Kum Kalan, Distt. Ludhiana Punjab | Period of Sampling | 07/12/2024 - 07/12/2024 |
| Sampling Protocol | IS 11255, CPCB: LATS/80/2013-14 | Date of Sample Receipt | 07/12/2024 |
| Mode of Collection of Sample | Sample collected by Laboratory | Period of Analysis | 07/12/2024 - 10/12/2024 |
| Source of Emission | Induction Furnace-C (5TPH) | Date of reporting | 10/12/2024 |
| Stack Description | Single, Circular & Metal | Fuel Used | NA |
| Point of Sample Collection | From Port Hole after APCD | APCD Details (If provided) | Cyclone Separator, Bag Filter |
| Standard/Specifications | Emission- Process: EPA 1986 | | |
| Testing Location | On Site & Permanent Facility | | |

RESULTS

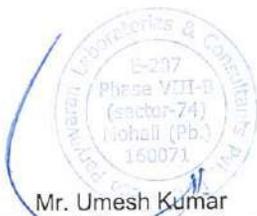
1. Chemical

I. Atmospheric Pollution (Process Emission)

| Sr.No | Test Parameter | Unit | Result | Standard | Test Method |
|-------|--------------------|--------------------|---------|----------|-------------------|
| 1 | Particulate Matter | mg/Nm ³ | 81 | 150 | IS 11255 (Part-1) |
| 2 | Sulphur Dioxide | mg/Nm ³ | BDL (5) | - | EL/SOP/FGA/01 |
| 3 | Oxides of Nitrogen | mg/Nm ³ | 138 | - | EL/SOP/FGA/01 |
| 4 | Carbon Monoxide | mg/Nm ³ | 45 | - | EL/SOP/FGA/01 |

Remarks : NA

End of Report



Mr. Umesh Kumar
Authorized Signatory- Chemical

EL-FMT-7.8.2-SE

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TEST REPORT



ULR No : TC1181824000011932F

Test Report No : NPEL071224EM004

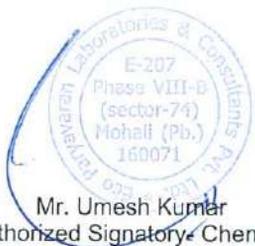
Type of Sample : Process Emission

OTHER INFORMATION

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7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.



Mr. Umesh Kumar
Authorized Signatory Chemical

TEST REPORT



| | | | |
|-----------------------------------|---|----------------------------------|-------------------------------|
| ULR No : TC1181824000011933F | | Test Report No : NPEL071224EM005 | |
| Type of Sample : Process Emission | | | |
| Reference Type : Telephonic | | Reference No : Dt:06.12.2024 | |
| Customer Name | M/s Allied Recycling Limited. | | |
| Customer Address | Chandigarh Road, Village Budhewal, Tehsil Kum Kalan, Distt. Ludhiana Punjab | Period of Sampling | 07/12/2024 - 07/12/2024 |
| Sampling Protocol | IS 11255, CPCB: LATS/80/2013-14 | Date of Sample Receipt | 07/12/2024 |
| Mode of Collection of Sample | Sample collected by Laboratory | Period of Analysis | 07/12/2024 - 10/12/2024 |
| Source of Emission | Induction Furnace-D (6TPH) | Date of reporting | 10/12/2024 |
| Stack Description | Single, Circular & Metal | Fuel Used | NA |
| Point of Sample Collection | From Port Hole After APCD | APCD Details (If provided) | Cyclone Separator, Bag Filter |
| Standard/Specifications | Emission- Process: EPA 1986 | | |
| Testing Location | On Site & Permanent Facility | | |

RESULTS

1. Chemical

I. Atmospheric Pollution (Process Emission)

| Sr.No | Test Parameter | Unit | Result | Standard | Test Method |
|-------|--------------------|--------------------|---------|----------|-------------------|
| 1 | Particulate Matter | mg/Nm ³ | 78 | 150 | IS 11255 (Part-1) |
| 2 | Sulphur Dioxide | mg/Nm ³ | BDL (5) | - | EL/SOP/FGA/01 |
| 3 | Oxides of Nitrogen | mg/Nm ³ | 131 | - | EL/SOP/FGA/01 |
| 4 | Carbon Monoxide | mg/Nm ³ | 48 | - | EL/SOP/FGA/01 |

Remarks : NA

End of Report



Mr. Umesh Kumar
Authorized Signatory- Chemical

EL-FMT-7.8.2-SE

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TEST REPORT



ULR No : TC1181824000011933F

Test Report No : NPEL071224EM005

Type of Sample : Process Emission

OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions :

1. The results relate only to the items tested.
2. Giving opinions does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any liability caused by use or misuse of Test Report.
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7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.



Mr. Umesh Kumar
Authorized Signatory- Chemical



Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

TEST REPORT



| | | | |
|--------------------------------|---|----------------------------------|---|
| ULR No : NA | | Test Report No : NAAL180425NA009 | |
| Type of Sample # : Ambient Air | | Date of reporting : 21/04/2025 | |
| Reference Type : Email | | Reference No : Dt.: 05/04/2025 | |
| Customer # | M/s Allied Recycling Limited, Chandigarh Road, Village Budhewal, Tehsil Kum kalan, Distt. Ludhiana, Punjab | | |
| Sampling Protocol | IS 5182, EL-MSP-7.3 | Mode of Collection of Sample | Sample collected by Laboratory Mr. Ravinder Singh |
| Period of Sampling | 17/04/2025 - 18/04/2025 | Date of Receipt of Sample | 18/04/2025 |
| Sampling Location | Near Main gate (Project Site) | Period of Analysis | 18/04/2025 - 21/04/2025 |
| Standard/Specifications | National Ambient Air Quality: G.S.R.No.B-29016/20/19/PCI-L dated 18 Nov, 2009 | Environmental Condition | Clear sky |
| Testing Location | On Site & Permanent Facility | | |

RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Ambient Air)

| Sr.No | Test Parameter | Unit | Result | Standard | Test Method |
|-------|---|-------------------|--------|-----------|-------------------------------|
| 1 | Respirable Suspended Particulate Matter as PM10 | µg/m ³ | 90 | 100(max.) | IS 5182 (Part 23) |
| 2 | Particulate Matter as PM2.5 | µg/m ³ | 49 | 60(max.) | IS 5182 (Part 24) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 16 | 80(max.) | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen | µg/m ³ | 26 | 80(max.) | IS 5182 (Part 6) |
| 5 | Ammonia as NH ₃ | µg/m ³ | 27 | 400(max.) | IS 5182 (Part 25) |
| 6 | Ozone as O ₃ | µg/m ³ | 28 | 180(max.) | IS 5182 (Part 9) |
| 7 | Carbon Monoxide as CO | mg/m ³ | 0.76 | 4(max.) | IS 5182 (Part 10) NDIR method |

Remarks : # Information provided by customer.

End of Report



Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

EL-FMT-7.8.2 -AA

Page No.1/2

TEST REPORT



ULR No : NA

Test Report No : NAAL180425NA009

Type of Sample # : Ambient Air

Date of reporting : 21/04/2025

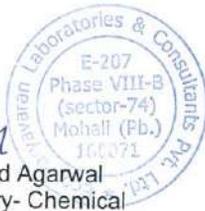
OTHER INFORMATION

Abbreviation : ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

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4. Complaint log book is with Quality Cell. Contact No. (M) 91 8872 04 3135, Phone 91 172 4616 225 Email: quality@ecoparyavaran.org
5. The samples tested may be preserved for a period but not exceeding 7 days from date of reporting, unless otherwise specifically desired by the customer or regulatory authorities. However, depending upon the nature of samples and effect of preservation the test results of preserved samples may vary. Laboratory also does not assume any responsibility in the test results of samples kept on hold for want of clarification.
6. All disputes are subjected to jurisdiction of Mohali (Punjab) India and maximum liability of the laboratory does not exceed the testing and sampling charges.
7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.


Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical



TEST REPORT



| | | | |
|----------------------------------|--|----------------------------------|---|
| ULR No : NA | | Test Report No : NANL180425NA010 | |
| Type of Sample # : Ambient Noise | | Date of reporting : 21/04/2025 | |
| Reference Type : Email | | Reference No : Dt.: 05/04/2025 | |
| Customer Name # | M/s Allied Recycling Limited | | |
| Address # | Chandigarh Road, Village Budhewal, Tehsil Kum kalan, Distt. Ludhiana, Punjab | | |
| Sampling Protocol | IS 9989, EL-MSP-7.3 | Mode of Collection of Sample | Sample collected by Laboratory Mr. Ravinder Singh |
| Period of Sampling | 17/04/2025 - 17/04/2025 | Date of Receipt of Sample | 18/04/2025 |
| Sampling Location | Refer below^ | Period of Analysis | 18/04/2025 - 19/04/2025 |
| Standard/Specifications | EPA 1986 Schedule-III | Environmental Condition | -- |
| Testing Location | On Site & Permanent Facility | | |

RESULTS

I. Chemical Testing

1. Atmospheric Pollution(Ambient Noise Levels)

| Sr.No | Location ^ | Unit | Result (Day) | Test Method |
|-------|----------------------------------|-------|--------------|--------------|
| 1 | Near Main Gate (At Project Site) | dB(A) | 72.1 | EL/SOP/AN/01 |

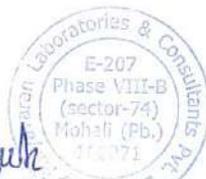
Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

| Area Code | Category of Area/Zone | Limits in dB(A) Leq* Day Time | Limits in dB(A) Leq* Night Time |
|-----------|-----------------------|----------------------------------|------------------------------------|
| A | Industrial Area | 75 | 70 |
| B | Commercial Area | 65 | 55 |
| C | Residential Area | 55 | 45 |
| D | Silence Zone | 50 | 40 |

Day time shall mean from 6.00 a.m. to 10.00 p.m., Night time shall mean from 10.00 p.m. to 6.00 a.m., Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority, Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority. *dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale 'A' which is relatable to human hearing

Remarks : # Information provided by customer.

End of Report



Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

TEST REPORT



ULR No : NA

Test Report No : NANL180425NA010

Type of Sample # : Ambient Noise

Date of reporting : 21/04/2025

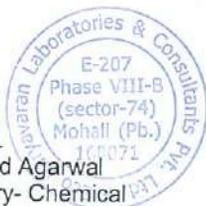
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7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.

Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical



TEST REPORT



| | | | |
|--|--|----------------------------------|-------------------------|
| ULR No : NA | | Test Report No : NGWL170425NA064 | |
| Type of Sample # : Water- Ground Water | | | |
| Reference Type : Email | | Reference No : Dt.: 05/04/2025 | |
| Customer Name # | M/s Allied Recycling Limited | | |
| Address # | Chandigarh Road, Village Budhewal, Tehsil Kum kalan, Distt. Ludhiana, Punjab | Period of Sampling | 17/04/2025 - 17/04/2025 |
| Sampling Protocol | IS 17614 (Part 1), EL-MSP-7.3 | Date of Receipt of Sample | 17/04/2025 |
| Sample Collection Mode | Sample collected by Laboratory Mr. Ravinder Singh | Period of Analysis | 17/04/2025 - 21/04/2025 |
| Testing Location | Permanent Facility | Date of reporting | 21/04/2025 |
| Sampling Location | Borewell (Project Site) | | |
| Sample Description | Clear, colourless liquid | | |
| Standard/Specifications | IS 10500 : 2021 | | |
| Packing, Markings, Seal & Qty. | PE Bottle-1 litre (R/17/01A), Glass Bottle-1 litre (R/17/01B), Glass Bottle-1 litre (R/17/01C) & Glass Bottle-500ml (R/17/01D) | | |

RESULTS

1. Chemical Testing

I. Water (Water- Ground Water)

| Sr.No | Test Parameter | Unit | Result | Acceptable Limit | Permissible Limit in Absence of Alternate Source | Test Method |
|-------|-------------------------------------|------|-----------|------------------|--|-------------------------|
| 1 | Colour | CU | BDL (1) | 5(Max.) | 15(Max.) | IS 3025 (Part 4) CI 2.0 |
| 2 | Odour | - | Agreeable | Agreeable | Agreeable | IS 3025 (Part 5) |
| 3 | pH @ 25°C | - | 7.28 | 6.5-8.5 | No relaxation | IS 3025 (Part 11) |
| 4 | Taste | - | Agreeable | Agreeable | Agreeable | IS 3025 (Part 8) |
| 5 | Turbidity | NTU | BDL (0.1) | 1 | 5 | IS 3025 (Part 10) |
| 6 | Chloride as Cl | mg/l | 17 | 250(Max.) | 1000(Max.) | IS 3025 (Part 32) |
| 7 | Iron as Fe | mg/l | 0.022 | 1.0(Max.) | No Relaxation | USEPA 3015A |
| 8 | Total Hardness as CaCO ₃ | mg/l | 135 | 200(Max.) | 600(Max.) | IS 3025 (Part 21) |


Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical


Ms. Lata Thakur
Authorized Signatory - Biological

TEST REPORT



ULR No : NA

Test Report No : NGWL170425NA064

Type of Sample # : Water- Ground Water

2. Biological Testing

II. Water (Water- Ground Water)

| Sr.No | Test Parameter | Unit | Result | Acceptable Limit | Permissible Limit in Absence of Alternate Source | Test Method |
|-------|----------------|--------------------------|--------|--|--|-------------|
| 1 | Total Coliform | Present or Absent/10 0ml | Absent | shall not be detectable in any 100 ml sample | - | IS 15185 |
| 2 | E.coli. | Present or Absent/10 0ml | Absent | shall not be detectable in any 100 ml sample | - | IS 15185 |

Remarks : # Information provided by customer.

End of Report

OTHER INFORMATION

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Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical


Ms. Lata Thakur
Authorized Signatory - Biological



TEST REPORT



| | | | |
|--------------------------------|--|---------------------------------|-------------------------|
| ULR No : NA | | Test Report No : NSL170425NA065 | |
| Type of Sample # : Soil | | | |
| Reference Type : Email | | Reference No : Dt.: 05/04/2025 | |
| Customer Name # | M/s Allied Recycling Limited | | |
| Address # | Chandigarh Road, Village Budhewal, Tehsil Kum kalan, Distt. Ludhiana, Punjab | Period of Sampling | 17/04/2025 - 17/04/2025 |
| Sampling Protocol | USEPA/600/R-92/128, EL-MSP-7.3 | Date of Receipt of Sample | 17/04/2025 |
| Sample Collection Mode | Sample collected by Laboratory Mr. Ravinder Singh | Period of Analysis | 17/04/2025 - 21/04/2025 |
| Testing Location | Permanent Facility | Date of reporting | 21/04/2025 |
| Sampling Location | Project Site | | |
| Sample Description | Brown coloured soil. | | |
| Standard/Specifications | Manual- Dept. of Agriculture (Gol); 2011 | | |
| Packing, Markings, Seal & Qty. | 5 Kg Poly Bag Marked (R/17//01) | | |

RESULTS

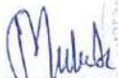
1. Chemical Testing

I. Pollution & Environment (Soil)

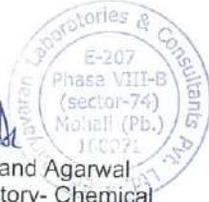
| Sr.No | Test Parameter | Unit | Result | Test Method |
|-------|--------------------------------|-------|------------|----------------------------|
| 1 | Electrical Conductivity @ 25°C | mS/cm | 0.289 | IS 14767 |
| 2 | Organic Matter | % | 1.15 | IS: 2720 (Part XXII) Sec-1 |
| 3 | pH @ 25°C | - | 8.18 | IS 2720 (Part 26) Cl 2 |
| 4 | Moisture Content | % | 5.8 | IS:2720 (Part-II) Sec-1 |
| 5 | Texture | - | Sandy Loam | IS:2720 (Part-4) Cl 2,4 |
| 6 | Bulk Density | gm/cc | 1.56 | IS: 2720 (Part-7) |

Remarks : # Information provided by customer.

End of Report



Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical



E-207
Phase VIII-B
(Sector-74)
Mohali (Pb.)
160071

TEST REPORT



ULR No : NA

Test Report No : NSL170425NA065

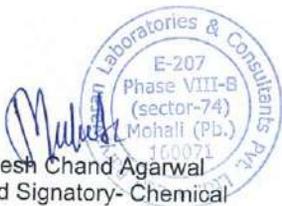
Type of Sample # : Soil

OTHER INFORMATION

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Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

TEST REPORT

| | | | |
|--------------------------------|--|-----------------------------------|-------------------------|
| ULR No : NA | | Test Report No : NSL170425NA065/A | |
| Type of Sample # : Soil | | Reference No : Dt.: 05/04/2025 | |
| Reference Type : Email | | Reference No : Dt.: 05/04/2025 | |
| Customer Name # | M/s Allied Recycling Limited | | |
| Address # | Chandigarh Road, Village Budhewal, Tehsil Kum kalan, Distt. Ludhiana, Punjab | Period of Sampling | 17/04/2025 - 17/04/2025 |
| Sampling Protocol | USEPA/600/R-92/128, EL-MSP-7.3 | Date of Receipt of Sample | 17/04/2025 |
| Sample Collection Mode | Sample collected by Laboratory Mr. Ravinder Singh | Period of Analysis | 17/04/2025 - 21/04/2025 |
| Testing Location | Permanent Facility | Date of reporting | 21/04/2025 |
| Sampling Location | Project Site | | |
| Sample Description | Brown coloured soil. | | |
| Standard/Specifications | Manual- Dept. of Agriculture (GoI); 2011 | | |
| Packing, Markings, Seal & Qty. | 5 Kg Poly Bag Marked (R/17//01) | | |

RESULTS

1. Chemical Testing

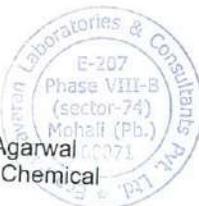
I. Pollution & Environment (Soil)

| Sr.No | Test Parameter | Unit | Result | Test Method |
|-------|----------------|------|--------|-------------------------|
| 1 | Sand | % | 73 | IS:2720 (Part-4) CI 2,4 |
| 2 | Silt | % | 12 | IS:2720 (Part-4) CI 2,4 |
| 3 | Clay | % | 13 | IS:2720 (Part-4) CI 2,4 |

Remarks : # Information provided by customer.

End of Report

Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical



EL-FMT-7.8.2-S

Page No.1/2

TEST REPORT

ULR No : NA

Test Report No : NSL170425NA065/A

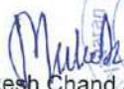
Type of Sample # : Soil

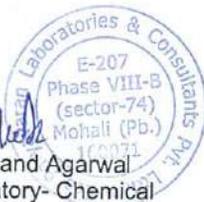
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Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical





PUNJAB POLLUTION CONTROL BOARD

Zonal Office-I, E-648-B, Focal Point, Phase-5, Ludhiana

Website:- www.ppcb.gov.in

| | | |
|--|------------------------------|----------------------------------|
| Office Dispatch No : | Registered/Speed Post | Date: |
| Industry Registration ID : R12LDH123012 | | Application No : 13250786 |

To,
Vijay Abrol
H.NO.773-B, AGGAR NAGAR, LUDHIANA, 141002, Punjab, INDIA
Ludhiana,Ludhiana-141012

Subject: Renewal of Authorization for operating a facility for 'Collection, Generation, Storage, ' of Hazardous Wastes as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 .

Vijay Abrol of Allied recycling limited is hereby granted an authorisation based on the enclosed signed inspection report for Collection, Generation, Storage, on the premises situated at Vpo: budhewal, chandigarh road, Ludhiana east, Ludhiana i-141112

1. Particulars of Authorization granted to the Industry

| | |
|--|------------------------------|
| Authorization No | HWM/renew/LDH1/2020/13250786 |
| Previous Authorization No | HWM/renew/LDH1/2019/9849885 |
| Date of issue : | 15/10/2020 |
| Date of expiry : | 14/10/2025 |
| Previous Authorization Date of Issue : | 14/10/2019 |
| Previous Authorization Date of Expiry : | 13/10/2024 |
| Authorization Type : | renew |

2. Particulars of the Industry

| | |
|--|---|
| Name & Designation of the Applicant | VIJAY ABROL, (DIRECTOR) |
| Address of Industrial premises | Allied recycling limited, Vpo: budhewal, chandigarh road, Ludhiana east,Ludhiana i-141112 |
| Capital Investment of the Industry | 5432.92 lakhs |
| Category of Industry | Red |
| Type of Industry | Integrated Iron and Steel |
| Scale of the Industry | Large |
| Office District | Ludhiana i |

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Allied recycling limited,Vpo: budhewal, chandigarh road,Ludhiana east,Ludhiana i,141112

3. Particulars of Wastes

| Category of Hazardous Waste as per the Schedules I,II and III of these rules | Authorised mode of disposal or recycling or utilisation or co-processing, etc | Quantity (ton/annum) |
|--|---|----------------------|
| Schedule I 35.1-Exhaust Air or Gas cleaning residue | Collection , Storage | 10.50 T/Annum |
| Schedule I 5.1-Used or spent oil | Generation , Collection , Storage | 3.6 KL/Annum |
| Schedule I 35.1-Exhaust Air or Gas cleaning residue | Generation , Collection , Storage | 10.50 T/Annum |

4. The authorisation is subject to the general and specific conditions as appended with the Authorization.



15/10/2020

(Ravinder Bhatti)
Environmental Engineer

*For & on behalf
of*

(Punjab Pollution Control Board)

Endst. No.:

Dated:

A copy of the above is forwarded to the following for information and necessary action please:

Environmental Engineer, Punjab Pollution Control Board, Regional Office-1, Ludhiana for information and necessary action.

15/10/2020

(Ravinder Bhatti)
Environmental Engineer

*For & on behalf
of*

(Punjab Pollution Control Board)

"This is computer generated document from OCMMS by PPCB"

Allied recycling limited, Vpo: budhewal, chandigarh road, Ludhiana east, Ludhiana i,141112

TERMS AND CONDITIONS

A. GENERAL CONDITIONS

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on *½*Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty $\frac{1}{2}$.
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation.
11. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
12. An application for the renewal of an authorisation shall be made as laid down under these Rules.
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

B. SPECIFIC CONDITIONS



15/10/2020

(Ravinder Bhatti)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)



Works : G.T. Road, Sirhind Side, Mandi Gobindgarh-147 301 (Punjab)
CIN : U27109DL1992PTC286177

January 3, 2023

To
Allied Recycling Limited,
VPO: Budhewal, Chandigarh Road,
Ludhiana – 141112.

Sub: Confirmation regarding lifting of Hazardous Waste after expansion of existing unit.

Dear Sir,

We are recycler of Hazardous Waste category 35.1 i.e. APCD Dust duly authorized by Punjab Pollution Control Board having authorization of Collection, Storage, Transportation, Reception, Recycling, Treatment and Disposal of Hazardous waste through authorization No. HWM/Fresh/FGS/2022/19571887 issued on dated 29/09/2022 valid till 28/09/2027. Self-attested Copy is Authorization is enclosed.

We are glad to confirm that, as on today, we have spare capacity and will lift additional quantity of Hazardous waste generated after expansion of existing unit.

Thanking You,

For Jogindra Castings Private Limited

Authorised Signatory.



INDIA NON JUDICIAL
Government of Punjab

सत्यमेव जयते

e-Stamp

| | |
|---------------------------------|---|
| Certificate No. | : IN-PB31058700906172V |
| Certificate Issued Date | : 18-Aug-2023 04:08 PM |
| Certificate Issued By | : pbskwnsiu |
| Account Reference | : NEWIMPACC (SV)/ pb7051104/ LUDHIANA/ PB-LD |
| Unique Doc. Reference | : SUBIN-PBPB705110463572260145279V |
| Purchased by | : AJEET KUMAR |
| Description of Document | : Article 5 Agreement or Memorandum of an Agreement |
| Property Description | : Not Applicable |
| Area of Property | : Not Applicable |
| Consideration Price (Rs.) | : 0 (Zero) |
| First Party | : ALLIED RECYCLING LIMITED |
| Second Party | : Not Applicable |
| Stamp Duty Paid By | : ALLIED RECYCLING LIMITED |
| Stamp Duty Amount(Rs.) | : 100 (One Hundred only) |
| Social Infrastructure Cess(Rs.) | : 0 (Zero) |
| Total Stamp Duty Amount(Rs.) | : 100 (One Hundred only) |



Please write or type below this line

IN-PB31058700906172V

For Allied Recycling Limited

[Signature]
Director

For Sahil Tile Industries

[Signature] Prop.

IRD 0012026982

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at www.shcilestamp.com or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

Agreement

This **Agreement** (hereinafter referred to as the "agreement") made on this 13TH Day of October of the year 2023 by and between:

M/s Allied Recycling Limited having its Steel Manufacturing Unit located at Village: Budhewal, Chandigarh Road, Distt. Ludhiana, Punjab; (herein after called the "**First Party**") which expression shall unless repugnant to the context or meaning thereof, be deemed to mean and include its successors and permitted assigns) represented by **Mg. Director, Mr. Hitesh Abrol**

AND

Sahil Tile Industries having its office at Jodhan Khandur Road, Vill: Jodhan, Ludhiana, Punjab (herein after referred to as the "**Second Party**", which expression shall unless repugnant to context or meaning thereof, be deemed to mean and include its successors and permitted assigns) represented by **Mr. Sahil Sapra - Proprietor**.

WHEREAS First Party is a Steel manufacturing unit located at Village: Budhewal, Chandigarh Road, Distt. Ludhiana, Punjab. The industrial unit deals with the manufacturing of Steel Billet and Wire Rod

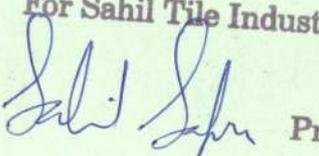
WHEREAS Second Party is an Interlocking tiles, Kerb Stone, Precast wall, RCC Wall manufacturing unit located at Jodhan Khandur Road, Vill: Jodhan, Ludhiana, Punjab. The industrial unit deals with the manufacturing of concrete blocks/ cement/ interlocking tiles.

AND WHEREAS both the parties have agreed that second Party, during the Term of this agreement (as defined hereinafter), shall carry out Co-processing of the Material (Slag in its plant on the terms and condition hereinafter appearing.

AND WHEREAS both the parties have agreed that Second Party, during the term of this agreement (as defined hereinafter), shall carry out Co- Processing of the Slag in its Plant on the terms and condition hereinafter appearing. The Second Party hereby agrees to take 650 MT of slag per month from the First Party and will continue to take till the tenure of agreement is over.

For Allied Recycling Limited

Director⁷⁷

For Sahil Tile Industries

Prop.

NOW THIS AGREEMENT WITNESSETH AS UNDER:

1. EXECUTION OF SERVICES:

1.1 Co-processing

- **Second Party** shall, during the TERM of this Agreement carry out the co-processing of all the consignments of the slag, dispatched to their plant.
- **Second Party** declares and undertakes that it shall carry out Co-processing of the slag in such manner as not to cause or potentially cause the pollution of the environment, danger to the health and safety of the public or to animals and vegetation, or loss, wrong handling, improper or incorrect treatment, processing and disposal of slag.

1.2 Transportation of Material

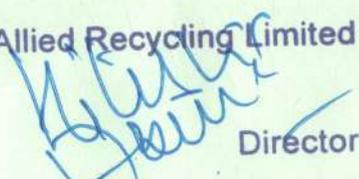
Transportation of the slag will be done on the cost of First Party. It will be transported to the Second Party every month by using covered trucks.

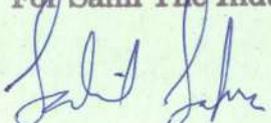
1.3 Quantity & Schedule of Delivery

- First Party shall dispatch the entire quantities of the Material accumulated at its manufacturing unit to the **Second Party** free of all costs on the basis of a delivery challan that mentions "Nil Commercial Value".
- First Party shall arrange for loading of material at their Manufacturing Unit and Second Party shall arrange unloading, storage and handling of the material at their plant.

1.4 General Responsibilities

- In the event Second is required to comply with statutory regulations and guidelines framed by the concerned authorities or Government Agency relating to emission monitoring for demonstrating the performance of Co-processing of the Material pursuant to the Agreement, the same shall be complied by Second Party in consultation with First Party.
- First Party shall be responsible for the compliance of all statutory regulations and guidelines as applicable to its employees, agents or representatives engaged in storage, handling and loading of the Material from their manufacturing plant for onward dispatch to the Second Party.

For Allied Recycling Limited

Director

For Sahil Tile Industries

Prop.

- Second Party shall be responsible to arrange for all tools, tackles and equipment and laboratory facilities within their Plant which are necessary to carry out Co-processing.
- First Party shall ensure that fully loaded Material in truck is dispatched to Second Party.

2. CERTIFICATE OF COMPLETION OF COPROCESSING:

Second Party, at the beginning of every quarter, issue a Certificate of Completion of Co-processing of the Material for the Material Co-processed during the previous quarter to the First Party.

3. SERVICE CHARGES AND PAYMENT TERMS:

- In consideration of Second Party carrying out the co-processing of the Material, First Party shall pay at the rate of Rs. 50/- per MT for slag disposal to the Second Party.
- Second Party shall raise an invoice every month to the First Party towards Co-processing charges, with relevant supporting documents for the Co-processing activity carried out during the previous month.

4. TAXES AND DUTIES:

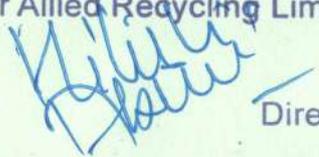
Except as otherwise provided in this Agreement, each Party shall be responsible for and shall discharge their own tax liabilities as required under applicable law.

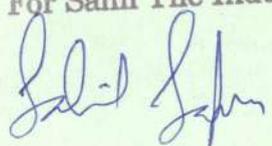
5. TERM:

The Agreement shall be valid initially for a term of **Five Years** from the date of execution of this Agreement with an option of renewal for future with mutual consent and on terms and conditions as may be agreed between the parties.

6. TERMINATION OF AGREEMENT

- The parties hereto terminate this Agreement due to business exigencies by mutual discussion only, which shall be confirmed in a written document executed by the Parties.

For Allied Recycling Limited

Director

For Sahil Tile Industries

Prop.

- Each Party may also terminate this Agreement by giving to the other Party a Ninety (90) days prior notice in writing in the event of breach of the terms and conditions of the Agreement committed by the other party.

IN WITNESSETH WHEREOF this agreement is executed in two counterparts on the day and year first above written. Each party hereto shall preserve on counterpart of the Agreement.

SIGNED AND DELIVERED for and on the behalf of

Signature On Behalf of First Party

Allied Recycling Limited

For Allied Recycling Limited

[Handwritten Signature]
Director

Hitesh Abrol

(Mg. Director)

Witness:

[Handwritten Signature]

G. Pathak
Street No. 1, New Law Nagar,
Mediana, Kalan, CDH.

Signature On Behalf of Second Party

**M/s Sahil Tile Industries
For Sahil Tile Industries**

[Handwritten Signature] Prop.

Sahil Sapra

(Proprietor)

Witness:

[Handwritten Signature]
(RAVI KUMAR SHARMA)
SATGURU STREET,
NEW MODEL TOWN,
SAMNEWAL, LUDHIANA.

Carbon Footprint and Carbon Sequestration Report

For

M/s Allied Recycling Limited

(VPO Budhewal, Chandigarh Road, Tehsil Kum

Kalan, District Ludhiana, Punjab.)



Prepared by

Dr. Rai Singh,

(NABET Approved FAE for AP, AQ, NV and RH)



ECO PARYAVARAN LABORATORIES & CONSULTANTS PVT. LTD.

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(2024)

ABOUT CARBON FOOTPRINT

Background

In the twenty-first century, climate change is one of the most significant and irreversible global threats, primarily affecting agriculture and putting food security in danger. It also accelerates coastal zone erosion, intensifies natural disasters, causes species extinction, and spreads vector-borne diseases. It is the outcome of a rise in temperature brought on by the concentration of greenhouse gases (GHGs) in the atmosphere. The world's continents are being adversely affected by the regular climate-related disasters. It is a direct outcome of excessive GHG emissions brought on by human activity, especially the unchecked burning of fossil fuels and other changes in land use.

The first step in reducing emissions and the harm they cause at any level—global, regional, national, organizational, household, and individual—is to understand the GHGs and their emissions, sources and sinks. The purpose of the report is to comprehend greenhouse gas assessments (also known as carbon footprint assessments) and perform them to lessen the effects of climate change on the environment, natural resources, and people.

Carbon Footprint

The measurement of all greenhouse gas emissions that are discharged into the atmosphere is known as the carbon footprint. These emissions are the result of decisions and deeds made by a person, a business, or a government. Carbon footprint is calculated as the "Carbon Dioxide Equivalent" or "CO₂e" of all carbon dioxide emissions. The term "Carbon Dioxide Equivalent" or "CO₂e" is used to group various greenhouse gases into a single quantity. The amount of CO₂e that would have the same effect on global warming for any quantity and kind of greenhouse gas. By multiplying the amount of a GHG by its Global Warming Potential (GWP), a GHG's amount can be represented as CO₂ e.

E.g. If 1 kg of methane with a 25-fold GWP is released, this can be transcribed into 25 kg of CO₂e. (1kg CH₄ x 25 = 25kg CO₂e).



Global Warming Potential (GWP)

The radiative properties of greenhouse gases that stay in the atmosphere and their relative efficiency in absorbing outgoing infrared radiation are described by the global warming potential (GWP) as an index. This index roughly represents the warming effect, relative to carbon dioxide, of a unit mass of a given greenhouse gas in the atmosphere today.

| Green house Gas | Global Warming Potential (GWP) of the 2 nd Assessment Report | Global Warming Potential (GWP) of the 4 th Assessment Report |
|--|---|---|
| 1. Carbon Dioxide (CO ₂) | 1 | 1 |
| 2. Methane (CH ₄) | 21 | 25 |
| 3. Nitrous Oxide (N ₂ O) | 310 | 298 |
| 4. Hydrofluorocarbons (HFCs) | 140-11,700 | 124-14,800 |
| 5. Perfluorocarbons (PFCs) | 6,500-9,200 | 7,390-12,200 |
| 6. Sulphur Hexafluoride (SF ₆) | 23,900 | 22,800 |
| 7. Nitrogen Trifluoride (NF ₃) | - | - |

Source: Greenhouse Gas Protocol

Components of Carbon footprint

Controlling your emissions as a company is essential to addressing the issue of climate change. You need to be aware of the numerous ways that you add to the difficulty in this regard. If not, your emissions reduction initiatives might not be all-encompassing.

The three categories that make the carbon emissions are as follows:

- **Scope 1 - Direct Emissions:** Emissions from sources that are directly owned or managed by the company, such as industrial processes, the burning of boiler fuel, or company vehicles, are referred to as direct emissions.
- **Scope 2 - Indirect Emissions:** Indirect Emissions: These include the steam, heat, and power the company purchases.
- **Scope 3 - Other Indirect Emissions:** These are emissions from sources that the organization does not directly own or administer but that are significant to its operations, like the production of raw materials, transportation, and waste disposal.



Depending on the reason, there are many forms of carbon footprint in addition to the varied emission scopes. They include:

- **Product Carbon Footprint:** This measures the carbon emissions of a good or service from the extraction of raw materials to the conclusion of its useful life.
- **Corporate Carbon Footprint:** Includes emissions produced by the operations, facilities, and operations of an organization.
- **Operational Carbon Footprint:** It is a byproduct of the routine business operations of your company, including the use of energy, transportation, and garbage.



Calculating Carbon Footprint

One of the most often used techniques for determining a company's greenhouse gas emissions is the greenhouse gas protocol. Using this technique, emissions are converted to CO₂ based on their ability to contribute to global warming. Following this, we can calculate actual and real emissions by measuring CO₂ emissions in metric tonnes. The term "Carbon Footprint" refers to the overall greenhouse gas emissions (GHG) that result from operations or other activities.

$$\text{GHG Emissions} = \text{Activity data [A]} \times \text{Emission Factor [EF]}$$

Where,

GHG = Emissions (e.g. amount of CO₂ or CH₄, etc.)

A = Activity data (e.g. liters of fuel burnt, kg of cement manufactured)

EF = Emission Factor (e.g. kg CO₂ /liter of fuel burnt, kgCO₂ /kg cement manufactured)



*Report on Carbon Footprint and Carbon Sequestration
M/s Allied Recycling Unit
(VPO Budhewal, Chandigarh Road, Tehsil Kum Kalan,
District Ludhiana, Punjab.)*

Emission Factors

The amount of relevant GHG emissions that will be produced can be converted from the input measure of the emission source using emission factors. The emission factors determine how accurate a carbon footprint is.

Carbon Dioxide Emissions Coefficients by Fuel

| Carbon Dioxide (CO ₂) Factors: | Pounds CO ₂ | Kilograms CO ₂ | Pounds CO ₂ | Kilograms CO ₂ |
|--|----------------------------|----------------------------|------------------------|---------------------------|
| | Per Unit of Volume or Mass | Per Unit of Volume or Mass | Per Million Btu | Per Million Btu |
| For homes and businesses | | | | |
| Propane | 12.68 gallon | 5.75 gallon | 138.63 | 62.88 |
| Diesel and Home Heating Fuel (Distillate Fuel Oil) | 22.45 gallon | 10.19 gallon | 163.45 | 74.14 |
| Kerosene | 21.78 gallon | 9.88 gallon | 161.35 | 73.19 |
| Coal (All types) | 3,876.61 short ton | 1,758.40 short ton | 211.87 | 96.10 |
| Natural Gas | 120.96 thousand cubic feet | 54.87 thousand cubic feet | 116.65 | 52.91 |
| Finished Motor Gasoline ^a | 17.86 gallon | 8.10 gallon | 148.47 | 67.34 |
| Motor Gasoline | 19.37 gallon | 8.78 gallon | 155.77 | 70.66 |
| Residual Heating Fuel (Businesses only) | 24.78 gallon | 11.24 gallon | 165.55 | 75.09 |
| Other transportation fuels | | | | |
| Jet Fuel | 21.50 gallon | 9.75 gallon | 159.25 | 72.23 |
| Aviation Gas | 18.33 gallon | 8.32 gallon | 152.54 | 69.19 |
| Industrial fuels and others not listed above | | | | |
| Petroleum coke | 32.86 gallon | 14.90 gallon | 225.13 | 102.12 |
| Nonfuel uses | | | | |
| Asphalt and Road Oil | 26.25 gallon | 11.91 gallon | 166.12 | 75.35 |
| Lubricants | 23.58 gallon | 10.70 gallon | 163.29 | 74.07 |
| Naphthas for Petrochemical Feedstock Use | 18.74 gallon | 8.50 gallon | 149.95 | 68.02 |



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| Carbon Dioxide (CO ₂) Factors: | Pounds CO ₂ | | Kilograms CO ₂ | | Pounds CO ₂ | Kilograms CO ₂ |
|---|----------------------------|-----------|----------------------------|-----------|------------------------|---------------------------|
| | Per Unit of Volume or Mass | | Per Unit of Volume or Mass | | Per Million Btu | Per Million Btu |
| Other Oils for Petrochemical Feedstock Use | 22.61 gallon | | 10.26 gallon | | 163.05 | 73.96 |
| Special Naphthas (solvents) | 19.94 gallon | | 9.04 gallon | | 159.57 | 72.38 |
| Waxes | 21.10 gallon | | 9.57 gallon | | 160.06 | 72.60 |
| Coals by type | | | | | | |
| Anthracite | 5,715.11 | short ton | 2,592.33 | short ton | 228.60 | 103.69 |
| Bituminous | 4,933.59 | short ton | 2,237.84 | short ton | 205.57 | 93.24 |
| Subbituminous | 3,747.36 | short ton | 1,699.78 | short ton | 214.13 | 97.13 |
| Lignite | 2,813.18 | short ton | 1,276.04 | short ton | 216.40 | 98.16 |
| Coke | 7,196.24 | short ton | 3,264.17 | short ton | 250.59 | 113.67 |
| Other fuels | | | | | | |
| Geothermal (steam) | NA | | NA | | 26.03 | 11.81 |
| Geothermal (binary cycle) | NA | | NA | | 0.00 | 0.00 |
| Municipal solid waste ^{b,c} | 1,552.88 | short ton | 704.38 short ton | | 109.98 | 49.89 |
| Tire-derived fuel ^b | 5,306.87 | short ton | 2,407.16 | short ton | 189.53 | 85.97 |
| Waste oil ^b | 22.51 gallon | | 10.21 gallon | | 163.14 | 74.00 |
| <p><i>Data source: Carbon factors provided by the U.S. Environmental Protection Agency, Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2020, Tables A-22, A-27, A-34, and A-230.</i></p> <p><i>^aIncludes fuel ethanol blended into motor gasoline. The fuel ethanol component of finished motor gasoline is treated as nonemissive. See methodology documentation for further details on calculations.</i></p> <p><i>^bCarbon factors for municipal solid waste, tire-derived fuel, and waste oil are provided by the U.S. Environmental Protection Agency, Greenhouse Gas Emissions Factor Hub.</i></p> <p><i>^cThe carbon factor for municipal solid waste has been adjusted to apply both to biogenic and non-biogenic waste.</i></p> <p><i>Note: To convert to carbon equivalents multiply by 12/44. Coefficients may vary slightly with estimation method and across time. Coefficients are based on data from 2020. EIA uses these coefficients for estimating 2021, and more recent, energy-related CO₂ emissions.</i></p> | | | | | | |



Carbon Footprint of Personal Transport

Approximate CO₂ (g) per passenger kilometer by transport type

| Transport Type | CO ₂ (g) per passenger kilometer |
|---------------------------------|---|
| Flight: domestic short distance | 257 |
| Flight: long distance | 113 |
| Road: passenger cars | 127-200 |
| Road: hybrid-electric cars | 92 |
| Road: trucks | 280 |
| Rail | 116 |
| Sea | 120 |

By adhering to International Organisation for Standardization (ISO) - 14064's rules for quantifying GHG emissions, one can calculate their carbon footprint with ease.

Step 1: Release of CO₂

Calculate the CO₂ released from fuel, gas and electricity (USEPA).

| Energy/Fuel | CO ₂ per qty |
|-------------------------------|-------------------------|
| Petrol | 2.32 Kg per litre |
| Diesel | 2.69 Kg per litre |
| Liquified Petroleum Gas (LPG) | 2.98 Kg per Kg |
| Electricity | 0.85 Kg per KWh |
| Coal | 1.94 kg per kg |

Step 2: Collect the operation data of activity/ project

- Petrol/Diesel: Add the total litres of fuel consumed in a year.
- LPG: Your typical gas cylinder has a 14 kg gas weight. Multiply the number of cylinders used in a year by 14.



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- Electricity: Find the number of units mentioned in your monthly electricity bill. Multiply the monthly units by 12.

Step 3: Multiple data by the respective CO₂ emissions

- Electricity: Input value X 0.85 = Output value in (Kg of CO₂)
- Petrol: Input Value X 2.32 = Output value in (Kg of CO₂)
- Diesel: Input Value X 2.69 = Output value in (Kg of CO₂)
- LPG: Input Value X 2.98 = Output value in (Kg of CO₂)

Adding all four output values will give you your carbon footprint. Divide this value by 1000 and find the carbon footprint in tonnes.

Impact of Carbon Footprint on Business

It could appear counterintuitive to invest in reducing carbon emissions from a purely commercial standpoint. Recognizing that as customers become more aware, proactive, and vocal about the need to safeguard the environment, they will demand the same from the companies they patronize. There are several reasons for your brand to invest in decreasing emissions in addition to adhering to rules. Impacts of carbon footprint are identified as

1. Regulatory Environment and Carbon Footprint

Governments and business authorities are enacting stringent rules for regulating carbon emissions as the need to reduce emissions reaches critical levels. Penalties, fines, and reputational damage may occur from failure to adhere to these criteria. As a result, you must comprehend the regulatory environment in your industry and adhere to it while you adopt a greener strategy.

2. Impact on Reputation and Brand Value

There is a lot of attention on what firms are doing since everyone wants to make sure that future generations may live in favorable conditions. As a result, companies that support sustainability and cut their GHG emissions are more likely to win over customers, staff members, and investors. Organizations who don't manage their carbon effect, on the other hand, risk brand damage.



3. Financial Implications of Carbon Footprint

On the surface, cutting carbon emissions seems expensive and pointless. However, even though you might not profit immediately from them, such activities will ultimately strengthen your company's financial situation.

You'll draw in more investment, pay less for insurance, and raise your credit score if you position your business as sustainable. Additionally, by implementing such plans, you'll win the support of your target audience and boost sales.

4. Risk Management and Carbon Emissions

Reducing your risk is one of the spill over advantages of minimizing carbon emissions. As a result, you will match your brand with the growing need for environmentally friendly options as you try to build sustainable products and services.

Strategies for Reducing Carbon Footprint

Reducing greenhouse gas emissions is essential for environmental management and sustainability. Despite its scary appearance, reducing carbon footprint may result in financial savings, increased productivity, and fresh business opportunities. It is necessary to have a comprehensive plan to cut carbon emissions. These are some methods which can be used to do a sustainable business as

1. Adoption of Renewable Energies

A clean and sustainable alternative to fossil fuels, renewable energy sources such as solar, wind, hydro, and geothermal power produce electricity without emitting greenhouse gases.

Implementing renewable energy sources involves the following steps:

- Conducting an energy audit for renewable energy sources: Energy audits can help businesses identify renewable energy opportunities. The audit should look at local renewable energy sources, energy prices, and use.
- Investing in On-Site Renewable Energy Sources: Businesses may purchase solar or wind power equipment to generate electricity. This could increase energy independence and reduce energy costs.



- Purchasing Renewable Energy Certificates (RECs): Companies can support renewable energy even if they are unable to produce it themselves by purchasing RECs. By purchasing RECs, businesses may reduce their carbon footprint and promote renewable energy.

2. Adopting Energy-Efficient Practices

One of the main causes of carbon emissions is energy use. Therefore, one of the most effective ways to reduce carbon emissions is to use energy more wisely. Both your emissions and your energy costs will be decreased as a result of this action.

Following actions can have adopted to become more energy-efficient:

- Perform an energy usage audit first, taking into account costs, energy usage, and areas for improvement.
- Improve lighting: Using energy-efficient LED lights might significantly reduce energy use and costs.
- Replace Old HVAC Systems: Energy-efficient HVAC systems reduce energy consumption and costs.
- Track and manage energy use with Energy Management Systems (EMS): By locating and addressing areas of high energy consumption, organisations may reduce their energy costs and carbon footprint.
- Educate Staff: Staff education can help to encourage energy efficiency. Examples include regulating heating and cooling systems and shutting off equipment and lights when not in use.

3. Encouraging Circular Economy and Waste Reduction

By decreasing waste and promoting a circular economy, organisations may cut GHG emissions. The objective of a circular economy is to keep products, parts, and materials at their highest possible value and utility.

You may promote a circular economy and reduce the waste by:

- Waste auditing: The audit should evaluate the types, sizes, and possibilities for waste reduction.



- Implementing Waste Reduction Strategies: By reducing packaging, implementing reusable containers, and promoting recycling, waste volumes and carbon emissions can be decreased.
- Implementing circular business models: Product as a service, reuse, refurbishing, and closed-loop technologies may support a circular economy and significantly lower carbon emissions from an organization.
- In addition, supporting a circular economy and lowering waste may entail buying products from suppliers who adhere to sustainable sourcing standards and pressuring them to cut back on packaging and waste.

4. Supporting Green Transportation

The transportation industry is another significant source of emissions. By encouraging sustainable mobility, you may significantly reduce these emissions.

Here are a few ways to encourage environmentally friendly and sustainable transportation:

- Promoting alternate forms of mobility, such as walking, bicycling, and public transportation, which might significantly reduce carbon emissions associated with transportation. These might consist of carpooling initiatives, public transportation passes, and bike racks.
- Investing in low-emission vehicles: Buying an electric or hybrid vehicle might significantly reduce carbon emissions related to transportation.
- Fleet Management System Implementation: Through the use of fleet management systems, businesses can keep tabs on emissions, maintenance, and fuel use. By identifying and reducing excessive fuel use and emissions, businesses can reduce their GHG emissions.
- Supply chain transportation optimization: By enhancing supply chain logistics, carbon emissions associated with transportation might be significantly decreased. Optimization of routes, modes and frequency is possible.



5. Supplier and Stakeholder Engagement

The indirect emissions in scope three are caused by your vendors' and other stakeholders' actions. By cooperating with them to create congruent sustainability goals, you can contribute to its reduction.

Focus on the following during stakeholder and supplier engagement initiatives:

- **Sharing Sustainability Objectives:** Raising awareness and gaining support for sustainability initiatives is facilitated by communicating sustainability goals to stakeholders and suppliers. Sharing sustainability reports, carbon reduction goals, and progress updates are a few examples.
- **Promoting Sustainable Behaviours:** By adopting sustainable practices, stakeholders and suppliers can reduce a company's CO₂ emissions. Examples include incentives, acknowledgment, and teaching about sustainability practices.
- **Collaboration with suppliers to reduce carbon emissions** can significantly lessen an organization's carbon footprint. This can entail pressuring vendors to use sustainable energy sources and minimize waste.
- **Connecting with Local Communities:** By understanding regional environmental and socioeconomic issues and coming up with sustainable solutions, local communities may help organizations. Working on environmental projects with regional organizations may be necessary.

By involving stakeholders and suppliers, businesses can reduce their GHG emissions while fostering closer ties with customers, employees, and communities.

How to Offset the Carbon Footprint Using Carbon Credits

Permits that allow the owner to emit a specific amount of carbon dioxide or other greenhouse gases are known as carbon credits, commonly referred to as carbon offsets. One credit allows for the emission of one tonne of carbon dioxide or another greenhouse gas' equivalent.



Benefits of utilizing the GHG protocol methodology to track carbon footprint

Carbon footprint of a company

An important indicator of a company's environmental impact is its carbon footprint. It analyses the amount of carbon footprint that is related to a company's operations or products and serves as an indirect indicator of the use of energy, goods, and services.

Product carbon footprint

The greenhouse gas emissions created during a product's life cycle, from the extraction of raw materials through waste disposal, are included in the carbon footprint of a product.

Carbon Sequestration by Trees

The live oak is the most effective tree in storing carbon, with the ability to store 10,994 CO₂ equivalent throughout the course of its existence. The East Palatka holly comes in second with a lifetime carbon fixation of 7,321 CO₂ equivalent.

Additional instances of trees that effectively absorb carbon

- The teak tree, which among Indian plants has the largest capacity to store carbon.
- The Yellow Poplar, which can thrive in challenging circumstances.
- The Silver Maple has a very high capacity for carbon absorption.
- The Red Mulberry produces seasonal fruit and absorbs carbon.

Carbon has an atomic weight of 12 (u), while oxygen has an atomic weight of 16 (u). The weight of CO₂ in trees is calculated using the formula $44/12 = 3.67$. Therefore, multiply the weight of the carbon in the tree by 3.67 to get the weight of carbon dioxide stored there.

A single tree can offset anywhere between 21.77 kg CO₂/tree and 31.5 kg CO₂/tree annually, according to scientific studies. The number of trees required to offset 1 tonne of CO₂ would range from 31 to 46. Let's stick with the cautious estimate of 21 kg per tree each year for simplicity's sake. According to estimates, newly planted trees absorb CO₂ at a rate of 25 kilogram year on average; throughout the course of a tree's lifetime, this amounts to 250 kilogram. Please keep in mind that those are average numbers given the variety of species being planted. The growth features of the tree species, the wood's density, the growth conditions of the location, and the tree's stage of development all affect the rate of carbon sequestration.



How to calculate a tree's ability to store CO₂

Step 1: Calculate the tree's overall green weight

The weight of the tree when it is alive is represented by the green colour. The green weight of the above-ground weight must first be determined as follows:

$$W_{\text{above-ground}} = 0.25 D^2 H \text{ (for trees with } D < 11)$$

$$W_{\text{above-ground}} = 0.15 D^2 H \text{ (for trees with } D > 11)$$

$$W_{\text{above-ground}} = \text{Above-ground weight in pounds}$$

D = Diameter of the trunk in inches

H = Height of the tree in feet

20% or more of the above-ground weight is made up of the root system. So, multiply the above-ground weight by 1.2 to get the tree's total green weight:

$$W_{\text{total green weight}} = 1.2 * W_{\text{above-ground}}$$

Step 2: Determine the dry weight of the tree

The average tree has 27.5% liquid (moisture) and 72.5% dry materials. As a result, multiply the tree's overall green weight by 72.5% to get its dry weight.

$$W_{\text{dry weight}} = 0.725 * W_{\text{total green weight}}$$

Step 3: Determine the weight of carbon in the tree

The volume of the tree's dry weight on average contains 50% carbon. Therefore, multiply the dry weight of the tree by 50% to get the weight of carbon it contains.

$$W_{\text{carbon}} = 0.5 * W_{\text{dry weight}}$$

Step 4: Determine the weight of carbon dioxide sequestered in the tree

One carbon molecule and two oxygen molecules make up CO₂. Carbon has an atomic weight of 12 (u), while oxygen has an atomic weight of 16 (u). The weight of CO₂ in trees is calculated using the formula $44/12 = 3.67$. Therefore, multiply the weight of the carbon in the tree by 3.67 to get the weight of carbon dioxide stored there.

$$W_{\text{carbon-dioxide}} = 3.67 * W_{\text{carbon}}$$



Other methods

A second method of estimating the annual CO₂ absorption by a tree is to calculate the annual absorption per hectare and divide it by the density of trees per hectare. In agroforestry and/or industrial plantations, the number of trees per hectare varies from less than 500 to more than 2,000.

Carbon Sequestration by Materials

Examples of carbon-storing materials as

- Bioplastic (German brand) - a carbon-negative bioplastic that can be used for cladding, interiors, and automobiles.
- Mycelium insulation.
- Carpet tiles.
- Wood.
- 3D-printed wood.
- Olivine sand.
- Concrete.
- Bricks.

About the Project: Allied Recycling Limited

M/s Allied Recycling Limited is an existing Steel Manufacturing Unit located at VPO Budhewal, Chandigarh Road, Tehsil Kum Kalan, District Ludhiana, Punjab. The planned unit has a total plot area of 20,866 square metres.

As per EIA Notification, 2006 and its amendments, it is a Secondary Metallurgical processing industry falling under Schedule 3(a); Category B project and attracts general conditions (i.e. project falls within 5 km radius of Critically Polluted Area). As, project falls at a distance of 3.7 km from "Critically Polluted Area" in Ludhiana (notified by the Central Pollution Control Board), such projects are treated as Category 'A' and thus, Environmental Clearance will be granted by the Central Govt. MOEF&CC, New Delhi.



Salient Features of the Project

| | | |
|-----|---|--|
| 4. | Salient Features of the Project | |
| 4.1 | Overall plant capacity | 3,52,450 TPA |
| 4.2 | Area Details | 20,866 sq.m. Expansion proposed within the existing land only. |
| 4.3 | Location | VPO Budhewal, Chandigarh Road, Tehsil Kum Kalan, Distt. Ludhiana, Punjab. |
| 4.4 | Water requirement | Source: Groundwater After Expansion, total water requirement for the project is 62.5 KLD; out of which fresh water requirement will be 50.5 KLD. |
| 4.5 | Wastewater | No industrial effluent will be generated; only domestic effluent will be generated. After expansion, 12.5 KLD of domestic effluent will be generated which will be treated in proposed STP of capacity 15 KLD. Treated water will be reused for cooling. |
| 4.6 | Man Power | In the existing unit, 300 persons are employed including both technical & non-technical workers. For proposed expansion, 50 additional workers will be hired. Thus, after expansion, the total manpower become 350 persons. No manpower resides within the premises. |
| 4.7 | Power requirement | Existing Power load: 16.3 MW For proposed expansion, approx. 3.0 MW will be required. Thus, after expansion, total power requirement will be 19.3 MW Source: Punjab State Power Corporation Limited (PSPCL). |
| 4.8 | Alternative site | No alternative site is being considered as the expansion is proposed within the existing industrial unit only. |
| 4.9 | Land form, Land use and Land ownership | Since, the expansion is proposed within the existing land only. Thus, there will be no change in landuse. Land document (Registry & Jamabandi) submitted with report. |



The planned unit has the landuse planning is as follows

Project area break-up details

| S. No. | Description | Area (in sq.m) | %age |
|------------------------|--------------------------------|----------------|------------|
| 1. | Shed covered area | 12,662.36 | 60.69 |
| 2. | Passage Area | 2,081.78 | 9.98 |
| 3. | Office block area & Other area | 2,254.46 | 10.9 |
| 4. | Plantation Area* | 3,029.73 | 14.51 |
| 5. | Parking Area | 837.63 | 4.01 |
| Total Plot Area | | 20,866 | 100 |

*In order to meet statutory requirement of green area, the remaining green area of 5,768.86 sq.m will be developed outside of project premises located at a distance of 133 m from project boundary. Thus, overall green area of 8,798.59 sq.m (@ 42.16%) has been proposed.

List of Proposed Plant and Machinery

| S. No. | Machinery | Existing | Proposed | Total After Expansion |
|--------|----------------------------------|---------------------|----------|-----------------------|
| 1. | Induction Furnaces | 3×5 TPH & 1×6 TPH | 2×15 TPH | 2×15 TPH |
| 2. | Rolling Mill | 1 | -- | 1 |
| 3. | Continuous Casting Machine (CCM) | 1 | -- | 1 |
| 4. | DG sets | 500 KVA and 160 KVA | -- | 500 KVA and 160 KVA |
| 5. | Air Pollution Control Devices | 4 | (-)2 | 2 |
| 6. | Overhead Cranes | 9 | -- | 9 |
| 7. | Weigh Bridge | 1 | -- | 1 |
| 8. | Magnets | 4 | (-)2 | 2 |
| 9. | Shearing Machine | 3 | -- | 3 |
| 10. | Ladle | 5 | -- | 5 |
| 11. | Transformer 66 KVA | 1 | -- | 1 |



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| | | | | |
|-----|---------------|---|----|---|
| 12. | Mobile Cranes | 3 | -- | 4 |
|-----|---------------|---|----|---|

Manpower Requirement

Presently, 300 persons are employed including both technical & non-technical workers. For proposed expansion, 50 additional workers will be hired. Thus, after expansion, the total manpower become 350 persons including both technical & non-technical. No residing facility provided within the premises.

Power Requirement

Power load of existing unit is 16.3 MW which is being supplied by Punjab State Power Corporation Limited (PSPCL). After expansion total power requirement of the project become 19.3 MW which will be supplied by Punjab State Power Corporation Limited (PSPCL).

Solid Waste Management

Approximately, 60 kg/day of domestic solid waste is being generated from the existing unit (300 persons × 0.2 kg/person/day) & after expansion approx. 70 kg/day (305 persons × 0.2 kg/person/day) of domestic waste will be generated, which will be collected in two color bins i.e. blue for dry waste and green for wet waste. Solid waste disposed off as per Solid Waste Management Rules, 2016 & its amendments.

Carbon Footprints of Allied Recycling Limited

In the metallurgy industry, specifically when using an electric induction furnace (EIF), the carbon emissions are generally lower compared to traditional blast furnaces or other processes. However, there are still carbon emissions associated with the production process.

All three areas that contribute to overall carbon emissions were taken into account while calculating the carbon footprints of Allied Recycling Limited, including

Scope 1 - Direct Emissions

This includes emissions from sources that the corporation directly owns or manages, like industrial processes, operation of Induction furnace, or company vehicles.

Scope 2 - Indirect Emissions

These include the steam, heat, and power the company purchases.

Scope 3 - Other Indirect Emissions

These include emissions from facilities such as manufacturing, transportation, and waste disposal that are related to the organization's operations but are not directly owned or managed by the organization.

Calculating Carbon Footprints of Allied Recycling Limited

From Scope-1 (Direct Emissions from Company owned sources)

| Type of Carbon emission Source | Fuel Type | Fuel used | Mode of Operation | Annual Fuel consumption | Emission Factor | CO ₂ e (Kg/Annum) |
|--------------------------------|-----------|---------------|--|---------------------------------|-----------------------------------|------------------------------|
| DG (500 KVA and 160 KVA) | HSD | 200 liters/hr | In case of Power failure (1-3 hrs/day) | 200 x 2 x 365 = 1,46,000 liters | 2.69 kg CO ₂ per liter | 392740 |
| Fly Ash | - | 0.03 TPD | - | 10500/annum | 0.030 | 315 |
| Total Carbon Footprint | | | | | | 393055 |

From Scope-1 (Direct Emissions from Company owned sources - Cars)

| Type of Vehicle | Nos. | Distance travelled (Km) per day in the study area of 10km | Days of working in a year | Emission Factor (kg/km) | CO ₂ e (Kg/Annum) |
|-----------------|------|---|---------------------------|-------------------------|------------------------------|
| Passenger Cars | 20 | 25 | 350 | 0.164 | 28700 |



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From Scope-1 (Total)

| | |
|--|--------|
| Total Carbon Footprint from Scope-1 (393055 + 28700) | 421755 |
|--|--------|

From Scope-2 (Indirect Emissions from Power/ Heat/ Steam)

| Type of Source / activity | Capacity/Units | Mode of Operation | Annual consumption/ utilization | Emission Factor | CO ₂ e (Kg/ Annum) |
|-------------------------------|----------------|-------------------|---|-------------------------|-------------------------------|
| Power | 4295239 kWh | 20 hrs a day | 4295239 x20x350 = 30,06,66,73,000 | 0.86 kg CO ₂ | 258573387 80 |
| Heat | - | - | - | - | - |
| Steam | - | - | - | - | - |
| Total Carbon Footprint | | | | | 258573387 80 |

Form Scope-3 (Other Indirect Emission from Transportation/ Travelling & Waste management)

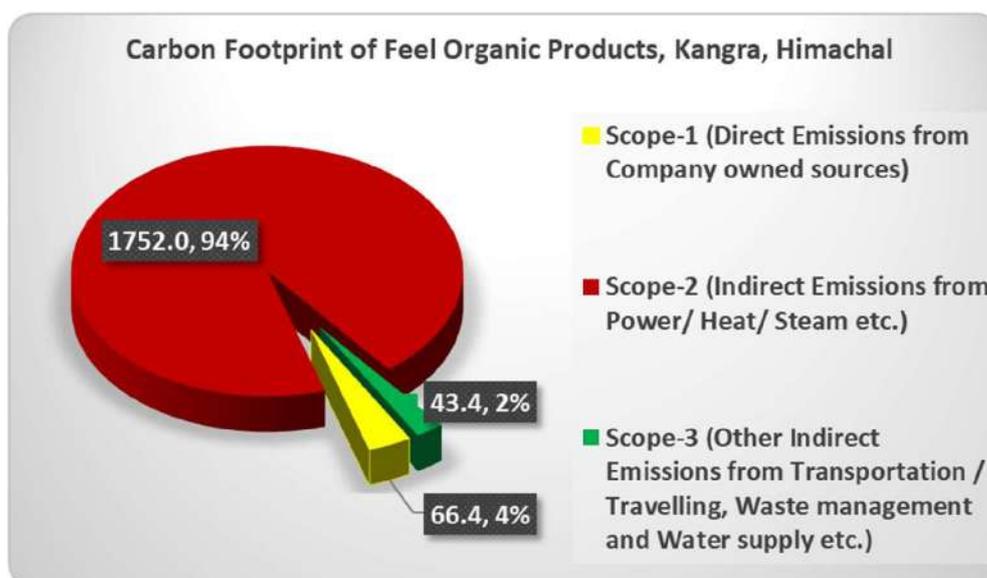
| Type of Source / activity | Qty. | Fuel used | Mode of Operation | Annual Working Days | Emission Factor | CO ₂ e (Kg/ Annum) |
|--|---------------|-----------|---|---------------------|---|-------------------------------|
| Transportation – Trucks (Materials) | 20 | Diesel | To and fro trip of 20 kms in project study area of 10 kms | 350 days | 0.280 kg CO ₂ per km | 39200 |
| Transportation – Personal Cars (Employees) | 60 | Diesel | To and fro trip of 25 kms in project study area of 10 kms | 350 days | 0.164 kg CO ₂ per passenger km | 86100 |
| Transportation – Bikes (Employees) | 70 | Petrol | To and fro trip of 20 kms in project study area of 10 kms | 350 days | 0.035 kg CO ₂ per passenger km | 17150 |
| Solid Waste Disposal | 60 kg per day | - | Monthly Disposal | 12 Months | 0.78 kg CO ₂ per kg of waste | 561.6 |

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| | | | | | | |
|------------------------------------|---|---|---------------------------------|-------------------|---|------------------|
| Air Travel for Business (Domestic) | 1 | - | Quarterly Once for 1000-2000kms | 1500x4 = 6000 kms | 0.257 kg CO ₂ per Passenger per km | 1.028 |
| Rail Travel for Business | 1 | - | Monthly Once for 500-1000km | 750x12 = 9000 kms | 0.11 kg CO ₂ per Passenger per km | 1.32 |
| Total Carbon Footprint | | | | | | 143,013.9 |

Total Carbon Footprint from Allied Recycling Unit

| Scope (Source of GHG Emission) | CO ₂ e (Tonnes/Annum) |
|--|-------------------------------------|
| Scope-1 (Direct Emissions from Company owned sources) | 421.75 |
| Scope-2 (Indirect Emissions from Power/ Heat/ Steam etc.) | 28502837 |
| Scope-3 (Other Indirect Emissions from Transportation / Travelling , Waste management and Water supply etc.) | 143.01 |
| Total CO₂e | 28503401.76s ay 28503402 |



Carbon Sequestration (Carbon Offset) by Allied Recycling Unit

A single tree can offset anywhere from 21.77 to 31.5 kg CO₂/tree each year, according to scientific studies. The number of trees required to offset 1 tonne of CO₂ would range from 31 to 46. Let's stick with the cautious estimate of 21 kg per tree each year for simplicity's sake. According to estimates, newly planted trees absorb CO₂ at a rate of 25 kilogram year on average; throughout the course of a tree's lifetime, this amounts to 250 kilogram. Please keep in mind that those are average numbers given the variety of species being planted. The growth features of the tree species, the wood's density, the growth conditions of the location, and the tree's stage of development all affect the rate of carbon sequestration.

Carbon Sequestration / Offset by a single tree = 25 kg CO₂/ Year

Tree plantation by Allied Recycling Unit = 1320 Trees

Carbon Sequestration / Offset by Tree Plantation

= 1320 trees x 25 kg CO₂ per tree per year

= 33,000 kg CO₂/ Year

= 33 Tone CO₂/Year

Carbon Credit of Allied Recycling Unit

- Carbon Footprint of Unit = 28503402 Tone CO₂/ Year
- Carbon Sequestration/ Offset by Unit = 33 Tone CO₂/ Year
- Carbon Credit of Unit = 28503402 - 33 = 28503369 Tone CO₂/ Year

Conclusion & Recommendation

Allied Recycling Limited unit has a total carbon footprint of 2,85,03,369 tonnes/annum comprising of scope-1, scope-2 and scop-3 GHGs emitting sources. Carbon footprint of the unit includes direct emission from company owned sources as 421.75 tonnes/annum, indirect emissions sources i.e. power utilization as 28502837 tonnes/annum and transportation & waste management as 143.01 tonnes/annum.



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The company has adopted carbon sequestration/ offset (carbon reduction) by tree plantation program of 1320 trees with a carbon offset of 33 tonnes/ annum. Therefore, carbon credit of Allied Recycling Unit 28503369 tonnes/annum. More efforts for carbon reduction are recommended to reduce GHGs and combat climate change.

Reducing the carbon footprint in an organic product industry involves implementing practical and sustainable solutions throughout the entire supply chain. Here are some key approaches and techniques to achieve this goal:

Renewable Energy:

Transition the energy sources used in production facilities, processing, and transportation to renewable energy options such as solar, wind, or hydroelectric power. Installing solar panels on rooftops and using energy-efficient equipment can significantly reduce carbon emissions.

Energy Efficiency:

Conduct energy audits to identify areas of high energy consumption and implement energy-saving measures. This includes optimizing production processes, upgrading to energy-efficient machinery, and ensuring proper insulation and lighting in facilities.

Sustainable Sourcing: Source raw materials locally when possible to reduce transportation-related emissions. Prioritize suppliers with sustainable practices and eco-friendly certifications.

Waste Reduction and Recycling:

Implement waste reduction initiatives, promote recycling, and encourage the use of compostable or biodegradable packaging materials. Minimize waste generation throughout the production and distribution process.

Carbon Farming Practices:

Encourage and support farmers in adopting carbon farming practices such as agroforestry, cover cropping, and no-till farming. These techniques enhance soil carbon sequestration and reduce agricultural emissions.



Carbon Footprint Tracking:

Implement a robust carbon footprint tracking system to monitor emissions at each stage of the supply chain. This data can help identify areas for improvement and set reduction targets.

Transportation Optimization:

Optimize transportation routes to reduce fuel consumption and emissions. Consider using alternative transportation methods such as electric vehicles or biodiesel-powered vehicles.

Employee Engagement:

Involve employees in sustainability efforts and encourage them to contribute ideas for reducing carbon emissions. Foster a culture of environmental responsibility within the organization.

Certifications and Labels:

Seek eco-label certifications that demonstrate the organization's commitment to sustainability and low carbon emissions. These labels can also help consumers make informed choices about environmentally-friendly products.

Collaboration with Suppliers and Partners:

Collaborate with suppliers and partners to collectively reduce the carbon footprint across the entire supply chain. Encourage them to adopt sustainable practices and offer support and incentives where possible.

Offsetting Initiatives:

Consider investing in carbon offset projects, such as reforestation or renewable energy projects, to compensate for any unavoidable emissions. This can help achieve carbon neutrality for the organic product industry.

Consumer Education:

Educate consumers about the environmental benefits of choosing organic products and the efforts made by the industry to reduce its carbon footprint. Empower consumers to make sustainable choices.



Continuous Improvement:

Regularly review and reassess sustainability goals and targets. Seek feedback from stakeholders and adapt strategies based on new technologies and emerging best practices.

More sustainable techniques as carbon storing materials can be utilized for carbon sequestration/ carbon reduction as

- Bioplastic (German brand) - a carbon-negative bioplastic that can be used for cladding, interiors, and automobiles.
- Mycelium insulation.
- Carpet tiles.
- Wood.
- 3D-printed wood.
- Olivine sand.
- Concrete.
- Bricks.

By implementing these practical solutions and techniques, the organic product industry can significantly reduce its carbon footprint and play a vital role in contributing to global efforts to combat climate change. Sustainable practices not only benefit the environment but also enhance the industry's reputation, attract environmentally conscious consumers, and contribute to long-term business success.



ABOUT ECO GROUP

Eco Group is North India's reputed environmental organization Headquartered in Mohali (Chandigarh) that offers consultancy and environmental-related turnkey solutions for overall pollution abatement and sustainable development. We are a professional engineering firm with National level consultancy approved by QCI/ NABET and Environmental and Mechanical testing laboratory approved by MoEF&CC, NABL (ISO/IEC 17025:2017) and state boards.

Eco Group, established in 1998 has designed, engineered and executed more than 1,000 installations of Water, Domestic Sewage and Industrial Effluent Treatment Plants. With the help of our state-of-the-art technologies and apt infrastructure, we are proud to maintain an impeccable quality record, owing to our customer satisfaction levels. These treatment plants operate with the help of trained staff, including Sewage Treatment Plants (STPs), Effluent Treatment Plants (ETPs), Reverse Osmosis Plants (ROs), etc. In the last 20 years, we have undertaken several projects successfully and have created sustainable solutions to environmental issues.

Eco Group has two major business divisions as Eco Paryavaran Engineers & Consultants Pvt. Ltd. and Eco Paryavaran Laboratories & Consultants Pvt. Ltd. The former caters to consultancy and providing engineering solutions for environmental pollution whereas the latter pertains to the analytical and consultancy services in the field of lab testing and environmental studies. Eco Paryavaran is North India's leading supplier of pollution control equipment with world-class infrastructure.

Eco Paryavaran Laboratories is NABL (National Accreditation Board for Testing and Calibration Laboratories) accredited for ISO/IEC 17025:2017, approved by Ministry of Environment, Forest and Climate Change (MoEF&CC) & State Pollution Control Board (SPCBs) in the field of air, noise, wastes, water/wastewater and microbiological testing. Eco Paryavaran Laboratories & Consultants Pvt. Ltd. is also Government approved (ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018) and National Accreditation Board for Education and Training (NABET).



RISK ASSESSMENT AND DISASTER MANAGEMENT PLAN

Introduction

Industrial process & activities inherently pose hazards. There may be possible hazards to human beings, flora-fauna, all forms of property and the environment as a whole. Extreme care is essential in handling all of them in various stages of manufacturing viz. processing, treatment etc. The management aims at full preparedness to meet effectively the eventualities resulting from any unfortunate occurrence of fuel hazards/accidents. Hazard analysis involves the identification and quantification of the various hazards (unsafe conditions) that exist in the project site. On the other hand, risk analysis deals with the identification and quantification of risks occurring due to; the plant equipment and personnel exposed, due to accident resulting from the hazards in the plant.

The main objective of the risk assessment study is to determine damage due to major hazards having damage potential to life and property and provide a scientific basis to assess safety level of the facility. The secondary objective is to identify major risk in manufacturing process, operation, occupation and provide control through assessment and also to prepare on-site, off site plans to control hazards.

The concept of risk assessment and its industrial application has been well acclaimed since more than a decade. A variety of major accidents have focused attention on the dangers of risk exposure for human health and environment.

Risk analysis (RA) provides a numerical measure of the risk that a particular facility poses to the public. It begins with the identification of potential hazardous events and determination of impact of each event. The consequences of each event are then calculated for numerous combinations of weather conditions and wind direction. These consequences predications are combined to provide numerical measures of the risk for entire facility.

Risk for a particular facility is based on the following variables:

- Multiple accident outcomes
- Population distribution
- Site specific meteorological data

Risk analysis is a tool which helps to translate hindsight (accidents) into foresight (planning) showing ways and means (improved engineering, procedure and supervision) to prevent the calculated accident from happening”.

Objective of the Study

Risk assessment is a process of estimating the likelihood of an occurrence of specific consequences (Undesirable events) of a given severity of damage potential to life and property. The main objective

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of risk assessment study is to determine the potential risks and their likelihood for the proposed activities of the project proponent and accordingly suggesting the mitigation measures.

This is achieved by the following:

- To conduct systematic identification of probable hazards (Toxic/flammable/Explosion) prevailing in the facility i.e. identification of probable failure scenarios.
- Identification of specific plant sections which could trigger events in above said process operations and storage areas.
- Identification of maximum credible loss scenario (MCLS) & worst case scenarios taking into account the safety features to be incorporated in the plant design and other parameters such as response time, trips provided etc.
- To assess, the potential risks associated with identification hazards to which the plant, people and outside community may be subjected to.
- Consequence analysis of various hazards to determine the vulnerable zones for each probable accident scenario.

Hazard Identification

This is the process of examining each location including the work area & other free space as norms, production process, storage of intermediates and raw material & final product for the purpose of identifying all hazards which are “inherent to the job”. Work areas include but are not limited to machine workshops, laboratories, office areas, agricultural and horticultural environments, stores and transport, maintenance. Tasks can include (but may not be limited to) industrial equipment, Hazardous substances and/or dangerous goods, driving a vehicle, dealing with emergency situations, construction.

1.2 HAZARD IDENTIFICATION AND PREVENTIVE MEASURES

It is defined as the process of assessing the risks associated with each of the hazards identified so that appropriate control measures can be implemented based on the probability, i.e. likelihood that harm, injury or ill health may occur and how severe the consequences of exposure might be.

General hazards

- Slips, trips and fall
- Unguarded machinery
- Working in confined space

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- Moving machinery, on-site transport, forklifts and cranes
- Exposure to controlled and uncontrolled energy source
- Inhalable agents (gases, vapors, dusts and fumes)
- Contact with hot metal
- Fire and explosion
- Extreme temperatures
- Radiation
- Noise and Vibration
- Electrical burns and shock
- Manual handling and repetitive work
- Failure due to automation
- Ergonomics

The occupational and safety hazardous and preventive measures are highlighted in **Table 1.1**, process hazards and their preventive measures are given in **Table 1.2** whereas storage hazards and preventing measures are presented in **Table 1.3**.

TABLE 1.1

OCCUPATIONAL AND SAFETY HAZARDS AND PREVENTIVE MEASURES

| Sr. No | Type of hazard | Sources | Risk | Mitigation measures |
|---------------|-----------------------|--|---|---|
| 1 | Noise | Blower, ID Fan, Compressors, D.G Set, Induction Furnace melting process, fuel burners, scrap and product handling, rotating equipment, furnace charging, rolling mill. | Hearing Impairment interference in communication fatigue. | Audiometric examination, Noise monitoring, PPE must be provided like ear plug, muff isolation, substitution and engineering control installation of acoustical booth rotation of workers and minimize the time enclose fans, insulate ventilation pipes, cover and enclose scarp and storage and handling area adopting slag practice in Induction Furnace. |
| 2 | Vibration | Manufacturing process | Whole body vibration transmitted vibration | High risk tools/Machinery must be eliminated or provided with anti-vibration handle or vibration isolation. |

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| | | | | |
|---|---|---|------------------------------|---|
| 3 | Heat Stress | Process of rolling, furnace (Molten metal and hot surfaces), Induction Furnace. | High temperature Humidity | Clothing against the hazardous substance rotation of job or worker cold drinking water, salt to worker safety distance of 4 mtr from the delivery spout are suggest to work near molten metal. |
| 4 | Radiation | Scarp, testing of equipment | Fatal disease | Scarp must be free from contamination. Face mask/shield should be provided. |
| 5 | Inhalation agent (Gas, vapour, dust, fumes) | Metallic duct, Induction Furnace, raw material storage, melting process. | Damage pulmonary | Good ventilation system must be provided. Isolation of process, substitution of raw material workplace monitoring should be carried out provide separated eating facilities and washing before eating provide sealed cabin with filtered air conditioning use of filter respirators when exposed to heavy dust co-analyses and detective equipment should be instated to alert control rooms and local personnel. |
| 6 | Confined space | Fuel tank bunker | Fatalities | PPE should be provided follow the work permit system. |
| 7 | Electrical | Induction Furnace, equipment | Burn | Proper earthling must be carried out. |
| 8 | Explosion | Molten metal | Burn, injury, Death | Complete dryness of material prior to contact with liquid iron and steel separation of flammable gas and combustible material. |

TABLE 1.2

PROCESS HAZARDS AND PREVENTIVE MEASURES

| Sr. No | Process | Source | Risk | Mitigation |
|--------|-------------------|--|--|---|
| 1 | Induction furnace | <ul style="list-style-type: none"> Heat treatment | <ul style="list-style-type: none"> Burns, scalding Dust, Fumes | <ul style="list-style-type: none"> Using inert gas to prevent oxidation |
| 2 | Rolling Mills | <ul style="list-style-type: none"> Trapping between the rolls | <ul style="list-style-type: none"> Injuries Cuts | <ul style="list-style-type: none"> Nip of rolls must be guarded and Machine part must be guarded Lock out/tag out must be planned PPE must be provided |

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TABLE 1.3

STORAGE HAZARDS AND PREVENTIVE MEASURES

| Sr. No | Area | Hazard and Risk | Mitigation measures |
|--------|---|--|---|
| 1 | Storage and handling of high speed Diesel (HSD) | <ul style="list-style-type: none">Leaks and spillFallsToxicityFire or explosion | <ul style="list-style-type: none">Catchment basins for spillsPPE should be providedFire protection system should be provided. |
| 2 | Electrical power supply and distribution | <ul style="list-style-type: none">Fire | <ul style="list-style-type: none">Earthing should be flame proofTraining to the worker |

Preventive measures for Hazardous Substance

- Preparation for shutdown
- Equipment isolation
- Lock-out and tag out application

Damage control need

The entire damage control scenarios will be as follows:

Credible Scenario – A: Pool fire in High Speed Diesel Tank.

As there is other nearby establishments, the fire from HSD tank can easily spread causing extensive damage to the materials. However the damage due to fire will be confined to a particular area only. On putting the basis of above consideration, the pool fire/spill fire /roof top fire due to fire hazard in the HSD storage tank is not considered as most but first degree credible scenario. It can be controlled by the available installation and facilities.

OCCUPATIONAL HEALTH

Occupational health needs attention both during construction and erection and operation and maintenance phases. However, the problem varies both magnitude and variety in the above phases.

Operation and Maintenance

The problem of occupational health, in the operation and maintenance phase is due to noise hearing losses. Suitable personnel protective equipment will be given to employees. The working personnel will be given the following appropriate personnel protective equipment:

- Industrial safety helmet: crash helmet

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- Face shield with replacement acrylic vision
- Zero power goggles with cut type filters on both sides and blue color glasses
- Welders equipment for eye and face protection
- Cylindrical type earplug, Ear muffs, Canister Gas mask
- Self-contained breathing apparatus
- Leather apron
- Aluminized fiber glass fix proximity suit with hood and gloves
- Boiler suit
- Safety belt
- Leather/rubberized hand gloves
- Electrically tested electrical resistance hand gloves
- Industrial safety shoes with steel toe, and
- Electrical safety shoes without steel toe and gumboots.

SAFETY PLAN

General

All work place, aisles and work surrounding areas will be kept clean and free from all obstructions.

- On completion of job, all tools, equipment, left over materials will removed to proper places for storage.
- Waste, oily rags and other inflammable materials will be kept in proper places.
- Slippery substance such as grease or oil if spilled on floor will be cleaned immediately or at least covered with sand, saw-dust or anti-slippery materials units.
- Nails, planks with protruding nails and such sharp objectives will not be left on the floor.

Wearing apparel

No person working on or near moving machinery will wear loose clothing such as shirts with dangling sleeves, gloves and jewelry like rings, ear-ring, wrist-rings and chain lockets etc. all persons engaged in oiling or cleaning of machinery will put on tight fitting cloths shoes and boots must be properly laced.

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Protective equipment

Protective equipment and safety appliance like goggles, face shields, aprons, gloves, ammunition boots/safety boots, helmets, respirators, gas masks etc, are issued for personal protection for jobs, where special hazards exist and these will be used by workers where provided, while engaged on such work.

Stacking of materials

All materials will be stacked tidily and up to safe height to prevent them from falling or causing some other pile to fall. No materials will be stacked in passages, aisles or walkways.

Loading of material

While loading in truck or wagon, all materials will be so loaded that no portion thereof projects from the sides or falls off in transit.

- The loaded material will be properly distributed and securely tied as far as possible and practicable.
- All materials projecting beyond the front or rear of a truck will be indicated by red flag during day and red light during night.

Eye Protection

- Goggles or face shield will be used by all workers engaged in operation involving hazards to eyes.
- No person will attempt to remove any foreign body or material from his own eye or those of other employees. All such cases will be reported to the foreman who will immediately direct the person concerned to report to the First Aid Station.

Safety belts

- All employees working on evaluated places not adequately protected by railing or suitable enclosure will wear safety belts with lifeline tied securely to a firm structure or other support independent of the equipment on which they were working.
- All workers will wear safety belts with Gas Masks/ Oxygen Breathing Apparatus while working at confined places, where they are exposed to such conditions or elements which might affect their consciousness. Lifeline of such belts will be held by one or two person stationed in location not affected by gas so as to render aid or call for help.
- The foreman or supervisor-in-charge of the work involving the use of safety belts during the course of its execution will provide stand by personnel consisting of one or more men

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wherever necessary.

Transport

Speed of the vehicles within the plant area will be restricted to below 20km/hr.

Short Cuts

- Roads and regular passages will be used for moving from one place to another.
- Crossing of mill tables, metal runners except by stairs provided is strictly prohibited
- No employees will cross any operating unit unless his duty requires him to do so.
- Shortcuts; or use of shortcuts may shorten the life.

Defective tools

- All defective tools, e.g. chisels with mushroom heads, spanners with worn jaws, broken file handles, hammers with broken shafts etc. will be brought to the notice of the foreman immediately.
- No tools will be put to use for which they are not meant.

Power rails or transmission line

No person, except those specially authorized by competent authority, will have access to power rails or other electric supply lines and apparatus.

Machinery Guarding

Machine guards and other safety device will not be removed except for making repairs, lubricating or cleaning and that too only by authorized persons. Those must be replaced before starting machinery.

Refueling

The engines of all vehicles will be stopped before filling petrol or other fuel.

Permit to work

Permit to work and danger board on electrical equipment or machinery run by power

- Issue of Permits on printer from along with associated safe-guards is mandatory on planned shutdown work, all major breakdowns and any other work, which is likely to last for more than one hour.

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- When a switch is isolated for carrying out any maintenance work, hang a personal danger board, on the switch, which serves as a warning to others, not to touch that switch.

Starting and repairing machinery

- No person will attempt to operate or set in motion any machine or equipment to which he is not authorized.
- Oiling, cleaning or repairing of machinery normally will not be carried out without first stopping the machinery completely. Where it becomes necessary to examine any part of machinery, while it is in motion or to carry out lubrication or other adjustment operation, such work will be done by only specially trained adult male workers wearing tight fitting clothing.
- No worker will switch on electricity, turn on gas, steam, air, acid or water or set in motion any machinery without first making sure that no one is in a position to be injured thereby. Supervisor –in –charge of the work will see that effective measures are taken to ensure the safety of personnel and equipment before the equipment are operated.
- All exposed moving parts of machine such as pulleys, belts, coupling, chains, fly-wheels; rotating collars with projecting set screw will be properly guarded.
- The machine guards and safety device will be confirmed to the statutory provisions and will be in position, when the machine is in motion.

Lifting or carrying weights

- No person will be allowed to lift or carry excessive weights. While lifting or carrying a load manually, correct method should be followed so as to avoid sprain on lumbar region. If the weight is too heavy or bulky help of other workers will be sought.
- When the load is carried by two workers neither of them will let the load come down, without cautioning the other.

Overhead crane

- No person will stand in unsafe position while a wagon is being loaded or unloaded by crane.
- No one will ride on load being carrying by crane
- No one will ride stand or walk under loads suspended from cranes
- The access to overhead crane runway for any purpose whatsoever is straightly prohibited except with the permission of the shift office / supervisor and after notifying the crane driver concerned.

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- When any defect is observed in a crane, it will be reported to the officer/supervisor concerned for rectification.
- While any person, is employed in work on or near the wheel track of travelling crane in any place where he would be liable to be struck down, effective measures will be taken to ensure that crane does not approach within 20 feet of that place.
- If the crane driver feels that someone is in a position to be injured by moving or lifting a load, he will inform the foreman/man-in-charge to caution against danger.
- A crane driver will not make a lift without standard signals from the person with the job and he will take signal only from one person at a time.
- All persons in places over which a crane is operating, will listen for crane bells and other signaling devices.
- The hooters bells, etc., on the crane will always be maintaining in good condition and be audible from the required distance
- Stand clear of loaded magnets. If the power is cut off, the load will fall.

Electricity

- No work will be done on or in close proximity to electricity supply lines and apparatus without the approval of the competent authority.
- The use of defective plugs, sockets and flexible cables will be avoided. All broken or missing covers of switches, etc., will be replaced immediately.
- No one, except a person duly authorized by the electrical department, will operate any switch gear or other electrical equipment except for routine starting and stopping of low and medium voltage motors and “Switching on” of “Switching off” lights and fans etc.
- The repairs to electrical apparatus and electric supply lines will not be carried out by unskilled men and without effectively cutting of supply thereto, and taking necessary precaution to prevent accidental or inadvertent charging thereof.
- The use of water or foam chemical fire extinguishers for extinguishing electrical fires will be strictly avoided and only CO or CTC type of fire extinguishers used for dealing with electrical fires.
- In case of electric shocks, the victim will be detached from the electrical circuit. If he is still in contact with the same, the victim will not be touched by the rescuer, unless the power is cut off or insulated material like wooden log, wooden stick etc., will be used to prevent rescuer from getting the electric shock himself. Medical help should immediately requisitioned and

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artificial respiration given unit the arrival of the medical officer.

Ladders and scaffolds

- Ladders with broken or missing rungs or split side rails or otherwise defective will not be used ladders with safety shoes will be used as far are possible and practicable.
- Ladders will raise sufficiently above the place of landing, and will be tied at the top with rope or held at the foot by workers. This rule does not apply to mould cleaning ladle repairs etc.
- No metallic ladders will be used for electrical work or any work to be executed in close proximity to the electric supply lines or apparatus.
- The use of defective scaffolds will be strictly avoided. All scaffolds will inspected by the person in charge of the work, before commencement of the work. Suspended scaffolds should be of sound construction and good material and of sufficient strength and lifting appliances of these should be tested by subjecting to 50% more load than the rated capacity.

Working overhead

No tools or material will be left in places from where they may accidentally drop on persons below.

Chains and slings

- All bad slinging practices will be strictly avoided
- No defective chain and sling will be used
- No bolt or nail will be inserted or knot tied to shorten a lifting chain
- All wrought iron lifting chains are to be annealed, examined and tested periodically as per factory regulations.

Open manholes

All manholes will be closed with suitable covers. When opened these should be suitably guarded or a red flag during day and red light during night should be installed by the side of the manhole, for warning the passerby.

Excavations

- No excavations of any description will be undertaken in the plant area without obtaining prior permission in writing from the Electrical and Civil Engineering Department in order to avoid possible damage to electric and telecommunication cables or water sewerage or gas lines.
- The under cutting of banks will be strictly avoided.
- All excavations or ditches exceeding five feet in depth will be sloped to safe angle or properly

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shored before permitting any worker to work in them

- All timbering and planks used therein will be inspected by a competent person of the Civil Engineering Department.
- No loose material or load will be placed or stacked near the edge of any excavation thereby endangering the life of person working below.
- All excavations inside the plant will be properly fenced and marked with suitable warning sign board at all times and red lights at nights, this will apply to all uncovered trenches or drains or opening on platforms.

Vehicles

- All vehicles will comply with all the traffic signs and regulations within the plant and they will not exceed the safe speed limits.
- Riding on the running board of any vehicle or any part of the vehicle except on a proper seat is strictly prohibited.
- Riding on hand trolley is strictly prohibited
- Double riding on cycles is strictly prohibited
- Sitting on the side flaps or standing in a truck while in motion is strictly prohibited

First aid boxes

First aid boxes will be provided in suitable places in every department

Repairs and gears

- Department will be equipped with the required types of firefighting equipment's, namely fire hydrant, fire hoses, sand buckets, water buckets, fire extinguishers, etc., wherever necessary.
- Extinguishers using water must not be used on electrical lines or equipment
- Repair work will be taken after the incident is over. During this process, employees are provided with necessary safety appliances and work permits. The declares/ controller of emergency and two officials along with the work incident controller shall immediately prepare the list of safety tools, safety gears and other implements required to control the emergency situation in respect of;

- ✓ Fire

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- ✓ Electrical short circuiting

The safety equipment gadgets that will be made available for combating emergencies at the site are given below:

- ✓ Water tanker
- ✓ Firefighting pumps
- ✓ Hydrant system
- ✓ Fire extinguisher
- ✓ Breathing apparatus
- ✓ First Aid box

The places of availability of these equipment have clearly made known to the concerned persons to use according to the requirement. The required training in using the implement will be provided to the workmen in addition to the mock rehearsals.

Unfamiliar Equipment

No person will use or operate any machine or tools which he has not been authorized or taught to operate.

Horseplay

Horseplay of any kind is prohibited inside the plant. Do not distract attention of others on work.

Work Permits

Procedure of work permits is essential when working at height or working enclosed space, electrical repairs, any critical maintenance jobs, civil excavations or hot working near hazardous areas.

ADMINISTRATIVE CONTROLS

Administrative controls largely involve the development of safe working practices procedures. These controls may include:

- Rescheduling hot work to cooler parts of the day and maintenance to cooler seasons
- Encouraging workers to take short breaks
- Allowing new workers or workers returning from holidays to acclimatize to the heat
- Decreasing heat exposure duration e.g. by rotation of workers

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- Consider job sharing/rotation or using extra workers
- Screen workers for heat intolerance (e.g. those with heart and blood pressure problems or previous heat illness)
- Training of workers in the hazards associated with working in heat and recognizing heat related illnesses, safe work practices, control measures and the use and maintenance of personal protective equipment

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Where exposure to heat cannot be prevented or reduced by any other form of control, all exposed persons must be provided with PPE. PPE may be used in addition to other control measures.

PPE designed to protect persons in hot environment will include:

- Eye wear, such as ultra-violet glasses
- Non-flammable and heat reflective clothing and equipment protective gloves and footwear.

OPERATION AND MAINTENANCE OF FURNACE

In general, for long life of a furnace, it is necessary to take necessary steps from time to time. Its maintenance is easy and cheap, certain steps will be taken on a regular basis which will include the following:

- Before performing any maintenance, make sure to switch off the electrical power and the fuel supply.
- The combustion chamber generates the fire therefore there is building of carbon soot which can corrode the chamber wall hence the chambers will be cleaned the regular basis.
- Leakage or possibility of leakage in the pipe will be repaired from time to time as it may cause the seeping of the carbon monoxide.
- The oil filter must be cleaned from time to time. Any defect in the oil filter may lead to the clogging of the oil-burner nozzle, which could result in a misfire that shuts down the system. It is therefore necessary that defective filter will be replaced.
- In case of electric furnace the heating element will be checked and defective piece will be replaced.
- The water not is allowed to come in close proximity of furnace as contact because the molten alloys used in the furnace to explode.
- The venting system will be proper as the soft, rusted, or broken vent piping can release

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combustion products into the environment.

RISK MANAGEMENT & INSURANCE PLANNING

- Identification of all major internal and external pure risks including the natural risks and analysis of the impact of above risks.
- Scrutiny of all existing major insurance policies in respect of;
 - ✓ Rationalization of basic rate of premium and widening of covers
 - ✓ Applicability/eligibility of discounts in premium.
 - ✓ Application of suitable clauses, warranties and conditions
- Identification of possible areas for refund of premium and suggestions regarding procedure for the same.
- Selection of insurance coverage on the basis of risk analysis
- Providing guidelines on documentation requirements, procedures for claims under various policies, evaluation of insures.
- Risk assessment including prediction of the worst case scenario and maximum credible accident scenario will be carried out. The worst case scenario is taken into account the maximum inventory of storage at site at any point in time.

DISASTER MANAGEMENT PLAN

A disaster is a catastrophic situation; in which, suddenly people are plunged into helplessness and suffering; and as a result, need protection, clothing, shelter, medical & social care and other necessities of life. The Disaster Management Plan (DMP) is aimed to ensure safety of life, protection of environment, protection of installation, restoration of production and salvage operations in this same order of priorities. For effective implementation of DMP, it should be widely circulated and a personnel training is to be provided through rehearsals/drills. To tackle the consequences of a major emergency inside the plant or immediate vicinity of the plant, a DMP is to be formulated

An emergency in the premises has the potential to cause serious injury or loss of lives or extensive damage to the property and/or environment and serious disruption both inside and outside the plant. In such cases, sometimes outside agencies are required to call for help in handling the situation. The causative factors like plant/equipment failure, human error, earth quake, sabotage etc. will normally manifest in various forms viz. Fire, Explosion, structure collapse etc. This DMP lays down the code of conduct of all personnel in the plant and the procedures to be adopted by them in the event of any "Emergency". These procedures have been prepared taking into account the minimum strength of manpower available at all times in the premises. The individuals under the direction of the respective

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Team Leaders shall carry out the responsibilities assigned.

The emergency procedures outlined are suitable for round the clock coverage including holidays. These emergency procedures shall be followed as outlined in the DMP during all shifts.

Objectives

The overall objectives of DMP are:

- To control the situation and if possible eliminate as quickly as possible
- To avoid confusion/panic and to attend the emergency with clear-cut line of action
- To minimize the loss of property to the plant as well as to our neighborhood
- To safe guard the non-affected areas
- To alert the neighborhood
- To arrange head-count and rescue operations
- Treatment of the injured
- To safeguard others by timely evacuation
- To prevent any causes of emergencies

1.10.1.1 Definition of disaster

Disaster is a catastrophic situation in which the day-to-day patterns of life are, in many instances, suddenly disrupted and people are plunged into helplessness and suffering and as a result need protection, clothing, shelter, medical, social care and other necessities of life, such as;

Disasters resulting from natural phenomenon like earthquake, volcanic eruptions, storm, surges, cyclones, tropical storms, floods, landslides, forest fires and massive insect infection. Also in this group, violent drought which will cause a creeping disaster leading to famine, disease and death must be included. Second group includes disastrous events occasioned by man, or by man's impact upon the environment, such as armed conflict, industrial accidents, factory fires, explosion and escape of toxic gases or chemical substances, river pollution, mining and other structural collapses; air, sea, rail and road transport accidents, aircraft crashes, collision of vehicles carrying inflammable liquids, oil, spills at sea, and dam failures.

Accidents

An accident is an unplanned event, which has a probability of causing personal injury or property damage or both. It may result in physical harm (injury or disease) to persons, damage to property,

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loss to the company, a near miss or any combination of the effect. A major accident is a sudden, unexpected, unplanned event, resulting from uncontrolled developments during and industrial activity, which causes or has a potential to cause. Serious adverse effects immediate or delayed (death, injuries, positioning or hospitalization) to a number of people inside the installations and/or to persons outside the establishment. Significant damage may be caused to crops, plants or animals or significant contamination of land, water or air.

Emergency

An emergency is the situation, which has potential to cause a large-scale damage or destruction to life or property or environment or combination of these within or outside the factory. Therefore it is essential to have a laid down procedure to meet emergency systematically. In any industry, emergency can arise at any moment and this depends on the type of;

- Structure
- Raw materials
- Machines
- Nearby industries
- Location of the industry etc.

Nature of emergency:

The “Emergency” specified in this plan will refer to occurrence of one or more of the following natural/manmade events

- Fire
- Explosion
- Spillage of material and product
- Deliberate sabotage, Terrorism, Air Raid etc.
- Natural calamities; - Lightening, storm, Earthquake, Flood etc.
- Collapsing of structure

Medical Aids

First Aid Boxes will be provided at various strategic locations. Requisite number employees are trained about First Aid, Liaison nearest hospitals.

Communication system

- Alarm raising for emergency by following the sirens installed

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- The siren will be used for raising the emergency alarm and also for all clear signals
- Emergency siren: the wailing alarm will be sounded intermittently at fixed interval of 30 seconds for a period of two minutes in case of emergency, such alarm will signify the employees that an emergency has occurred and that the emergency services should be put into operation.
- Incident controller after assessing the situation will declare that emergency is over. Till the incident controller issues the declaration, all the leaders will adhere to the task and be present at the prescribed location.
- All clear signal will be sounded through continuous for 1 minute. Even after the emergency is over a selection staff of the rescue/Evacuation Team will be available at the site of emergency for at least 30 minutes to ensure that the situation is absolutely free from danger.
- After the emergency is over, all the team leaders will meet at the emergency control center and each team leader will submit a report to the incident controller about team performance and other details observed.
- In addition to the above systems, internal telephones, P.A system, Mobile telephones, computer system etc. will be used for communication.
- If situation is beyond the control, the external agencies will be informed accordingly and asked for the help. Direct telephone, cell phone or messengers/runners may achieve this.

Assembly point

In case of emergency some locations are considered as assembly points. Depending on the wind direction and location of emergency, Assembly point will be declared. The employees should run across the wind direction and not against the wind direction. Depending upon the location of the emergency the incident controller will fix the Assembly point and officer will announce the location of the Assembly point. Employee's attendance, visitors and contractors workmen register will be made available at the assembly point for head count.

Emergency control center

Factory Manager Office will be declared as an emergency control center. Emergency control center will be facilities like:

- Address and Telephone numbers of the factory inspectorate, Chhattisgarh Pollution Control Board, Police, Fire Brigade, Hospitals and DMP Team members.
- Plant layout- indicating storage of hazardous materials, layout of fire Hydrants/extinguishers, entrances/exits; roads etc.

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- Portable P.A. system, manual siren, Flood lights, Torches, Pickaxe, Saw Nylon Ropes.
- Fire Blankets/Fire Proximity suit, Breathing Apparatus, First Aid Box etc.
- List of employees with address, telephone number, blood group etc.
- Material safety data sheets of all chemicals handled.

Wind socks

Wind direction can be identified and lets one to decide the direction with the help of installed windsocks. In turn it will help to take precautionary measure to make movement in upstream direction in the event of leakage /fire spread.

Mock drill

Mock drills will be carried out regularly to familiarize the staff with their roles, fire protection equipment/system installed in the plant and use of personnel protective equipment. Senior officials will monitor this and shortcoming will be thoroughly studied and necessary corrective measures will be taken.

Procedures for mock drills

- Information all the employees about mock drills and the signal to be given.
- The date and location of the emergency for mock drills
- Mock drills will be monitored by observers
- Raise of the siren for emergency
- After hearing the siren the incident Controller, Site Controller, Officers and Team Members should actuate the “Disaster Management Plan”.

Procedure on noticing an emergency

- If anybody notice any situation, which may lead to a disaster, will be immediately inform the shift in-charge/ site controller/ incident controller/ fire & safety supervisor/ security.
- Charge of the situation as incident controller
- Rushing to the site of emergency to get the correct picture and then to emergency control center for speedy control over the situation by making an arrangement for raising the alarm.
- On arrival of team members, he shall assign duties as required and activate the on-site

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emergency plan.

- Ensure safety of the plant and the personnel in the plant. He will make an assessment of the emergency and decide on external assistance.
- Communicate and coordinate among the incidents controller/ site controller/ factory manager/ fire safety supervisor etc. and will be final authority on all matters related with management of emergency such as;
 - ✓ Fire fighting
 - ✓ Welfare and rescue operations
 - ✓ Arrange for Civil/Mechanical/Electrical work during emergency.
 - ✓ Transport

Incident controller/site controller

Rushing immediately to the scene of the fire/emergency, select and set out appropriate fire/emergency equipment. He will take the below mentioned actions at the earliest opportunity, if the fire/emergency is not controlled. He will call the security personnel from their residences for additional manpower if required. Regulate entry and exit of personal required for controlling the fire/ emergency restrict exit of personal required for controlling the fire/emergency. Arrangement for personnel protective equipment required for the emergency. Immediate servicing, the local fire brigade, police in case of necessity in consultation with the incident controller. Arrange transport facilities for removal of casualties to dispensary/ hospital. Take responsibility of law and order. Keeping detailed records of the incident and progress of operations to fight the emergency.

Factory manager

He will rush to the emergency control center and collect the information from the incident controller, further he will,

- Announce the location of the assembly point after getting information from incident controller/ site controller.
- Take the list of persons to be communicated internally and externally.
- Maintain liaison with the press, government agencies i.e. police, fire brigade etc. and the neighborhood regarding the emergency under instructions from incident controller.
- Courteously receive officers from the state government or neighbors to the Administration block only and inform to incident controller that they can be taken care off.

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- Take all the steps required for the welfare such as providing tea, snacks, emergency temporary medical center in consultation with the incident controller/site controller.
- Disclose all the necessary information in the plant and media so as to avoid rumors and confusion.
- Also be responsible for the head counts at the assembly points.

Fire & safety supervisor/ shift in-charge & security he will

- Proceed to the scene; establish contact with firemen and incident controller to supplement efforts in firefighting.
- Assist in searching casualties and help to remove them to the medical center
- Organize outside assistance in firefighting and rescue operations if required.
- Mobilize personal protective equipment and safety appliances and assist personnel handling emergency in using them.
- Keep and check on any new development of unsafe situation and report the same to site main controller.
- Collect and preserve evidence to facilitate future inquiries.
- Effectively cordon off the emergency area and will prevent unauthorized people entering the scene.
- Permit the fire tenders or ambulance requisitioned by incident controller to the plant
- Ensure that vehicles and Lorries are sent out of the plant premises.
- Ensure that all the employees are conducted out of plant and assembled at Assembly point.
- Control Traffic Movement
- Remove tankers, tanker drivers outside.
- Entry of unauthorized public to be prevented
- Arrange for vehicles for shifting casualties and essential workers to safe assembly points.

Engineering/operation & maintenance division will

- Ensure the safety of the remaining part of the plant
- Take necessary steps for plant shutdown in consultation with the site controller.

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- Ensure that an operator is immediately available at the water pump house for firefighting.
- Mobilize with necessary tools and tackles to handle any repair work on an emergency basis.

EMERGENCY MANAGEMENT PLAN

An onsite emergency in the industry involving hazardous processes or in hazardous installations is one situation that has potential to cause serious injury or loss of life. It may cause extensive damage to property and serious disruption in the work area and usually, the effects are confined to factory or in several departments of factory, premise. An emergency being when operator at the plant or in charge of storage cannot cope up with a potential hazardous incident, when may run into an emergency.

On Site Emergency Plan

Objectives of Onsite Emergency Plan

A quick and effective response at during an emergency can have tremendous significance on whether the situation is controlled with little loss or it runs into a major emergency purpose an emergency plan is to provide basic guidance to the personnel inside the premises for effectively combating such situations to minimize loss of life, damage to property and loss of property. An objective of emergency planning is to maximize the resource utilization and combined efforts towards emergency operations are as follows;

➤ During an Emergency

- To increase thinking accuracy and to reduce thinking time
- To localize the emergency and is possible eliminates it
- To minimize the effects of accident on people and property.
- To take correct remedial measures in the quickest time possible to contain the incident and the control it with minimum damage.
- To prevent the internal resources and utilize them in the most effective way.
- To arrange rescue and treatment of casualties.

➤ During Normal Time

- To keep the required emergency equipment in stock at right places and ensure the working condition.
- To keep the concerned personnel fully trained in the use of emergency equipment

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- To give immediate warning to the surrounding localities in case of an emergency situation arising.
- To mobilize transport and medical treatment of the injured.
- To get the help from local community and Government officials to supplement manpower and resources.
- To provide information to media & Government agencies, preserving records of situation for subsequent emergency etc.

Off-site Emergency Plan

- Effective response & Co-ordination is equally important with the members of the community residing near by the premises and the people that are not part of the organization but may get affected in a disaster/accident viz. Contractors, outside small shops, suppliers, truck drivers, etc. all these must have the basic information about the process in industry and the safety precautions to be taken. Offsite emergency plan is made for this purpose.

➤ Working of Fire Protection & Hydrant System

These systems are proposed to protect the plant by means of different fire protection facilities and consist of hydrant for exterior as well as internal protection of various Buildings/areas of the plant. Portable extinguishers and hand appliances for extinguishing small fires in different areas of the plant. Water cum foam monitor to be provided in bulk fuel storage area and fire water pumps.

- **Emergency escapes**

The objective of the emergency escape is to escape from the hazardous locations, to the nearest assembly point or the other safe zone, for rescue and evacuation.

- **Assembly Point**

Assembly point is location, where persons unconnected with emergency operations would proceed and await for rescue operation.

- **Wind Sock**

Wind sock for knowing wind direction would be provided at a suitable location to visible from many locations. It is proposed to install windsocks over the terrace of admin office so as to be visible from different locations in the plant.

- **Emergency Transport**

Emergency ambulance would be stationed at the Administrative Office and around the clock-driver

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would be made available for emergency transportation of injured etc. However, the other vehicles of the company also would be available for emergency services.

- **Emergency communication**

There are two kinds of communications system provided.

- a. Regular P&T phones with intercom facility
- b. Mobile phone

- **Warning / Alarm/Communication of Emergency**

The emergency would be communicated by operating electrical siren for continuously for five minutes with high and low pitch mode.

- **Emergency Responsibilities**

Every member in a safety committee is given specific responsibility in this plan. That needs to be highlighted & communicated from time to time.

- **Mutual aid**

While necessary facilities are available and are updated from time to time, sometimes, it may be necessary to seek external assistance; it may be from the neighboring factories or from the State Government at the case may be.

- **Mock Drill**

In spite of detailed training, it may be necessary to try out whether, the plan works out and will there be any difficulties in execution of such plan. Periodic mock drills must be arranged. Before undertaking the drill, it would be very much necessary to give adequate training to all staff members and also information about possible mock drill. After few pre-informed mock drills, few un-informed mock drills would be taken. All this is to familiarize the employees with the concept and procedures and to see their response. These schedule and unscheduled mock drills would be conducted during shift change. Incident controller coordinates this activity.

Detailed On-Site & Off-Site Emergency plan is annexed herewith as per Annexure-A

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VPO: BUDHEWAL, CHANDIGARH ROAD, LUDHIANA

ON SITE EMERGENCY PLAN

1. The ON SITE EMERGENCY PLAN identifies the safe transition from normal operation to emergency operations and systematic shut down, If any, and the delegation of authority from operations personnel to emergency response personnel. For this purpose, the plan shall identify an emergency response organization with appropriate lines of authority with succession planning and actuating the response management. Responsibilities for decision making shall be clearly shown in an emergency organization chart. The plan shall identify each respondent's position, mission, duties and reporting relationship

2. Overall objectives of an emergency control organization is:
 - a) To promptly control problems as they develop at the scene.

 - b) To prevent or limit the impact on other areas and off-site.

 - c) To provide emergency personnel, selecting them for duties compatible with their normal Work functions wherever feasible. The duties and functions assigned to various people include making full use of existing organizations and service groups such as fire, safety, occupational health, medical, transportation, personnel, maintenance, and security.

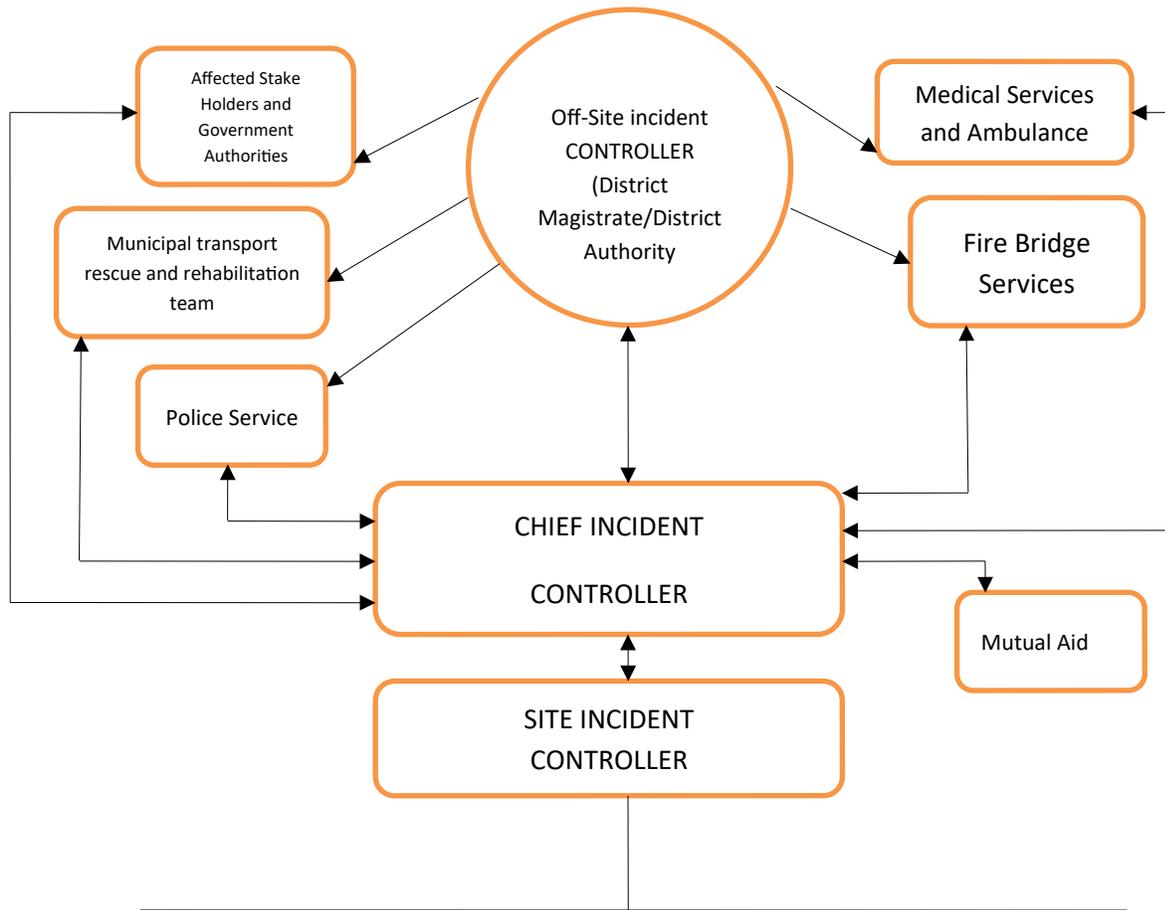
 - d) Employees assume additional responsibilities as per laid down procedure of ON SITE EMERGENCY PLAN whenever an emergency alarm sounds.

 - e) In setting up the organization, the need for round-the-clock coverage is essential. Shift personal are prepared to take charge of the emergency control functions or emergency shutdown of system, if need be, until responsible personnel arrive at the site of emergency. The fire order has been prepared with an alternate person and arrangement for each function.

Emergency Organization Chart

Role of key personnel is clearly defined to avoid confusion and to meet the emergency effectively. The Chief Incident Controller and the Site Incident Controller are two main positions for effective control of an emergency at site. They shall be supported by Emergency Management Team comprising of technical resources from Operations and Maintenance, mechanical, electrical, instrumentation, civil, communications, technical services etc. Fire and Safety, Security, HR (Personal and Administration), Finance and Accounts, C and P personnel shall also take due roles and responsibilities.

ON SITE EMERGENCY PLAN



Correspondence between various positions as per Emergency Organogram and Allied Recycling Limited Organogram are depicted in TABLE – 1 below.

Also following coordination functions are not nominated separated but assigned to members of support and auxiliary services.

- I. Human resources and Welfare Services
- II. Transport and Logistics Services
- III. Media and Public relations
- IV. Operation and technical Coordination

ON SITE EMERGENCY PLAN

On site Emergency:

ON SITE EMERGENCY PLAN fire Organization chart for Onsite Level-01 and Level-02 emergencies during general shift as well as off shift hours are displayed.

1. First responder is operator or maintenance worker who on discovering fire / explosion / gas Leak shall inform to location in-charge / area supervisor.
2. Call for "HELP".
3. Try to extinguish or contain fire with help of nearest available fire extinguisher, water hydrant, without endangering himself.
4. Immediately notify control room confirm location, type and extent of emergency, numbers of injured, if any and nature if injuries, name of reporter etc.
5. Control room operator shall inform to Base In-charge who shall take charge to deal with emergency, inform to O and M In-charge.
6. Fire coordinator shall take immediate "turnout" and action to control emergency.
7. Security coordinator shall carry out rescue operations at site and control of personnel to those required for emergency control.
8. Shift in charge security shall contact Plant Manager and Shift-In-charge-Security (Main Gate) and apprise them about nature and extent of emergency.
9. Shift-In-charge-Security (Main Gate) shall
 - Communicate emergency Message to All Plant Officers
 - Organize arrangement for transportation of officials to site.
 - Inform all duty/ off duty drivers to turn up for duty.
10. Plant Manager and All other officers shall rush to site with members of Emergency Management team and take action to mitigate / contain emergency.
11. All coordinators shall be at respective duty stations and obey instructions from PM.
12. PM will assume full responsibility of emergency action plan. He shall take decision regarding level of emergency, start of Emergency Control Center (ECC).
13. PM Shall take necessary emergency control measures till situation is brought under control. He shall initiate actions and decisions regarding:
 - Operation and maintenance
 - Shut-down of plant and equipment
 - Evacuation of personnel
 - Medical assistance to injured
 - Assistance from mutual aid members and external agencies.
 - Escalation of emergency and reporting incident to district authorities
 - Communication and assistance to affected public

ON SITE EMERGENCY PLAN

TABLE-1

On site-Emergency Organogram and Allied Recycling Ltd. Organogram Correspondence:

| S.N | Emergency Organization Chart | Allied Recycling Ltd. Emergency Organogram | |
|-----|---|--|--------------------------------------|
| | | Primary | Alternate |
| 1 | Chief Incident Controller | Plant Manager | Shift-In-charge-Security (Main Gate) |
| 2 | Site Incident Controller | Shift-In-charge-Security (Main Gate) | Operations Officer |
| 3 | Administration Coordinator | Operations Officer | Operations Officer |
| 4 | Communication Coordinator | Manager (Admin) | Dy. Manager (Admin) |
| 5 | Fire and Safety Coordinator | Shift-In-charge-Security (Main Gate) | Operation Officer |
| 6 | Emergency Management Team Operations and Maintenance Mechanical Electrical Instrumentation Civil Communication Services | Safety and Maintenance Section | |
| 7 | Security Coordinator | Operation Officer | Operation Officer |
| 8 | Support and Auxiliary Services Team HR and Welfare Coordinator Transport and Logistics Media and Public Relations Medical Services Finance Coordinator | S and D Section | |

Note:

1. Plant Manager shall be Chief Incident Controller for overall coordination.
2. Shift-In-charge-Security (Main Gate) shall be Site Incident Controller at Site.
3. All Coordinators shall report to the Site Incident Controller at Site.
4. All Allied Recycling Ltd. Employees working inside shall assemble at ASSEMBLY POINT in front of Admin Office.

(Here after all Allied Recycling Limited Employees means the persons whose role is not defined in action plan)

ON SITE EMERGENCY PLAN

TABLE-2

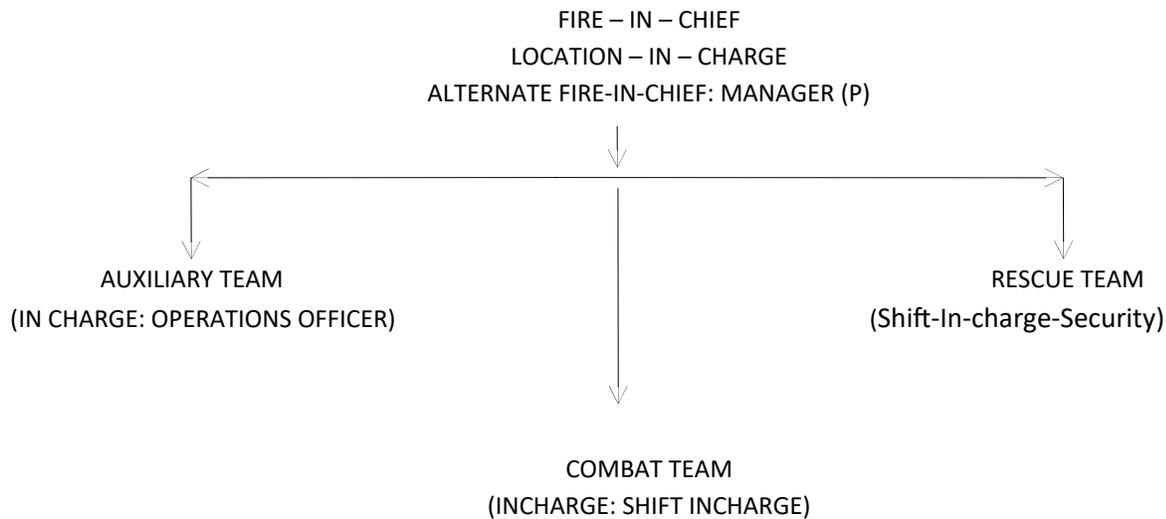
Emergency Organogram during off-office hours (including holidays)

| | Emergency Coordinator | Allied Recycling Ltd. Designation |
|---|-----------------------------|--------------------------------------|
| | Chief emergency coordinator | Security supervisor/Security team |
| 1 | Chief Incident Controller | Plant Manager |
| 2 | Site Incident Controller | Shift-In-charge-Security (Main Gate) |
| 3 | Fire and Safety Coordinator | Operation Officer |
| 4 | Security Coordinator | Shift-In-charge-Security (Main Gate) |

ON SITE EMERGENCY PLAN Organogram for level 1 and level 2 (Onsite) emergencies

ORGANIZATION

CHART



EMERGENCY DURING WORKING HOURS OF WEEK DAYS

ROLE OF FIRE-IN-CHIEF:

- He has to overall manage the situation including firefighting and rescue operation.
- He has to give instructions to the various team in-charge and guide them according to the need of the situation.
- He has to give instructions to the rescue-in-charge to call for external help, if required.
- He has to ensure successful evacuation of employees and other people from the spot of fire to a safe place, when their lives are in danger, and
- To give instruction to the combat team in-charge for displaying the green flag, when the situation is restored to normal

ON SITE EMERGENCY PLAN

FIRST FIRE INSTRUCTION:

- In case of Fire/Leakage, the person on the spot has to stop his operation and will shout “FIRE_FIRE” or “LEAKAGE-LEAKAGE” as the case may be to attract the attention of others. In case of fire, he will immediately operate the DCP FEX at the base of the fire.
- The next person around the spot the next person to receive the information will then immediately operate the nearest hand siren or MCP for spreading the alarm. MCP will activate the electrical siren as well as shut down the electrical supply.
- On hearing the hand siren the security guard at gate no. 2 will operate the electrical fire siren near gate no.02 and will indicate the needle on fire clock to the spot of fire. After his the rest of the team and its members will act according to their role and as per the instruction of the fire-in-chief.

SPECIFICATION OF TEAM MEMBERS AND THEIR DUTIES

COMBAT TEAM

INCHARGE: Shift In-charge.

ALTERNATE IN-CHARGE: Chief Melter.

TEAM MEMBERS: Repair & Maintenance Staff on duty during incident.

DUTIES AS PER WORK STATION

SHIFT INCHARGE/CHIEF MELTER: He will ensure closing of all major operations of the plant such as Melting, Casting and rolling, Loading/unloading. He will then rush all the employees in the shed to the fire spot. He will also have to advise all contract workers to move out of the plant to a designated assembly place near Admin Office.

RECEIPT and DISPATCH OPERATORS: They will rush to the fire spot and remove hose from the nearest hose box and will be ready for hose handling along with Carousal charge-man as per the instruction of the team in-charge.

EVACUATION CHARGEMAN: He will remove all the inflammable material from the spot.

Other Chargemen/ Operators/melters/Foreman will rush to the fire spot and will await instructions of the fire combating team In-charge. They will carry one number of 10kg DCP/CO2 fire extinguishers, according to the situation from the nearest spot of their work station to the spot of fire.

AUXILIARY TEAM

INCHARGE: Electrical Engineer.

ALTERNATE IN-CHARGE: Foreman (Maintenance)

TEAM MEMBERS: Foreman, Operator & Electricians.

ON SITE EMERGENCY PLAN

DUTIES AS PER WORK STATION

Electrical Engineer: He will co-ordinate with the Fire-in-Chief and carry explosimeter to check the presence of inflammable gases, if any.

Foreman (Maintenance): He will ensure that all Compressors/Machines are stopped to avert any accident.

Loading/Unloading Incharge: He will ensure that all loading/unloading operations are stopped and then wait for the instructions of the fire-in-chief to guide the vehicles out through Main Gate.

ELECTRICIAN: He will keep track of the situation and restore power supply once all clear is declared.

SECURITY SUPERVISOR: He will keep the registers of all labour and will guide the truck crew and labors out from the plant.

HEAD SECURITY GUARD AT MAIN GATE NO :He will guide the TT crew / laborers to the assembly zone near Admin Office and take a head count.

MAINTENANCE CHARGEMEN/ OPERATOR: He will position additional 10 kg DCPs FE"x, Fire houses, all kind of nozzles, etc., near the fire spot.

RESCUE TEAM INCHARGE: Stores Incharge)

Alternate in-charge: Finance Officer

Team Members: 2 Assistants.

DUTIES AS PER WORK STATION

SENIOR ASST. (F): He will bring public address system and helmet to the fire spot and will handover the same to Fire-in-chief.

SENIOR ASST. (F): He will rush First-Aid, Emergency Rescue Kit, Fire Entry Suit, Stretcher etc. to the fire spot.

SENIOR ASST. (F): He will position the Red and Green flag at the fire spot. He will also segregate the area into "Safe" and "Unsafe" using barricading tapes.

RESCUE TEAM IN-CHARGE: He will confirm from Fire-in-chief whether to contact Fire Brigade, Police, Hospitals, etc. He will also send one member for controlling traffic at the main gate of the plant.

OFF SITE EMERGENCY PLAN

OFF SITE EMERGENCY:

ALLIED RECYCLING LTD, Ludhiana, Punjab is not notified as a “Major Accident Hazard” installation under Manufacture Storage and Import of Hazardous Chemicals MSIHC rules, 1989 of EPA. Therefore, it is not required to formulate an Off-site Emergency Plan.

Emergency DO’S and DON’TS

| | DO’S | DON’TS |
|--|---|--|
| Anyone noticing an emergency situation | Actuate nearest fire alarm manual call point and / or inform CR/Fire Station on telephone or inform the supervisor. Wait till arrival of fire crew and direct then to the site of emergency. Then report to the assembly point. | DO NOT panic and avoid running all over the place, prevent other from doing so. DO NOT enter the site unless instructed or all clear siren/message is heard. |
| Contractor Personnel | Stop work on hearing alarm. Assemble at the ASSEMBLY POINT and be ready to evacuate. | DO NOT enter the site till it is cleared for the normal work by site incident controller. |
| Security | Keep the gate manned; keep the road clear for movement of fire tenders. Control traffic at gates. | DO NOT allow any unauthorized visitors free to enter. |
| Visitors | Leave the place and assemble at assembly point. | DO NOT enter the site if emergency alarm is heard. |
| All other employees on site | On hearing FIRE alarm, go to assembly point and wait for further instruction. | DO NOT panic. DO NOT go to the site of emergency unless specifically instructed by site main/ incident controller. |

ON SITE EMERGENCY PLAN

TABLE-2

LIST OF COORDINATORS AND THEIR CONTACT NUMBERS

| Sr. No. | Name | Designation | Phone No. |
|---------|--------------------------------|-------------------|-------------------|
| 1 | Sh. Hitesh Abrol | Managing Director | 9814000519 |
| 2 | Sh. Virender Rathi | Manager (Plant) | 9914120519 |
| 3 | S. Shingara Singh/Shobha Singh | Security Incharge | 9914119519 |
| 4 | Sh. Ghuran Pathak | Manager (Admin) | 9914116519 |

Siren Codes:

- (1) The emergency siren/s should be located suitably to cover the whole area with the operational control within the installation. These should be tested at least once in a week to keep them in working condition.
- (2) Emergency siren code should be as follows, namely:-
 - (a) Emergency level-I: A wailing siren for two minutes.
 - (b) Emergency level-II and III: Same type of siren as in case of Level-I and II but the same will be sounded for three times at the interval of one minutes i.e.(wailing siren 2min +gap 1 min + wailing siren 2min + gap 1min + wailing siren 2min) total duration of disaster siren to be eight minutes.
 - (c) ALL CLEAR: Straight run siren for two minutes.
 - (d) TEST: Straight run siren for two minutes at frequency at least once a week. The above sire codes are displayed at prominent places of the Plant.

NOC No **1211-92256-Fire/70653**NOC Type: **New**Dated **20-Jun-2024**

Certified that the **ALLIED RECYCLING LIMITED** at **VPO BUDHEWAL CHANDIGARH ROAD LUDHIANA** comprised of **0** basements and **1** (Upper floor) owned/occupied by **HITESH ABROL** have compiled with the fire prevention and fire safety requirements of National Building Code and verified by the officer concerned of fire service on **14-Jun-2024** in the presence of **HITESH ABROL** (Name of the owner or his representative) and that the building / premises is fit for occupancy group **INDUSTRIAL BUILDING-G** subdivision **G-2** (As per NBC) for period of **one year** from issue date. Subject to the following conditions.

Issued on **20-Jun-2024** at **Ludhiana MC**

ਤਸਦੀਕ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ **ALLIED RECYCLING LIMITED** ਜੋ ਕਿ **VPO BUDHEWAL CHANDIGARH ROAD LUDHIANA** ਸਮੇਤ **0** ਬੇਸਮੈਂਟ ਅਤੇ **1** (ਉੱਪਰਲੀ ਮੰਜ਼ਿਲ) ਮਲਕੀਅਤ/ਕਾਬਜ਼ਦਾਰ **HITESH ABROL** ਨੂੰ ਅੱਗ ਬੁਝਾਉਣ ਦੇ ਪ੍ਰਭਾਵੀ ਅਤੇ ਬਚਾਅ ਦੇ ਰਾਸ਼ਟਰੀ ਬਿਲਡਿੰਗ ਕੋਡ ਅਨੁਸਾਰ ਜਿਸ ਨੂੰ ਸਬੰਧਤ ਅੱਗ ਬੁਝਾਉ ਅਧਿਕਾਰੀ ਵੱਲੋਂ ਪ੍ਰਮਾਣਿਤ ਕੀਤਾ ਗਿਆ **14-Jun-2024** ਮੌਜੂਦਗੀ ਵਿੱਚ **HITESH ABROL** (ਮਾਲਕ ਦਾ ਨਾਮ ਜਾਂ ਉਸ ਦਾ ਪ੍ਰਤੀਨਿਧੀ) ਅਤੇ ਇਮਾਰਤ / ਬਿਲਡਿੰਗ ਆਬਾਦੀ ਲਈ ਯੋਗ ਹੈ। Occupancy Group **INDUSTRIAL BUILDING-G** subdivision **G-2** (ਐਨ. ਬੀ. ਸੀ. ਦੇ ਅਨੁਸਾਰ) ਦੇ ਪ੍ਰਭਾਵੀ ਸਮੇਂ ਤੋਂ **ਇੱਕ ਸਾਲ** ਤੱਕ। ਜਿਸ ਲਈ ਨਿਮਨ ਅਨੁਸਾਰ ਹਦਾਇਤਾਂ ਹਨ।

ਜਾਰੀ ਕਰਨ ਦੀ ਮਿਤੀ **20-Jun-2024** ਕਿੱਥੇ **Ludhiana MC** .

1. Fire Safety arrangements shall be kept in working condition at all the times.
ਹਰ ਸਮੇਂ ਅੱਗ ਤੋਂ ਬਚਾਅ ਦੇ ਯੰਤਰਾਂ ਨੂੰ ਚਾਲੂ /ਚੰਗੀ ਹਾਲਤ ਵਿੱਚ ਰੱਖਿਆ ਜਾਵੇ।
2. No, alteration/ addition/ change in use of occupancy is allowed.
ਕਿਸੇ ਵੀ ਤਰ੍ਹਾਂ ਦੇ ਬਦਲਾਅ/ ਵਾਧੇ/ ਕਾਬਜ਼ਕਾਰ ਵਿੱਚ ਬਦਲਾਵ ਦੀ ਮਨਾਹੀ ਹੈ।
3. Occupants/ owner should have trained staff to operate the operation of fire safety system provided there in.
ਉਪਲੱਬਧ ਅੱਗ ਬੁਝਾਉਣ ਦੇ ਯੰਤਰਾਂ ਦੀ ਵਰਤੋਂ ਤੋਂ ਰਹਿਣ ਵਾਲੇ ਲੋਕਾਂ / ਮਾਲਕਾਂ ਨੂੰ ਜਾਣੂੰ ਕਰਵਾਇਆ ਜਾਣਾ ਯਕੀਨੀ ਬਣਾਇਆ ਜਾਵੇ।
4. Fire Officer can check the arrangements of fire safety at any time, this certificate will be withdrawn without any notice if any deficiency is found.
ਫਾਇਰ ਬਿਊਰੋਡ ਅਧਿਕਾਰੀ ਕਿਸੇ ਵੀ ਵਕਤ ਇਨ੍ਹਾਂ ਸਾਰੇ ਪ੍ਰਬੰਧਾਂ ਨੂੰ ਚੈੱਕ ਕਰ ਸਕਦਾ ਹੈ, ਜੇ ਕਰ ਕੋਈ ਕਮੀ ਪਾਈ ਗਈ ਤਾਂ ਬਿਨਾਂ ਕਿਸੇ ਨੋਟਿਸ ਦੇ ਇਹ ਸਰਟੀਫਿਕੇਟ ਰੱਦ ਸਮਝਿਆ ਜਾਵੇਗਾ।
5. Occupants/ owner should apply for renewal of fire safety certificate one month prior to expiry of this certificate.
ਮਾਲਕ ਜਾਰੀ ਕੀਤੇ ਗਏ ਫਾਇਰ ਸੇਫਟੀ ਸਰਟੀਫਿਕੇਟ ਦੀ ਮਿਤੀ ਖਤਮ ਹੋਣ ਤੋਂ ਇੱਕ ਮਹੀਨਾ ਪਹਿਲਾਂ ਰੀਨੀਊ ਕਰਵਾਉਣ ਲਈ ਪਾਬੰਦ ਹੋਵੇਗਾ।

*** Above Details cannot be used as ownership proof.**

ਉਪਰੋਕਤ ਦਰਸਾਈ ਗਈ ਜਾਣਕਾਰੀ ਨੂੰ ਮਾਲਕਾਨਾ ਦੇ ਸਬੂਤ ਵਜੋਂ ਨਹੀਂ ਵਰਤਿਆ ਜਾਵੇਗਾ।

॥ राम ॥

Allied Recycling Limited

Manufacturers of :
ALLOY & NON ALLOY STEEL BILLETS,
WIRE ROD & ROUND
CIN : U27100PB2003PLC026583



SAFETY, FIRE AND HEALTH POLICY

Allied Recycling Limited is committed to provide safe and healthy environment to its regular & contractual employees and strive for accident prevention by ensuring occupational safety, fire safety & good health for them at all times. Allied Recycling Limited shall endeavour to continuously monitor, improve and promote safe and healthy environment at the workplace by ensuring the followings:

- To comply with the statutory provisions pertaining to the applicable laws in respect of safety, fire and health of the Employees.
- Prevention of fire, work related injuries & ill health of employees by eliminating hazards reducing occupational health, fire & safety risks.
- Continuous improvement in occupational health, fire & safety management system.
- To provide the essential safety gadgets and protection equipment's as per the requirement of the work.
- To maintain the fire-fighting & emergency handling equipment's are always in good working condition and are in compliance with guidelines.
- To conduct periodic medical check-up of the employees.
- Regular health, safety & fire awareness training among employees and maintain record.
- To conduct safety & health promotion activities like affixing banners, posters with safety & health related messages at the prominent places and organising fire, safety & health competitions among employees.
- To affix the telephone numbers of the Emergency Response Team members at the prominent places, so that the information of any incident may be communicated.
- The policy shall be applied equally, fairly and without exception. We shall communicate this policy within organization and would make it applicable to all employees at all times.

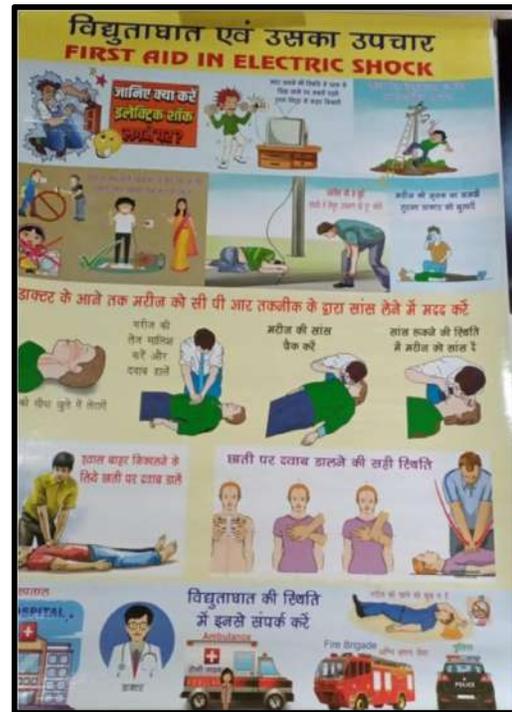
For Allied Recycling Limited

[Handwritten Signature]
Director

Date:01/07/2024

Place: Ludhiana

PHOTOGRAPHS SHOWING SIGN BOARDS FOR SAFETY AND AWARENESS



PHOTOGRAPHS SHOWING MOCK DRILL



Registration Certificate

No. 11922

Board of Ayurvedic & Unani Systems of Medicine, Punjab



S.A.S. NAGAR

I certify that Shri Dr. Parvinder Singh son of Shri Gurdev Singh has been registered in Part First of the Register maintained under The Punjab Ayurvedic and Unani Practitioners Act, 1963, as Ayurvedic Practitioner on 16-06-2015 at S.A.S. Nagar.

Qualifications Ayurvedacharya (B.A.M.S)-2015-Guru Ravidas Ayurved University, Hoshiarpur- (S.K.S.S Ayurvedic College, Sarabha, Ludhiana) -

Date of birth 23-01-1990

Address H.No.28283, Street No.04, Multania Road, Bathinda (Bathinda)

- Notes. - (1) This certificate entitles the holder to practice within the State of Punjab only.
 (2) This certificate remains evidence of Registration only until the publication of the printed Register for the year 20,.....

Valid Upto- 30/06/2025

Sanjeev Goyal
 29/06/2020
 REGISTRAR

Dr. Sanjeev Goyal

IMPORTANT NOTICE

Every registered practitioner should be careful to send to the Registrar immediate notice of any change in his address, and also to answer all inquiries that may be sent to him by the Registrar in regard thereto, in order that his correct address may be duly inserted in the Register, Otherwise under Section 14(5) of the Punjab Ayurvedic and Unani Practitioners Act, 1963, the name of such practitioner is liable to be removed from the Register.





EMPLOYEES' STATE INSURANCE CORPORATION
Return of Declaration Form
Regulation 14

Name & Address of Factory or Establishment

Allied Recycling Ltd.
VPO Budhewal Chandigarh Road,
Ludhiana.

Employer's Code No.

26000442310000599

I send herewith Declaration Forms in respect of the employees mentioned below. I hereby declare that every person employed as an employee within the meaning of Section 2(9) of the Employees' State Insurance Act, 1948 on in this factory or establishment and in respect of a remuneration not exceeding Rs. 15,000/- (excluding remuneration for overtime work) per month has been included in this list (excepting only those in respect of whom declaration forms have been sent to the Corporation in the past).

Place

Local Office

Date

8/11/2023

Designation

| SI No | Employee Name | Insurance No. | From Date. | To Date. | Exemption Status. | Registration Date | Aadhaar Status | |
|-------|--------------------|---------------|------------|----------|-------------------|-------------------|----------------|---------------|
| | | | | | | | Self | Dependant |
| 1 | ABHISHEK SINGH | 2614171835 | -- | -- | NO | 23-04-2021 | Seeded | No dependants |
| 2 | ACHCHELAL CHAUHAN | 2613346521 | -- | -- | NO | 22-03-2017 | Seeded | No dependants |
| 3 | AJAY KUMAR KUSHWAJ | 2614667343 | -- | -- | NO | 22-09-2023 | Seeded | No dependants |
| 4 | AJAY PATHAK | 2614018936 | -- | -- | NO | 21-07-2020 | Seeded | No dependants |
| 5 | Ajeet Kumar Pandey | 2610179024 | -- | -- | NO | 10-06-2014 | Seeded | Seeded |
| 6 | AKASHDEEP SINGH | 2614612497 | -- | -- | NO | 18-06-2023 | Not Seeded | No dependants |
| 7 | AKHILESH YADAV | 2614680923 | -- | -- | NO | 18-10-2023 | Seeded | No dependants |

| SI No | Employee Name | Insurance No. | From Date. | To Date. | Exemption Status. | Registration Date | Aadhaar Status | |
|-------|------------------|---------------|------------|----------|-------------------|-------------------|----------------|---------------|
| | | | | | | | Self | Dependant |
| 8 | AMAR KISHORE | 2612914454 | -- | -- | NO | 13-02-2021 | Not Seeded | Not Seeded |
| 9 | AMAR KR SINGH | 2611046477 | -- | -- | NO | 15-05-2013 | Not Seeded | Not Seeded |
| 10 | AMIT KUMAR | 2614662448 | -- | -- | NO | 16-09-2023 | Not Seeded | No dependants |
| 11 | ANIL KUMAR | 2613546948 | -- | -- | NO | 24-08-2023 | Not Seeded | No dependants |
| 12 | ANIL SINGH | 2614400440 | -- | -- | NO | 09-03-2023 | Not Seeded | No dependants |
| 13 | ANKUR NISHAD | 2614400475 | -- | -- | NO | 21-05-2022 | Not Seeded | No dependants |
| 14 | ARJUN KUMAR | 2614611173 | -- | -- | NO | 16-06-2023 | Seeded | No dependants |
| 15 | ARJUN SHARMA | 4403947265 | -- | -- | NO | 14-10-2021 | Not Seeded | No dependants |
| 16 | ARMAN | 2614062137 | -- | -- | NO | 20-05-2023 | Seeded | No dependants |
| 17 | ARUN | 2614525513 | -- | -- | NO | 20-07-2023 | Not Seeded | Not Seeded |
| 18 | ARUN KUMAR MAJHI | 2614551574 | -- | -- | NO | 16-06-2023 | Not Seeded | No dependants |
| 19 | ATWAL SINGH | 2614650506 | -- | -- | NO | 23-08-2023 | Not Seeded | No dependants |
| 20 | AVADHRAJ YADAV | 2612752492 | -- | -- | NO | 05-10-2023 | Seeded | Not Seeded |
| 21 | Avlendra Kumar | 2613196844 | -- | -- | NO | 13-02-2023 | Seeded | Not Seeded |
| 22 | BABADEEN | 2613674970 | -- | -- | NO | 18-06-2021 | Seeded | No dependants |
| 23 | BALRAJ SINGH | 2614533083 | -- | -- | NO | 10-01-2023 | Seeded | Not Seeded |

| SI No | Employee Name | Insurance No. | From Date. | To Date. | Exemption Status. | Registration Date | Aadhaar Status | |
|-------|--------------------|---------------|------------|----------|-------------------|-------------------|----------------|---------------|
| | | | | | | | Self | Dependant |
| 24 | BALRAJ SINGH | 2614533083 | -- | -- | NO | 10-01-2023 | Seeded | Seeded |
| 25 | BEANT SINGH | 2614130022 | -- | -- | NO | 09-02-2021 | Seeded | No dependants |
| 26 | BIKAU KUMAR KUSHWA | 2614680833 | -- | -- | NO | 18-10-2023 | Seeded | No dependants |
| 27 | BINAY KUMAR SINGH | 2613710212 | -- | -- | NO | 18-09-2019 | Seeded | Not Seeded |
| 28 | Bipin Singh | 2609066340 | -- | -- | NO | 05-01-2017 | Seeded | Not Seeded |
| 29 | BIRENDER RABANI | 2610182135 | -- | -- | NO | 06-02-2019 | Seeded | Not Seeded |
| 30 | BIRU KUMAR | 2614650544 | -- | -- | NO | 23-08-2023 | Seeded | No dependants |
| 31 | BITTU KUMAR YADAV | 2614263144 | -- | -- | NO | 16-09-2021 | Seeded | No dependants |
| 32 | CHANDAN KUMAR | 2614662367 | -- | -- | NO | 16-09-2023 | Not Seeded | No dependants |
| 33 | CHANDAN KUMAR RAY | 2614664705 | -- | -- | NO | 19-09-2023 | Not Seeded | No dependants |
| 34 | CHANDAN KUMAR YAD, | 2613674979 | -- | -- | NO | 08-03-2021 | Seeded | No dependants |
| 35 | CHANDAN SHAW | 2614478844 | -- | -- | NO | 22-09-2022 | Not Seeded | No dependants |
| 36 | Chanderjeet Jha | 2610442275 | -- | -- | NO | 13-02-2021 | Seeded | No dependants |
| 37 | CHANDESHWAR RAI | 2610175472 | -- | -- | NO | 03-01-2018 | Seeded | No dependants |
| 38 | DAVINDER SINGH | 2614612496 | -- | -- | NO | 18-06-2023 | Not Seeded | No dependants |
| 39 | DEEPAK | 2613515480 | -- | -- | NO | 07-08-2020 | Seeded | No dependants |

| SI No | Employee Name | Insurance No. | From Date. | To Date. | Exemption Status. | Registration Date | Aadhaar Status | |
|-------|--------------------|---------------|------------|----------|-------------------|-------------------|----------------|---------------|
| | | | | | | | Self | Dependant |
| 40 | DEEPU GAUD | 2614681487 | -- | -- | NO | 19-10-2023 | Seeded | No dependants |
| 41 | DESH SINGH CHADHA | 2613392445 | -- | -- | NO | 08-07-2022 | Seeded | Not Seeded |
| 42 | DEVINDER SINGH | 2610182131 | -- | -- | NO | 11-06-2013 | Seeded | Not Seeded |
| 43 | DHARMDEV | 2614680368 | -- | -- | NO | 17-10-2023 | Seeded | No dependants |
| 44 | DHARMINDER SINGH | 2614630289 | -- | -- | NO | 20-07-2023 | Seeded | No dependants |
| 45 | DIBYANSHU RAI | 2614263106 | -- | -- | NO | 16-09-2021 | Not Seeded | Not Seeded |
| 46 | DILDAR SINGH | 2614102561 | -- | -- | NO | 25-12-2020 | Seeded | No dependants |
| 47 | DIPAK KUMAR RAWANI | 2614360354 | -- | -- | NO | 17-10-2023 | Not Seeded | No dependants |
| 48 | DIPAK MANDAL | 2614674964 | -- | -- | NO | 05-10-2023 | Seeded | No dependants |
| 49 | DUKHRAN MANJHI | 2614611158 | -- | -- | NO | 16-06-2023 | Seeded | No dependants |
| 50 | EZAJ | 2614675140 | -- | -- | NO | 05-10-2023 | Seeded | No dependants |
| 51 | GAGANDEEP SINGH | 2614083921 | -- | -- | NO | 09-03-2023 | Seeded | Not Seeded |
| 52 | GAJENDRA KUMAR | 2613710204 | -- | -- | NO | 16-09-2020 | Seeded | No dependants |
| 53 | GOVIND GUPTA | 2614664590 | -- | -- | NO | 19-09-2023 | Not Seeded | No dependants |
| 54 | GUDDU KUMAR | 2614680003 | -- | -- | NO | 17-10-2023 | Seeded | No dependants |
| 55 | GURJINDER SINGH | 2613598814 | -- | -- | NO | 20-07-2023 | Seeded | No dependants |

| SI No | Employee Name | Insurance No. | From Date. | To Date. | Exemption Status. | Registration Date | Aadhaar Status | |
|-------|---------------------|---------------|------------|----------|-------------------|-------------------|----------------|---------------|
| | | | | | | | Self | Dependant |
| 56 | GURPREET SINGH | 2613436812 | -- | -- | NO | 09-08-2017 | Seeded | Not Seeded |
| 57 | GURPREET SINGH | 2614385036 | -- | -- | NO | 10-01-2023 | Seeded | Not Seeded |
| 58 | GURSHARAN SINGH | 2614559170 | -- | -- | NO | 09-03-2023 | Seeded | No dependants |
| 59 | GURSIMERJIT SINGH | 2612835159 | -- | -- | NO | 09-08-2019 | Seeded | Not Seeded |
| 60 | HABIBULLAH ANSARI | 2614382270 | -- | -- | NO | 20-04-2022 | Seeded | No dependants |
| 61 | HARIOM SINGH | 2614432694 | -- | -- | NO | 08-07-2022 | Seeded | No dependants |
| 62 | HARIVANSH RAY | 2614611286 | -- | -- | NO | 16-06-2023 | Not Seeded | No dependants |
| 63 | HARJIT SINGH | 2614681827 | -- | -- | NO | 19-10-2023 | Seeded | No dependants |
| 64 | HARJOT SINGH | 2614565732 | -- | -- | NO | 23-03-2023 | Seeded | No dependants |
| 65 | HARPREET SINGH GILL | 2614382155 | -- | -- | NO | 20-04-2022 | Seeded | No dependants |
| 66 | HIMANSHU KUMAR | 5916827327 | -- | -- | NO | 22-09-2023 | Not Seeded | No dependants |
| 67 | Hiralal Yadav | 2610174054 | -- | -- | NO | 04-05-2019 | Seeded | No dependants |
| 68 | HRISHEEKESH KUMAR | 2614680422 | -- | -- | NO | 17-10-2023 | Seeded | No dependants |
| 69 | ISRAIL ANSARI | 2614611050 | -- | -- | NO | 16-06-2023 | Seeded | No dependants |
| 70 | JAGDEEP SINGH | 2613515564 | -- | -- | NO | 04-02-2020 | Seeded | No dependants |
| 71 | JAGDEV SINGH | 2614478803 | -- | -- | NO | 22-09-2022 | Seeded | Seeded |

| SI No | Employee Name | Insurance No. | From Date. | To Date. | Exemption Status. | Registration Date | Aadhaar Status | |
|-------|--------------------|---------------|------------|----------|-------------------|-------------------|----------------|---------------|
| | | | | | | | Self | Dependant |
| 72 | JAGRAJ SINGH | 2614577231 | -- | -- | NO | 17-04-2023 | Seeded | No dependants |
| 73 | JAGTAR SINGH | 2609904703 | -- | -- | NO | 03-01-2013 | Seeded | Not Seeded |
| 74 | JASPAL SINGH | 2613745700 | -- | -- | NO | 22-02-2023 | Seeded | Not Seeded |
| 75 | JASVIR SINGH | 2614682548 | -- | -- | NO | 20-10-2023 | Seeded | No dependants |
| 76 | JASWANT SINGH | 2613963086 | -- | -- | NO | 16-06-2021 | Not Seeded | No dependants |
| 77 | JITENDRA KUMAR | 2613566023 | -- | -- | NO | 14-08-2020 | Seeded | No dependants |
| 78 | JITENDRA SWAMINATH | 2614565757 | -- | -- | NO | 23-03-2023 | Seeded | No dependants |
| 79 | KAKA SINGH | 2613867534 | -- | -- | NO | 17-04-2023 | Seeded | No dependants |
| 80 | KALI YADAV | 2613515497 | -- | -- | NO | 08-01-2021 | Seeded | No dependants |
| 81 | KAMESHWAR YADAV | 2613710221 | -- | -- | NO | 16-09-2020 | Seeded | Not Seeded |
| 82 | KARAN KUMAR | 2614547580 | -- | -- | NO | 10-02-2023 | Not Seeded | No dependants |
| 83 | KHILA SINGH | 2611046473 | -- | -- | NO | 25-09-2015 | Not Seeded | Not Seeded |
| 84 | KRIPA SHANKAR | 2613507640 | -- | -- | NO | 21-09-2020 | Seeded | No dependants |
| 85 | KUBER YADEV | 2614553704 | -- | -- | NO | 16-06-2023 | Not Seeded | No dependants |
| 86 | KUTUMB RAI | 2614666673 | -- | -- | NO | 21-09-2023 | Seeded | No dependants |
| 87 | LAKHWINDER PAL | 2614559175 | -- | -- | NO | 09-03-2023 | Seeded | No dependants |

| SI No | Employee Name | Insurance No. | From Date. | To Date. | Exemption Status. | Registration Date | Aadhaar Status | |
|-------|----------------------|---------------|------------|----------|-------------------|-------------------|----------------|---------------|
| | | | | | | | Self | Dependant |
| 88 | LALAN | 2614667522 | -- | -- | NO | 22-09-2023 | Seeded | No dependants |
| 89 | LOKNATH BHAGAT | 2613546846 | -- | -- | NO | 21-11-2020 | Seeded | No dependants |
| 90 | MAHESH KUMAR | 2614630073 | -- | -- | NO | 20-07-2023 | Seeded | No dependants |
| 91 | MAJOR SINGH | 2614650610 | -- | -- | NO | 23-08-2023 | Seeded | No dependants |
| 92 | MANDEEP SINGH | 2613515577 | -- | -- | NO | 05-01-2018 | Seeded | Not Seeded |
| 93 | MANINDER SINGH | 2614310181 | -- | -- | NO | 10-12-2021 | Not Seeded | Not Seeded |
| 94 | MANISH KUMAR | 2613499469 | -- | -- | NO | 07-12-2017 | Seeded | No dependants |
| 95 | MANJIT SINGH | 2614263279 | -- | -- | NO | 16-09-2021 | Not Seeded | No dependants |
| 96 | MANTOO | 2614551648 | -- | -- | NO | 16-06-2023 | Not Seeded | No dependants |
| 97 | MD AJHAR | 2614630084 | -- | -- | NO | 20-07-2023 | Seeded | No dependants |
| 98 | MD HARISH | 2614593442 | -- | -- | NO | 17-05-2023 | Seeded | No dependants |
| 99 | MEHAR SINGH | 2613444973 | -- | -- | NO | 15-04-2021 | Not Seeded | Not Seeded |
| 100 | Mithlesh Kumar Yadav | 2610175829 | -- | -- | NO | 22-09-2021 | Seeded | No dependants |
| 101 | MRITYUNJAY KUMAR Y, | 2614171815 | -- | -- | NO | 22-02-2023 | Seeded | No dependants |
| 102 | MUBAARAK ALI | 2614553709 | -- | -- | NO | 16-06-2023 | Not Seeded | No dependants |
| 103 | MUKESH KUMAR MANC | 2614382244 | -- | -- | NO | 20-04-2022 | Seeded | No dependants |

| SI No | Employee Name | Insurance No. | From Date. | To Date. | Exemption Status. | Registration Date | Aadhaar Status | |
|-------|----------------------|---------------|------------|----------|-------------------|-------------------|----------------|---------------|
| | | | | | | | Self | Dependant |
| 104 | MUNNA LAL | 2614595454 | -- | -- | NO | 20-05-2023 | Not Seeded | No dependants |
| 105 | MUNNA SINGH | 2614594074 | -- | -- | NO | 18-05-2023 | Not Seeded | No dependants |
| 106 | NARENDRA YADAV | 2613920023 | -- | -- | NO | 10-12-2021 | Seeded | Not Seeded |
| 107 | NAVEEN KUMAR | 2613519554 | -- | -- | NO | 12-01-2018 | Seeded | No dependants |
| 108 | NIRAJ | 2614679380 | -- | -- | NO | 16-10-2023 | Not Seeded | No dependants |
| 109 | PANKAJ | 2614574578 | -- | -- | NO | 11-04-2023 | Seeded | No dependants |
| 110 | Parmod Kumar Singh | 2613519381 | -- | -- | NO | 08-05-2021 | Seeded | No dependants |
| 111 | Pavan Kumar Gaur | 2614279676 | -- | -- | NO | 14-10-2021 | Seeded | No dependants |
| 112 | PINTU KUMAR | 2614219961 | -- | -- | NO | 21-06-2023 | Seeded | No dependants |
| 113 | PRADEEP KUMAR | 2613519439 | -- | -- | NO | 26-07-2021 | Seeded | No dependants |
| 114 | PRINCE | 2614551628 | -- | -- | NO | 16-06-2023 | Seeded | No dependants |
| 115 | RAGHVENDRA | 2614680097 | -- | -- | NO | 17-10-2023 | Seeded | No dependants |
| 116 | RAHUL KUMAR | 2614559168 | -- | -- | NO | 09-03-2023 | Seeded | No dependants |
| 117 | Raja Kumar Choudhary | 2614614342 | -- | -- | NO | 21-06-2023 | Seeded | No dependants |
| 118 | RAJAN KUMAR DUBEY | 2613515474 | -- | -- | NO | 17-09-2020 | Seeded | No dependants |
| 119 | RAJBIR SINGH | 2613832123 | -- | -- | NO | 22-08-2019 | Not Seeded | Not Seeded |

| SI No | Employee Name | Insurance No. | From Date. | To Date. | Exemption Status. | Registration Date | Aadhaar Status | |
|-------|---------------------|---------------|------------|----------|-------------------|-------------------|----------------|---------------|
| | | | | | | | Self | Dependant |
| 120 | RAJESH DUBEY | 2614316650 | -- | -- | NO | 21-12-2021 | Seeded | Not Seeded |
| 121 | RAJESH KUMAR SHARMA | 2614682309 | -- | -- | NO | 20-10-2023 | Seeded | No dependants |
| 122 | RAJIV KUMAR | 2614049389 | -- | -- | NO | 09-03-2023 | Not Seeded | No dependants |
| 123 | RAJKISHOR SAV | 2613515504 | -- | -- | NO | 20-07-2018 | Seeded | Not Seeded |
| 124 | RAJNISH TIWARI | 2613507894 | -- | -- | NO | 22-12-2017 | Seeded | No dependants |
| 125 | RAJPAL SINGH | 2612465775 | -- | -- | NO | 19-02-2018 | Not Seeded | Not Seeded |
| 126 | RAJU KUMAR | 2614062833 | -- | -- | NO | 20-07-2023 | Seeded | No dependants |
| 127 | RAKESH KUMAR | 2613519425 | -- | -- | NO | 10-01-2023 | Seeded | No dependants |
| 128 | RAKESH KUMAR YADAV | 2614165332 | -- | -- | NO | 10-04-2021 | Seeded | No dependants |
| 129 | RAM RAKSHA | 2614240275 | -- | -- | NO | 13-08-2021 | Seeded | No dependants |
| 130 | RAMA | 2614664803 | -- | -- | NO | 19-09-2023 | Seeded | No dependants |
| 131 | RAMESH | 2614665751 | -- | -- | NO | 20-09-2023 | Seeded | No dependants |
| 132 | RAMESH KUMAR | 2614478827 | -- | -- | NO | 22-09-2022 | Seeded | No dependants |
| 133 | RAMESHWAR | 2614668980 | -- | -- | NO | 25-09-2023 | Seeded | No dependants |
| 134 | RANJAN KUMAR | 2613519394 | -- | -- | NO | 10-01-2023 | Seeded | No dependants |
| 135 | RANJIT KUMAR SINGH | 2614147000 | -- | -- | NO | 08-03-2021 | Seeded | Not Seeded |

| SI No | Employee Name | Insurance No. | From Date. | To Date. | Exemption Status. | Registration Date | Aadhaar Status | |
|-------|--------------------|---------------|------------|----------|-------------------|-------------------|----------------|---------------|
| | | | | | | | Self | Dependant |
| 136 | Ravi Kumar | 2611053217 | -- | -- | NO | 05-06-2021 | Seeded | Not Seeded |
| 137 | RAVI PANDEY | 2613519418 | -- | -- | NO | 08-05-2021 | Seeded | Not Seeded |
| 138 | RAVINDRA KUSHWAHA | 2614667480 | -- | -- | NO | 22-09-2023 | Seeded | No dependants |
| 139 | RAVINDRA RAY | 2614611125 | -- | -- | NO | 16-06-2023 | Seeded | No dependants |
| 140 | ROHIT SINGH | 2913837805 | -- | -- | NO | 23-08-2023 | Seeded | No dependants |
| 141 | RUPESH KUMAR | 2611046483 | -- | -- | NO | 14-05-2012 | Seeded | Seeded |
| 142 | RUPESH KUMAR | 2611046483 | -- | -- | NO | 14-05-2012 | Seeded | Not Seeded |
| 143 | SAHIL ANSARI | 2614611321 | -- | -- | NO | 16-06-2023 | Seeded | No dependants |
| 144 | SANDEEP KUMAR PANI | 2614630124 | -- | -- | NO | 20-07-2023 | Seeded | No dependants |
| 145 | SANJAY KUMAR | 2610174052 | -- | -- | NO | 16-09-2020 | Seeded | Not Seeded |
| 146 | SANJAY KUMAR | 2613710311 | -- | -- | NO | 13-01-2023 | Seeded | No dependants |
| 147 | SANJAY SINGH | 2614199507 | -- | -- | NO | 16-06-2021 | Seeded | No dependants |
| 148 | SANJEET SAHNI | 2613674976 | -- | -- | NO | 26-07-2021 | Not Seeded | Not Seeded |
| 149 | SANJEEV KUMAR SING | 2614506352 | -- | -- | NO | 18-11-2022 | Seeded | Not Seeded |
| 150 | SANTOSH KUMAR | 2612611850 | -- | -- | NO | 02-05-2019 | Seeded | Not Seeded |
| 151 | SANTOSH KUMAR | 2614102581 | -- | -- | NO | 16-01-2023 | Seeded | No dependants |

| SI No | Employee Name | Insurance No. | From Date. | To Date. | Exemption Status. | Registration Date | Aadhaar Status | |
|-------|---------------------|---------------|------------|----------|-------------------|-------------------|----------------|---------------|
| | | | | | | | Self | Dependant |
| 152 | SANTOSH KUMAR | 2614553685 | -- | -- | NO | 16-06-2023 | Seeded | No dependants |
| 153 | SANTOSH SHARMA | 2614630148 | -- | -- | NO | 20-07-2023 | Seeded | No dependants |
| 154 | SARAVJIT SINGH | 2614316749 | -- | -- | NO | 21-12-2021 | Seeded | No dependants |
| 155 | SAROJ SINGH | 2613239512 | -- | -- | NO | 04-05-2019 | Seeded | Not Seeded |
| 156 | SATISH KUMAR MISTRI | 2613710298 | -- | -- | NO | 14-10-2021 | Seeded | No dependants |
| 157 | SATISH KUMARM | 2614673717 | -- | -- | NO | 03-10-2023 | Seeded | No dependants |
| 158 | SATYENDRA KUMAR | 2614551654 | -- | -- | NO | 16-06-2023 | Not Seeded | No dependants |
| 159 | SHAILESH KUMAR | 2614565739 | -- | -- | NO | 23-03-2023 | Not Seeded | No dependants |
| 160 | SHAMBHU YADAV | 2613466082 | -- | -- | NO | 21-04-2022 | Seeded | Not Seeded |
| 161 | SHANKAR YADAV | 2613647364 | -- | -- | NO | 10-04-2021 | Seeded | No dependants |
| 162 | SHEKH SABIR | 2614611303 | -- | -- | NO | 16-06-2023 | Not Seeded | No dependants |
| 163 | SHINGARA SINGH | 2613284786 | -- | -- | NO | 09-01-2017 | Seeded | No dependants |
| 164 | SHIV NARAYAN YADAV | 2613402351 | -- | -- | NO | 06-02-2019 | Seeded | Not Seeded |
| 165 | SHIV PARSHAD YADAV | 2612390615 | -- | -- | NO | 10-07-2013 | Not Seeded | Not Seeded |
| 166 | SHIVNATH KUMAR | 2614553699 | -- | -- | NO | 16-06-2023 | Not Seeded | No dependants |
| 167 | SHREERAM PASWAN | 2614279635 | -- | -- | NO | 14-10-2021 | Seeded | No dependants |

| SI No | Employee Name | Insurance No. | From Date. | To Date. | Exemption Status. | Registration Date | Aadhaar Status | |
|-------|--------------------|---------------|------------|----------|-------------------|-------------------|----------------|---------------|
| | | | | | | | Self | Dependant |
| 168 | SHRIKANT KUMAR YAD | 2614650527 | -- | -- | NO | 23-08-2023 | Seeded | No dependants |
| 169 | SHRINIVAS KUSHWAHA | 2614665887 | -- | -- | NO | 20-09-2023 | Seeded | No dependants |
| 170 | SHUSHIL KUMAR CHAU | 2614662394 | -- | -- | NO | 16-09-2023 | Not Seeded | No dependants |
| 171 | SHYAM KUMAR | 2614018813 | -- | -- | NO | 13-02-2023 | Seeded | No dependants |
| 172 | SHYAM SINGH | 2614478810 | -- | -- | NO | 22-09-2022 | Seeded | No dependants |
| 173 | SIKANDAR SAH | 2614662524 | -- | -- | NO | 16-09-2023 | Not Seeded | No dependants |
| 174 | SIKANDER SINGH | 2612438429 | -- | -- | NO | 01-09-2012 | Seeded | No dependants |
| 175 | SOBHA SINGH | 2609304250 | -- | -- | NO | 21-04-2017 | Seeded | Not Seeded |
| 176 | SUDHIR MANDAL | 2614553507 | -- | -- | NO | 16-06-2023 | Seeded | No dependants |
| 177 | SUJEET KUMAR | 2613710233 | -- | -- | NO | 07-08-2020 | Seeded | No dependants |
| 178 | SUKHDEV SINGH | 2612699505 | -- | -- | NO | 20-05-2022 | Not Seeded | Not Seeded |
| 179 | SUKHWINDER SINGH | 2614507086 | -- | -- | NO | 10-01-2023 | Seeded | Not Seeded |
| 180 | SUNIL KUMAR | 2613279007 | -- | -- | NO | 18-06-2021 | Seeded | Not Seeded |
| 181 | SUNIL KUMAR | 2614650581 | -- | -- | NO | 23-08-2023 | Seeded | No dependants |
| 182 | SUNIL KUMAR SINGH | 2612486908 | -- | -- | NO | 25-12-2014 | Seeded | Not Seeded |
| 183 | Surjit Mandal | 2612857252 | -- | -- | NO | 17-06-2017 | Seeded | No dependants |

| SI No | Employee Name | Insurance No. | From Date. | To Date. | Exemption Status. | Registration Date | Aadhaar Status | |
|-------|--------------------|---------------|------------|----------|-------------------|-------------------|----------------|---------------|
| | | | | | | | Self | Dependant |
| 184 | SURJIT SINGH | 2614066871 | -- | -- | NO | 16-10-2020 | Seeded | Not Seeded |
| 185 | SURYA PRATAP SINGH | 2613648139 | -- | -- | NO | 23-03-2023 | Seeded | Seeded |
| 186 | TIPU KUMAR | 2614662358 | -- | -- | NO | 16-09-2023 | Not Seeded | No dependants |
| 187 | UJJBAL KUMAR | 2614595442 | -- | -- | NO | 20-05-2023 | Not Seeded | No dependants |
| 188 | UMESH KUMAR | 2614565746 | -- | -- | NO | 23-03-2023 | Not Seeded | No dependants |
| 189 | UMESH MANJHI | 2614611142 | -- | -- | NO | 16-06-2023 | Seeded | No dependants |
| 190 | VARUN KAPOOR | 2613499454 | -- | -- | NO | 07-12-2017 | Seeded | Not Seeded |
| 191 | VARUN KAPOOR | 2613499454 | -- | -- | NO | 07-12-2017 | Seeded | Seeded |
| 192 | VI JAY | 2613533482 | -- | -- | NO | 10-02-2018 | Seeded | No dependants |
| 193 | VIJAY PASWAN | 2614316637 | -- | -- | NO | 13-01-2023 | Seeded | No dependants |
| 194 | VIKASH CHAUDHARY | 2614551635 | -- | -- | NO | 16-06-2023 | Not Seeded | No dependants |
| 195 | VIKASH KUMAR | 2614227066 | -- | -- | NO | 26-07-2021 | Seeded | No dependants |
| 196 | VIKASH KUMAR | 2614432724 | -- | -- | NO | 16-10-2023 | Seeded | No dependants |
| 197 | VINDRESH VARMA | 1713534277 | -- | -- | NO | 10-02-2023 | Seeded | Not Seeded |
| 198 | VINEET KUMAR | 2614060832 | -- | -- | NO | 06-10-2023 | Seeded | No dependants |
| 199 | VIVEK KUMAR | 2614316655 | -- | -- | NO | 20-05-2023 | Seeded | No dependants |



SHREE RAGHUNATH HOSPITAL

Registered for Exemption U/s 80-G of the Income Tax Act, 1961 Vide C.I.T. Ludhiana
Order No. C.I.T.-III/LDH./JB/80-G/315/10-11/5113 Dt. 24-03-2011



AGGAR NAGAR, FEROZEPUR ROAD, LUDHIANA-141 012.

6102

Ref. No. _____

Dated 16/12/24

To whom it may concern

It is to inform you that Arman Age 20Y
is clinically fit to join his duties


Dr. Gurparkash Singh Sandhu
M.B.B.S., M.D., (Medicine)
REG. No.: 42438 (PMC)
CONSULTANT PHYSICIAN
SHREE RAGHUNATH HOSPITAL
AGGAR NAGAR, FEROZEPUR ROAD,
LUDHIANA-141012 (PB.) INDIA

SHREE RAGHUNATH HOSPITAL

Aggar Nagar, Ferozepur Rd., Ludhiana Ph. : 4615101, 2460162, 2460163

Dr. R.K. Bansal

Lab. Director
M.Sc. Hons (Biochemistry) MD (A.M.)

Dr. Ameena Gupta

M.D. Pathology



| | | | |
|-----------------------|------------------|------------------------------|----------------------------|
| Name : | Mr. ARMAN | Billing Date : | 13/12/2024 13:03:20 |
| Age : | 24 Yrs | Sample Collected on : | 13/12/2024 13:04:03 |
| Gender : | Male | Sample Received on : | 13/12/2024 13:04:06 |
| Accession No : | 112412775 | Report Released on : | 13/12/2024 14:16:56 |
| Referred By : | SELF | Ref by Lab : | |
| Sample Type : | SERUM | Hospital : | BECL-RAGUNATH |

Report Status - Preliminary Report

| Test Name | Value | Unit | Biological Ref Interval |
|------------------|--------------|-------------|--------------------------------|
|------------------|--------------|-------------|--------------------------------|

SEROLOGY

**Hepatitis 'B' Surface Antigen
(Rapid card)**

Non-Reactive

Non-Reactive

Method: Immuno Chromatography / Manual

COMMENT:-

This is only a screening test. All reactive samples should be confirmed by supplemental assays (e.g. HbsAg ELISA, HBV-DNA). For a definite diagnosis, the patients clinical history, Symptomatology as well as serological data should be considered.

Method: - "Immuno Chromatography / Manual".



SHREE RAGHUNATH HOSPITAL

Aggar Nagar, Ferozepur Rd., Ludhiana Ph. : 4615101, 2460162, 2460163

Dr. R.K. Bansal

Lab. Director
M.Sc. Hons (Biochemistry) MD (A.M.)

Dr. Ameena Gupta

M.D. Pathology



| | | | |
|---------------------------|-------------|----------------------------|-----------------------|
| Name | : Mr. ARMAN | Billing Date | : 13/12/2024 13:03:20 |
| Age | : 24 Yrs | Sample Collected on | : 13/12/2024 13:04:03 |
| Gender | : Male | Sample Received on | : 13/12/2024 13:04:06 |
| Accession No | : 112412775 | UHID | : |
| Report Released on | | Report Released on | : 13/12/2024 14:16:56 |
| Referred By | : SELF | Ref by Lab | : |
| Sample Type | : SERUM | Hospital | : BECL-RAGUNATH |

Report Status - Preliminary Report

| Test Name | Value | Unit | Biological Ref Interval |
|--|--------------|------|-------------------------|
| HIV I & II, Antibody <small>Method: Rapid Card</small> | Non-Reactive | | Non-Reactive |

COMMENT:-

This is a screening test for the presence of HIV (1 & 2) antibodies in the serum. A non-reactive result indicates either the absence of HIV (1 & 2) in the patient's serum or in the window period of the disease.

A reactive result for HIV 1 & 2 antibodies, a confirmatory test is mandatory. These test may include HIV PCR or western blot for HIV.

Method: - "Immuno-Chromatography / Manual".



SHREE RAGHUNATH HOSPITAL

Aggar Nagar, Ferozepur Rd., Ludhiana Ph. : 4615101, 2460162, 2460163

Dr. R.K. Bansal

Lab. Director
M.Sc. Hons (Biochemistry) MD (A.M.)

Dr. Ameena Gupta

M.D. Pathology



| | | | | |
|-----------------------|------------------|------------------------------|-----------------------------|----------------------------|
| Name : | Mr. ARMAN | Billing Date : | 13/12/2024 13:03:20 | |
| Age : | 24 Yrs | Sample Collected on : | 13/12/2024 13:04:03 | |
| Gender : | Male | Sample Received on : | 13/12/2024 13:04:06 | |
| Accession No : | 112412775 | UHID : | Report Released on : | 13/12/2024 13:55:43 |
| Referred By : | SELF | Ref by Lab : | | |
| Sample Type : | URINE | Hospital : | BECL-RAGUNATH | |

Report Status - Preliminary Report

| Test Name | Value | Unit | Biological Ref Interval |
|---|-------------|------|-------------------------|
| URINE ROUTINE EXAMINATION | | | |
| Physical Examination | | | |
| Colour <small>Method: Visual method</small> | Pale Yellow | | Pale Yellow |
| Volume <small>Method: Visual method</small> | 20 | mL | |
| Transparency(Appearance) | Clear | | |
| Chemical Examination | | | |
| Reaction <small>Method: Litmus Test</small> | Acidic | | Acidic |
| Protein (Strip Method) <small>Method: Error of indicators</small> | Nil | | Nil |
| Glucose (Strip Method) <small>Method: Enzymatic Reaction</small> | Nil | | Nil |
| Microscopy Examination | | | |
| Pus Cells | 2-3 | /HPF | 0 - 2 |
| Epithelial Cells | Nil | /HPF | 0 - 2 |
| RBC's | NIL | /HPF | 0 - 2 |
| Casts | Nil | | |
| Crystals | Nil | | |
| Bacteria | Absent | | Absent |
| Other | Nil | | |

*** End of Report ***

Dr. R.K. Bansal
M.Sc. MD(A.M)



Dr. Uma Arora
Ph.D Biochemistry (P.G.I. Chd.)

Dr. Ameena Parhawk
M.D. Pathology

Page No: 3 of 3



Alpana

13.12.2024 13:28:15
SHREE RAGHUNATH HOSPITAL
LUDHIANA

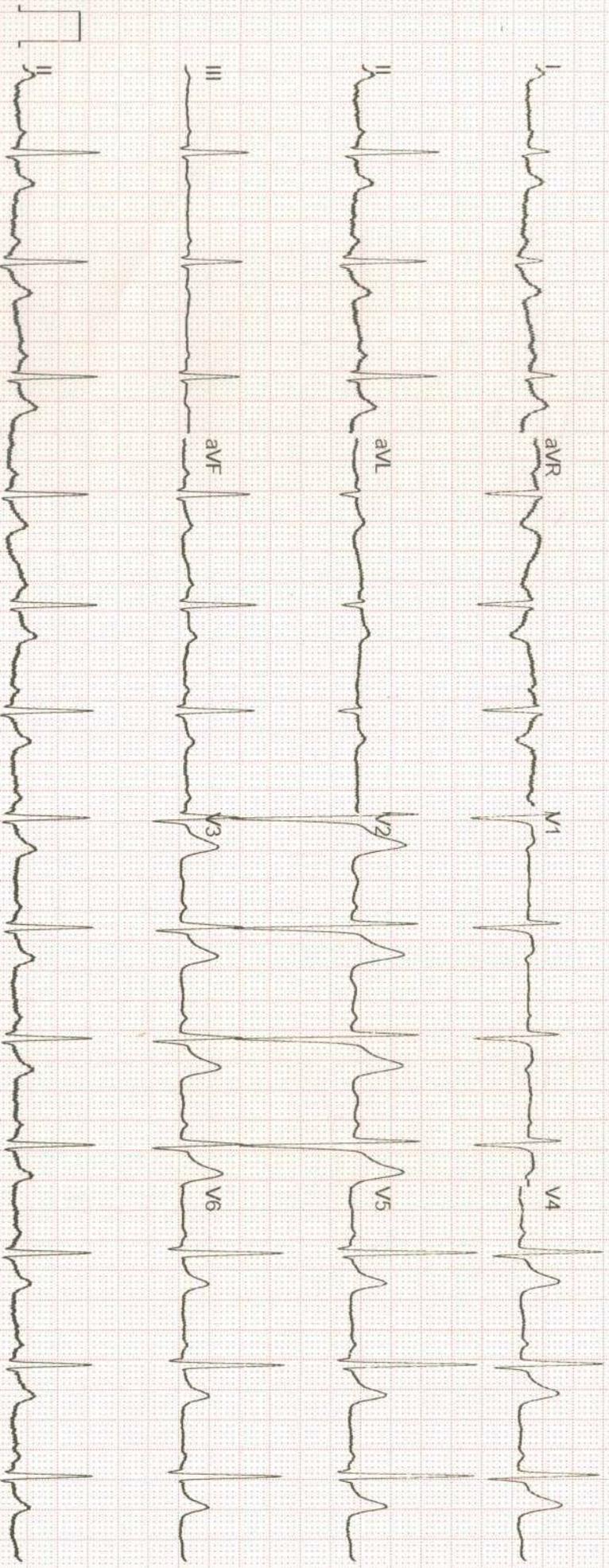
Location: Room:
Order Number:
Indication:
Medication 1:
Medication 2:
Medication 3:

Technician:
Ordering Ph:
Referring Ph:
Attending Ph:

LOT D800
81 bpm
- / - mmHg

QRS : 82 ms
QT / QTcBaz : 320 / 371 ms
PR : 136 ms
P : 40 ms
RR / PP : 736 / 740 ms
P / QRS / T : 86 / 80 / 31 degrees

Normal sinus rhythm
Moderate voltage criteria for LVH, may be normal variant
Borderline ECG

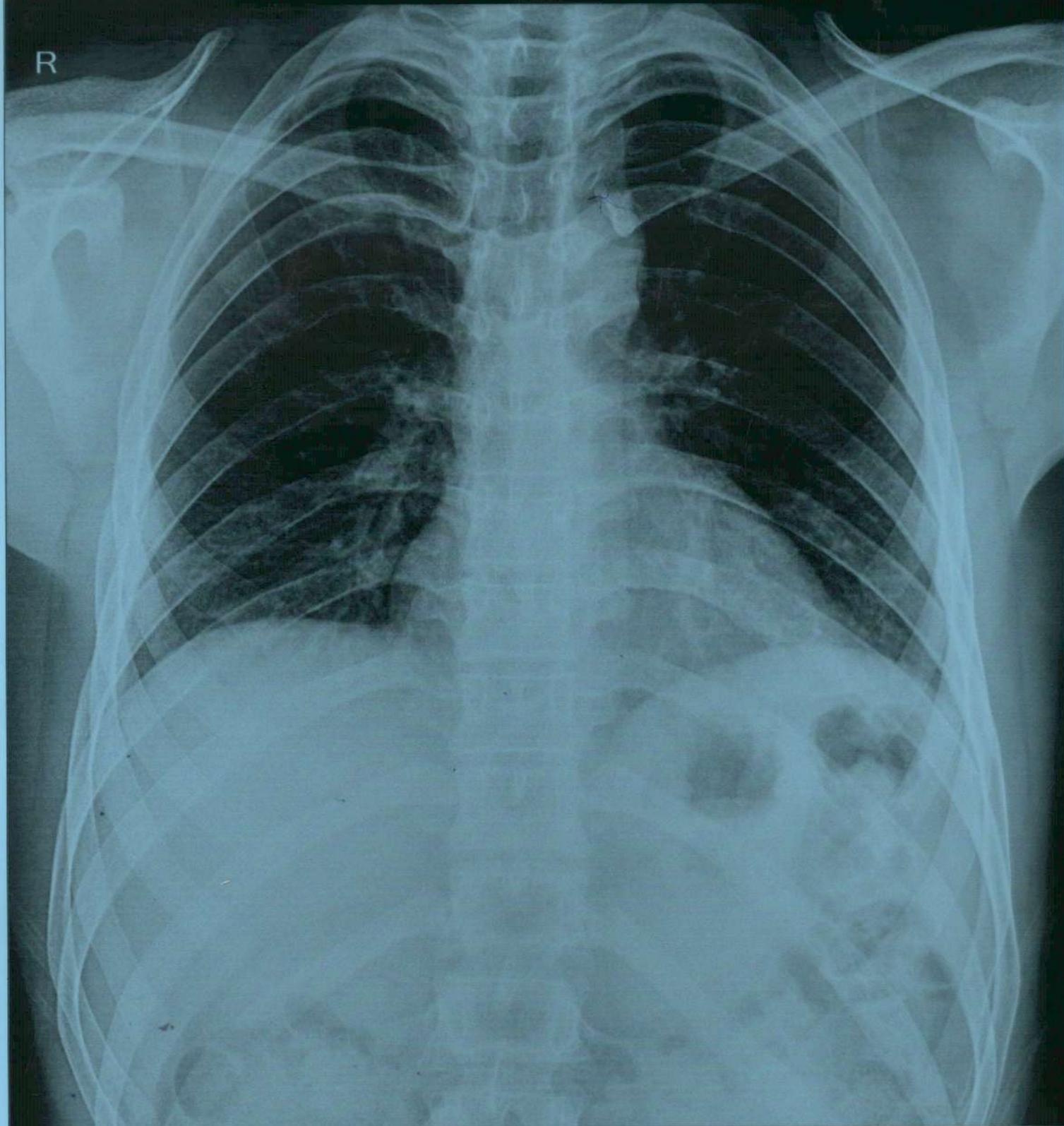


Unconfirmed

Chest PA

13-Dec-2024

R



ARMAN, M, 20 years

SHREE RAGHUNATH HOSPITAL AGGARNAGAR LUDHIANA



SHREE RAGHUNATH HOSPITAL

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AGGAR NAGAR, FEROZEPUR ROAD, LUDHIANA-141 012.



श्री रघुनाथ हस्पताल

Ref. No. _____

6103

Dated 16/12/24

To whom it may concern

It is to inform you that pt's name -

Chandeshwar Rai Age. 35Y/M who is clinically
fit to join his duties


Dr. Gurparkash Singh Sandhu
M.B.B.S., M.D. (Medicine)
REG. No.: 42438 (PMC)
CONSULTANT PHYSICIAN
SHREE RAGHUNATH HOSPITAL
AGGAR NAGAR, FEROZEPUR ROAD,
LUDHIANA-141012 (PB.) INDIA

SHREE RAGHUNATH HOSPITAL

Aggar Nagar, Ferozepur Rd., Ludhiana Ph. : 4615101, 2460162, 2460163

Dr. R.K. Bansal

Lab. Director
M.Sc. Hons (Biochemistry) MD (A.M.)

Dr. Ameena Gupta

M.D. Pathology



| | | | |
|---------------------|-----------------------|----------------------------|-----------------------|
| Name | : Mr. CHANDESHWAR RAI | Billing Date | : 13/12/2024 13:10:41 |
| Age | : 37 Yrs | Sample Collected on | : 13/12/2024 13:11:16 |
| Gender | : Male | Sample Received on | : 13/12/2024 13:11:17 |
| Accession No | : 112412780 | UHID | : |
| Referred By | : SELF | Report Released on | : 13/12/2024 14:19:33 |
| Sample Type | : SERUM | Ref by Lab | : |
| | | Hospital | : BECL-RAGUNATH |

Report Status - Preliminary Report

| Test Name | Value | Unit | Biological Ref Interval |
|-----------|-------|------|-------------------------|
|-----------|-------|------|-------------------------|

SEROLOGY

**Hepatitis 'B' Surface Antigen
(Rapid card)**

Method: Immuno Chromatography / Manual

Non-Reactive

Non-Reactive

COMMENT:-

This is only a screening test. All reactive samples should be confirmed by supplemental assays (e.g. HbsAg ELISA, HBV-DNA). For a definite diagnosis, the patients clinical history, Symptomatology as well as serological data should be considered.

Method: - "Immuno Chromatography / Manual".



Page No: 1 of 3



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Lab. Director
M.Sc. Hons (Biochemistry) MD (A.M.)

Dr. Ameena Gupta

M.D. Pathology



| | | | |
|---------------------------|-----------------------|----------------------------|-----------------------|
| Name | : Mr. CHANDESHWAR RAI | Billing Date | : 13/12/2024 13:10:41 |
| Age | : 37 Yrs | Sample Collected on | : 13/12/2024 13:11:16 |
| Gender | : Male | Sample Received on | : 13/12/2024 13:11:17 |
| Accession No | : 112412780 | UHID | : |
| Report Released on | | Report Released on | : 13/12/2024 14:19:33 |
| Referred By | : SELF | Ref by Lab | : |
| Sample Type | : SERUM | Hospital | : BECL-RAGUNATH |

Report Status - Preliminary Report

| Test Name | Value | Unit | Biological Ref Interval |
|--|--------------|------|-------------------------|
| HIV I & II, Antibody <small>Method: Rapid Card</small> | Non-Reactive | | Non-Reactive |

COMMENT:-

This is a screening test for the presence of HIV (1 & 2) antibodies in the serum. A non-reactive result indicates either the absence of HIV (1 & 2) in the patient's serum or in the window period of the disease.

A reactive result for HIV 1 & 2 antibodies, a confirmatory test is mandatory. These test may include HIV PCR or western blot for HIV.

Method: - "Immuno-Chromatography / Manual".



Page No: 2 of 3



SHREE RAGHUNATH HOSPITAL

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Dr. R.K. Bansal

Lab. Director
M.Sc. Hons (Biochemistry) MD (A.M.)

Dr. Ameena Gupta

M.D. Pathology



| | | | | |
|--------------|-----------------------|---------------------|-----------------------|-----------------------|
| Name | : Mr. CHANDESHWAR RAI | Billing Date | : 13/12/2024 13:10:41 | |
| Age | : 37 Yrs | Sample Collected on | : 13/12/2024 13:11:16 | |
| Gender | : Male | Sample Received on | : 13/12/2024 13:11:17 | |
| Accession No | : 112412780 | UHID : | Report Released on | : 13/12/2024 13:58:45 |
| Referred By | : SELF | Ref by Lab | : | |
| Sample Type | : URINE | Hospital | : | BECL-RAGUNATH |

Report Status - Preliminary Report

| Test Name | Value | Unit | Biological Ref Interval |
|--|-------------|------|-------------------------|
| URINE ROUTINE EXAMINATION | | | |
| Physical Examination | | | |
| Colour <small>Method: Visual method</small> | Pale Yellow | | Pale Yellow |
| Volume <small>Method: Visual method</small> | 20 | mL | |
| Transparency(Appearance) | Clear | | |
| Chemical Examination | | | |
| Reaction <small>Method: Litmus Test</small> | Acidic | | Acidic |
| Protein (Strip Method) <small>Method: Error of indicators</small> | Nil | | Nil |
| Glucose (Strip Method) <small>Method: Enzymatic Reaction</small> | Nil | | Nil |
| Microscopy Examination | | | |
| Pus Cells | 1-2 | /HPF | 0 - 2 |
| Epithelial Cells | Nil | /HPF | 0 - 2 |
| RBC's | Nil | /HPF | 0 - 2 |
| Casts | Nil | | |
| Crystals | Nil | | |
| Bacteria | Absent | | Absent |
| Other | Nil | | |

*** End of Report ***

Dr. R.K. Bansal
M.Sc. MD(A.M)



Dr. Uma Arora
Ph.D Biochemistry (P.G.I. Chd.)

Dr. Ameena Parhawk
M.D. Pathology

Page No: 3 of 3





SHREE RAGHUNATH HOSPITAL

AGGAR NAGAR, FEROZEPUR ROAD, LUDHIANA-141012.

Ph.: 0161-2465323, 2460162, 2460163



Sr. No.

PRESCRIPTION FOR GLASSES

Name Chanderkumar

Age

Unit No.

Date 13/12/24



| | O.D. | | | | O.S. | | | |
|--------|------|-------|------|-----|------|-------|------|-----|
| | Sph | Cyl | Axis | VA | Sph | Cyl | Axis | VA |
| Distt. | - | -0.75 | 20° | 6/6 | - | -0.75 | 110° | 6/6 |
| Near | +1.0 | | | | +1.0 | | | |

Remarks

[Signature]
Signed

N.B.: Please bring this prescription and the glasses for check up on your next visit.

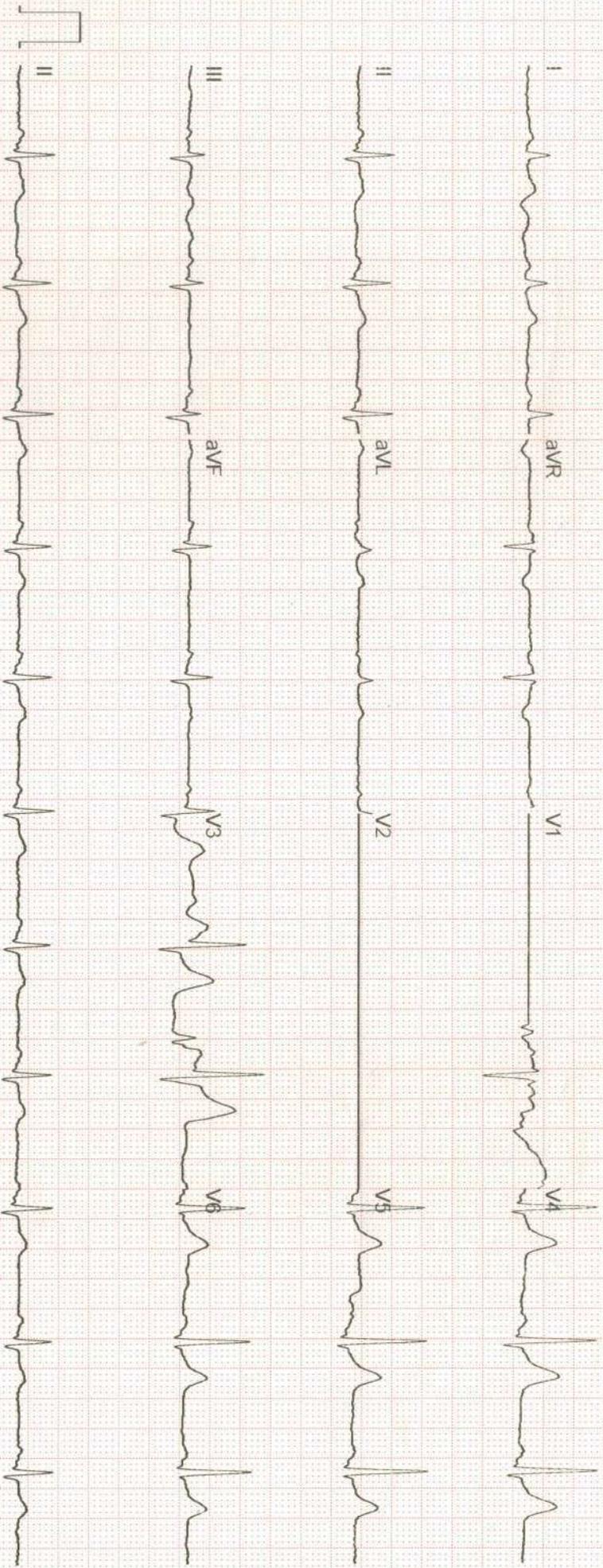
Manish Kumar

Order Number:
Indication:
Medication 1:
Medication 2:
Medication 3:

Technician:
Ordering Ph:
Referring Ph:
Attending Ph:

QRS: 82 ms
QT/QTc/Baz: 380 / 404 ms
PR: 132 ms
P: 92 ms
RR/PP: 878 / 882 ms
P/QRS/T: 36 / 47 / 42 degrees

*** Poor data quality, interpretation may be adversely affected
Normal sinus rhythm
Normal ECG

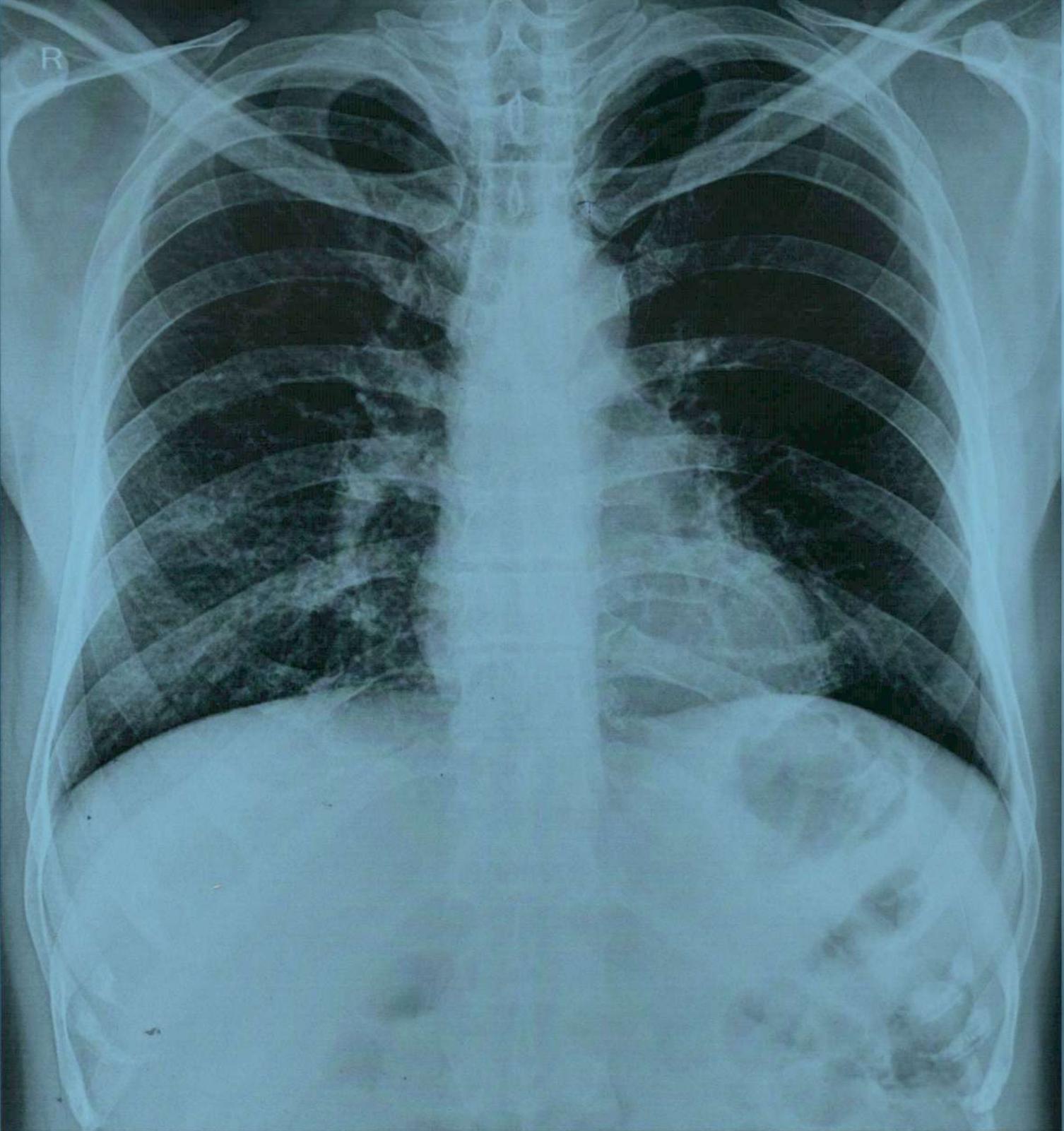


GE MAC2000 1.1 12SL™ V241 25 mm/s 10 mm/mV ADS 0.56-20 Hz 50 Hz 4x2.5x3_25_R1 1/1

Unconfirmed

Chest PA

13-Dec-2024



CHANDESHWAR RAI, M, 35 years

SHREE RAGHUNATH HOSPITAL AGGARNAGAR LUDHIANA



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श्री रघुनाथ हस्पताल

AGGAR NAGAR, FEROZEPUR ROAD, LUDHIANA-141 012.

6106

Ref. No. _____

Dated 16/12/24

To whom it may concern

It is to inform you that Mr Harish

Age - 24y/m who is clinically fit to join
his duties

Dr. Gurparkash Singh Sandhu
M.B.B.S., M.D. (Medicine)
REG. No.: 42436 (M.C.)
CONSULTANT PHYSICIAN
SHREE RAGHUNATH HOSPITAL
AGGAR NAGAR, FEROZEPUR ROAD,
LUDHIANA-141012 (PB.) INDIA

SHREE RAGHUNATH HOSPITAL

Aggar Nagar, Ferozepur Rd., Ludhiana Ph. : 4615101, 2460162, 2460163

Dr. R.K. Bansal

Lab. Director
M.Sc. Hons (Biochemistry) MD (A.M.)

Dr. Ameena Gupta

M.D. Pathology



| | | | | |
|-----------------------|------------------------|------------------------------|-----------------------------|----------------------------|
| Name : | Mr. M. D HARISH | Billing Date : | 13/12/2024 13:04:45 | |
| Age : | 24 Yrs | Sample Collected on : | 13/12/2024 13:05:16 | |
| Gender : | Male | Sample Received on : | 13/12/2024 13:05:19 | |
| Accession No : | 112412776 | UHID : | Report Released on : | 13/12/2024 14:17:15 |
| Referred By : | SELF | Ref by Lab : | | |
| Sample Type : | SERUM | Hospital : | BECL-RAGUNATH | |

Report Status - Preliminary Report

| Test Name | Value | Unit | Biological Ref Interval |
|-----------|-------|------|-------------------------|
|-----------|-------|------|-------------------------|

SEROLOGY

**Hepatitis 'B' Surface Antigen
(Rapid card)**

Method: Immuno Chromatography / Manual

Non-Reactive

Non-Reactive

COMMENT:-

This is only a screening test. All reactive samples should be confirmed by supplemental assays (e.g. HbsAg ELISA, HBV-DNA). For a definite diagnosis, the patients clinical history, Symptomatology as well as serological data should be considered.

Method: - "Immuno Chromatography / Manual".



Page No: 1 of 3



SHREE RAGHUNATH HOSPITAL

Aggar Nagar, Ferozepur Rd., Ludhiana Ph. : 4615101, 2460162, 2460163

Dr. R.K. Bansal

Lab. Director
M.Sc. Hons (Biochemistry) MD (A.M.)

Dr. Ameena Gupta

M.D. Pathology



| | | | |
|-----------------------|------------------------|------------------------------|--|
| Name : | Mr. M. D HARISH | Billing Date : | 13/12/2024 13:04:45 |
| Age : | 24 Yrs | Sample Collected on : | 13/12/2024 13:05:16 |
| Gender : | Male | Sample Received on : | 13/12/2024 13:05:19 |
| Accession No : | 112412776 | UHID : | Report Released on : 13/12/2024 14:17:15 |
| Referred By : | SELF | Ref by Lab : | |
| Sample Type : | SERUM | Hospital : | BECL-RAGUNATH |

Report Status - Preliminary Report

| Test Name | Value | Unit | Biological Ref Interval |
|--|--------------|------|-------------------------|
| HIV I & II, Antibody <small>Method: Rapid Card</small> | Non-Reactive | | Non-Reactive |

COMMENT:-

This is a screening test for the presence of HIV (1 & 2) antibodies in the serum. A non-reactive result indicates either the absence of HIV (1 & 2) in the patient's serum or in the window period of the disease.

A reactive result for HIV 1 & 2 antibodies, a confirmatory test is mandatory. These test may include HIV PCR or western blot for HIV.

Method: - "Immuno-Chromatography / Manual".



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Aggar Nagar, Ferozepur Rd., Ludhiana Ph. : 4615101, 2460162, 2460163

Dr. R.K. Bansal

Lab. Director
M.Sc. Hons (Biochemistry) MD (A.M.)

Dr. Ameena Gupta

M.D. Pathology



| | | | | |
|--------------|-------------------|---------------------|-----------------------|-----------------------|
| Name | : Mr. M. D HARISH | Billing Date | : 13/12/2024 13:04:45 | |
| Age | : 24 Yrs | Sample Collected on | : 13/12/2024 13:05:16 | |
| Gender | : Male | Sample Received on | : 13/12/2024 13:05:19 | |
| Accession No | : 112412776 | UHID : | Report Released on | : 13/12/2024 13:56:22 |
| Referred By | : SELF | Ref by Lab | : | |
| Sample Type | : URINE | Hospital | : | BECL-RAGUNATH |

Report Status - Preliminary Report

| Test Name | Value | Unit | Biological Ref Interval |
|--|-------------|------|-------------------------|
| URINE ROUTINE EXAMINATION | | | |
| Physical Examination | | | |
| Colour <small>Method: Visual method</small> | Pale Yellow | | Pale Yellow |
| Volume <small>Method: Visual method</small> | 20 | mL | |
| Transparency(Appearance) | Clear | | |
| Chemical Examination | | | |
| Reaction <small>Method: Litmus Test</small> | Acidic | | Acidic |
| Protein (Strip Method) <small>Method: Error of indicators</small> | Nil | | Nil |
| Glucose (Strip Method) <small>Method: Enzymatic Reaction</small> | Nil | | Nil |
| Microscopy Examination | | | |
| Pus Cells | 1-2 | /HPF | 0 - 2 |
| Epithelial Cells | Nil | /HPF | 0 - 2 |
| RBC's | NIL | /HPF | 0 - 2 |
| Casts | Nil | | |
| Crystals | Nil | | |
| Bacteria | Absent | | Absent |
| Other | Nil | | |

*** End of Report ***

Dr. R.K. Bansal
M.Sc. MD(A.M)

Dr. Uma Arora
Ph.D Biochemistry (P.G.I. Chd.)

Dr. Ameena Parhawk
M.D. Pathology



Page No: 3 of 3



MD Harish

GE Healthcare

REF 10197281

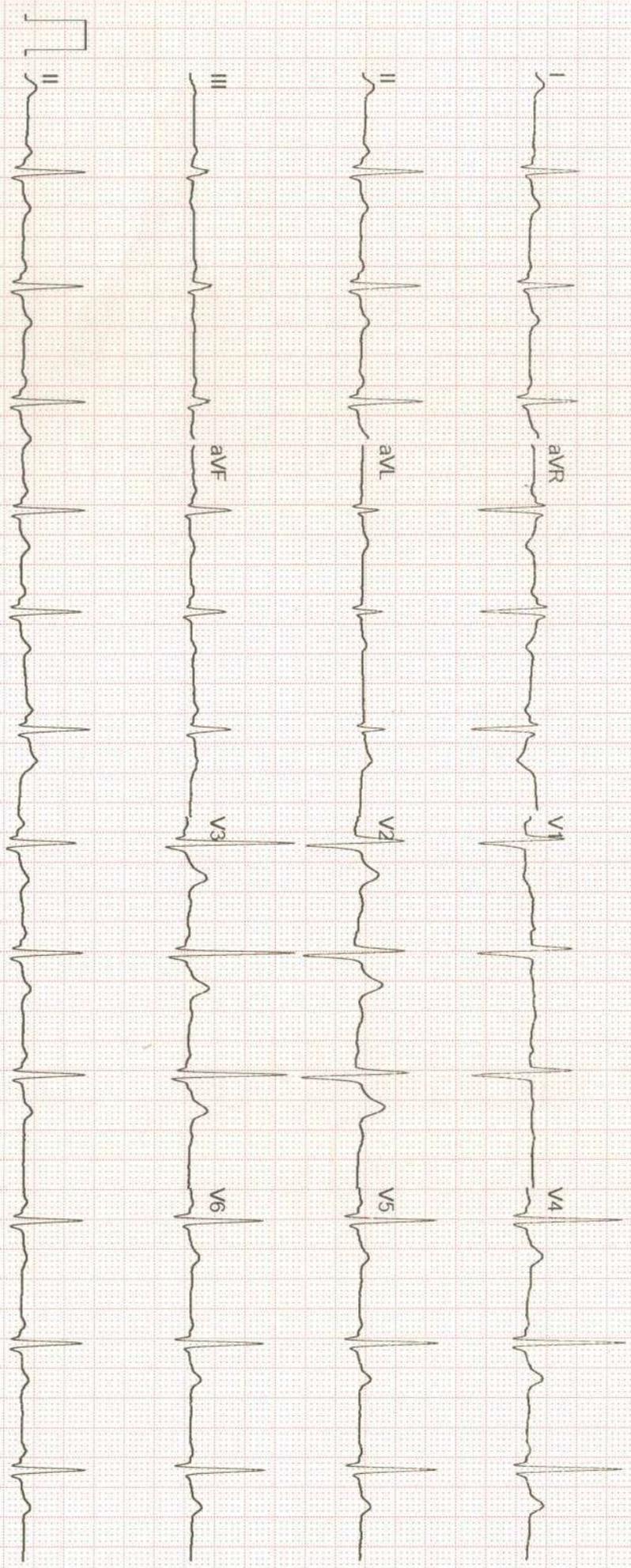
13.12.2024 13:52:03
SHREE RAGHUNATH HOSPITAL
LUDHIANA

Location:
Room:
Order Number:
Indication:
Medication 1:
Medication 2:
Medication 3:

Technician:
Ordering Ph:
Referring Ph:
Attending Ph:

QRS : 102 ms
QT / QTcBaz : 378 / 425 ms
PR : 132 ms
P : 100 ms
RR / PP : 792 / 789 ms
P / QRS / T : 67 / 47 / 30 degrees

Normal sinus rhythm with sinus arrhythmia
Possible lateral infarct, age undetermined
Abnormal ECG



GE MAC2000 1.1 12SL™ V241 25 mm/s 10 mm/mV ADS 0.56-20 Hz 50 Hz 4x2.5x3_25_R1 1/1

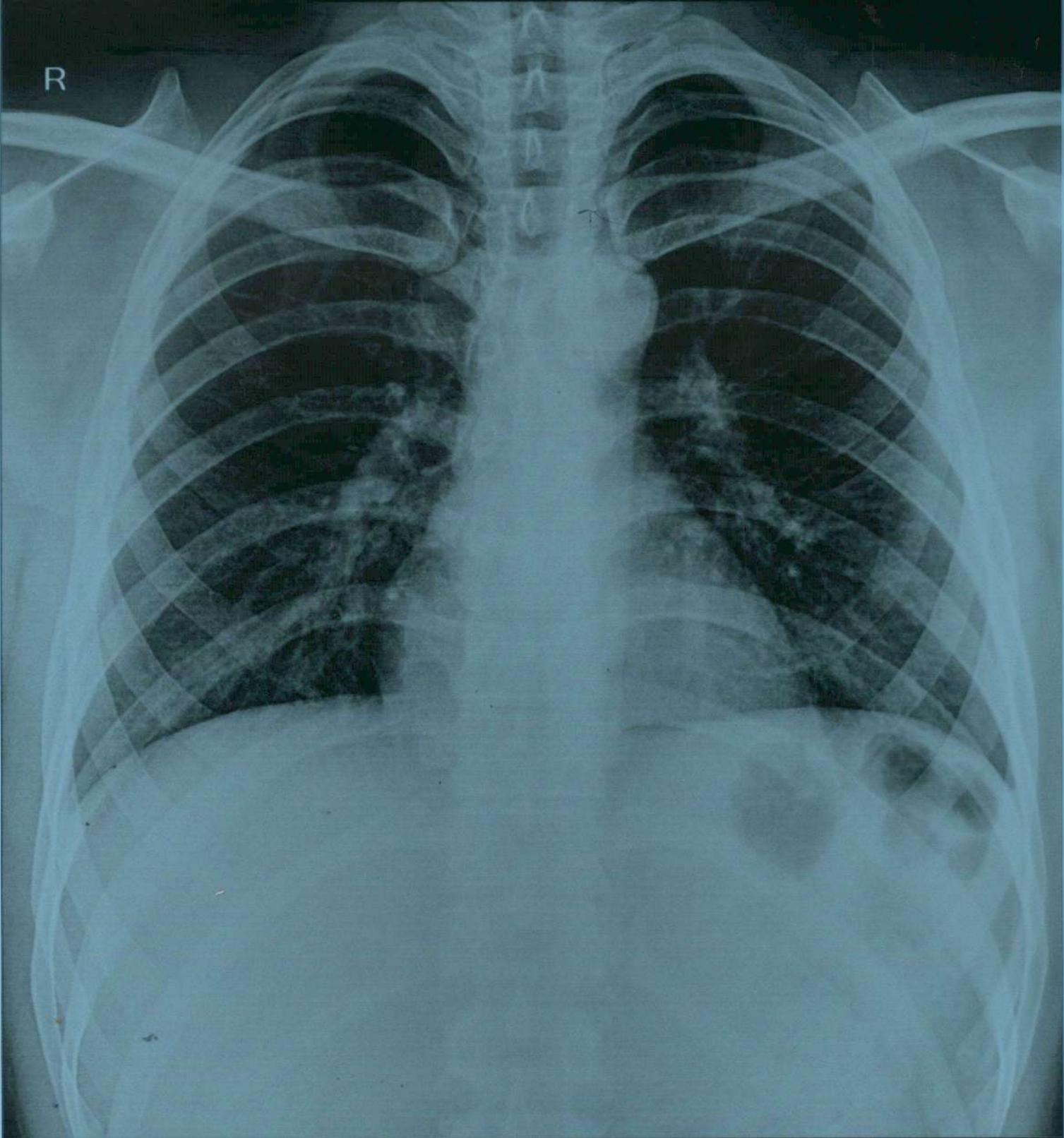
Unconfirmed

76 bpm
--/-- mmHg

Chest PA

13-Dec-2024

R



MD HARISH, M, 24 years

SHREE RAGHUNATH HOSPITAL AGGARNAGAR LUDHIANA



SHREE RAGHUNATH HOSPITAL

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Order No. C.I.T.-III/LDH./JB/80-G/315/10-11/5113 Dt. 24-03-2011



श्री रघुनाथ हस्पताल

AGGAR NAGAR, FEROZEPUR ROAD, LUDHIANA-141 012.

6104

Ref. No. _____

.....

Dated 16/12/24

To whom it may concern

It is to inform you that Pardeep
Kumar Age- 29Y/M. is clinically fit to join
his duties


Dr. Gurparkash Singh Sandhu
M.B.B.S., M.D. (Medicine)
REG. No.: 42438 (F.M.C.)
CONSULTANT PHYSICIAN
SHREE RAGHUNATH HOSPITAL
AGGAR NAGAR, FEROZEPUR ROAD,
LUDHIANA-141012 (PB.) INDIA

SHREE RAGHUNATH HOSPITAL

Aggar Nagar, Ferozepur Rd., Ludhiana Ph. : 4615101, 2460162, 2460163

Dr. R.K. Bansal

Lab. Director
M.Sc. Hons (Biochemistry) MD (A.M.)

Dr. Ameena Gupta

M.D. Pathology



| | | | |
|---------------------|---------------------|----------------------------|-----------------------|
| Name | : Mr. PARDEEP KUMAR | Billing Date | : 13/12/2024 13:09:14 |
| Age | : 29 Yrs | Sample Collected on | : 13/12/2024 13:09:59 |
| Gender | : Male | Sample Received on | : 13/12/2024 13:10:00 |
| Accession No | : 112412779 | UHID | : |
| Reported By | : SELF | Report Released on | : 13/12/2024 14:19:01 |
| Sample Type | : SERUM | Ref by Lab | : |
| | | Hospital | : BECL-RAGUNATH |

Report Status - Preliminary Report

| Test Name | Value | Unit | Biological Ref Interval |
|-----------|-------|------|-------------------------|
|-----------|-------|------|-------------------------|

SEROLOGY

**Hepatitis 'B' Surface Antigen
(Rapid card)**

Method: Immuno Chromatography / Manual

Non-Reactive

Non-Reactive

COMMENT:-

This is only a screening test. All reactive samples should be confirmed by supplemental assays (e.g. HbsAg ELISA, HBV-DNA). For a definite diagnosis, the patients clinical history, Symptomatology as well as serological data should be considered.

Method: - "Immuno Chromatography / Manual".



Page No: 1 of 3



SHREE RAGHUNATH HOSPITAL

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Dr. R.K. Bansal

Lab. Director
M.Sc. Hons (Biochemistry) MD (A.M.)

Dr. Ameena Gupta

M.D. Pathology



| | | | |
|---------------------------|---------------------|----------------------------|-----------------------|
| Name | : Mr. PARDEEP KUMAR | Billing Date | : 13/12/2024 13:09:14 |
| Age | : 29 Yrs | Sample Collected on | : 13/12/2024 13:09:59 |
| Gender | : Male | Sample Received on | : 13/12/2024 13:10:00 |
| Accession No | : 112412779 | UHID | : |
| Report Released on | : | Report Released on | : 13/12/2024 14:19:01 |
| Referred By | : SELF | Ref by Lab | : |
| Sample Type | : SERUM | Hospital | : BECL-RAGUNATH |

Report Status - Preliminary Report

| Test Name | Value | Unit | Biological Ref Interval |
|--|--------------|------|-------------------------|
| HIV I & II, Antibody <small>Method: Rapid Card</small> | Non-Reactive | | Non-Reactive |

COMMENT:-

This is a screening test for the presence of HIV (1 & 2) antibodies in the serum. A non-reactive result indicates either the absence of HIV (1 & 2) in the patient's serum or in the window period of the disease.

A reactive result for HIV 1 & 2 antibodies, a confirmatory test is mandatory. These test may include HIV PCR or western blot for HIV.

Method: - "Immuno-Chromatography / Manual".



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Dr. R.K. Bansal

Lab. Director
M.Sc. Hons (Biochemistry) MD (A.M.)

Dr. Ameena Gupta

M.D. Pathology



| | | | |
|---------------------|---------------------|----------------------------|-----------------------|
| Name | : Mr. PARDEEP KUMAR | Billing Date | : 13/12/2024 13:09:14 |
| Age | : 29 Yrs | Sample Collected on | : 13/12/2024 13:09:59 |
| Gender | : Male | Sample Received on | : 13/12/2024 13:10:00 |
| Accession No | : 112412779 | UHID | : |
| Referred By | : SELF | Report Released on | : 13/12/2024 13:58:13 |
| Sample Type | : URINE | Ref by Lab | : |
| | | Hospital | : BECL-RAGUNATH |

Report Status - Preliminary Report

| Test Name | Value | Unit | Biological Ref Interval |
|---|-------------|------|-------------------------|
| URINE ROUTINE EXAMINATION | | | |
| Physical Examination | | | |
| Colour <small>Method: Visual method</small> | Pale Yellow | | Pale Yellow |
| Volume <small>Method: Visual method</small> | 30 | mL | |
| Transparency(Appearance) | Clear | | |
| Chemical Examination | | | |
| Reaction <small>Method: Litmus Test</small> | Acidic | | Acidic |
| Protein (Strip Method) <small>Method: Error of Indicators</small> | Nil | | Nil |
| Glucose (Strip Method) <small>Method: Enzymatic Reaction</small> | Nil | | Nil |
| Microscopy Examination | | | |
| Pus Cells | oCC | /HPF | 0 - 2 |
| Epithelial Cells | 1-2 | /HPF | 0 - 2 |
| RBC's | NIL | /HPF | 0 - 2 |
| Casts | Nil | | |
| Crystals | Nil | | |
| Bacteria | Absent | | Absent |
| Other | Nil | | |

*** End of Report ***

Dr. R.K. Bansal
M.Sc. MD(A.M)



Dr. Uma Arora
Ph.D Biochemistry (P.G.I. Chd.)

Dr. Ameena Parhawk
M.D. Pathology

Page No: 3 of 3



Location: Room:
Order Number:
Indication:
Medication 1:
Medication 2:
Medication 3:

CE LOT D89974 bpm
-- / -- mmHg

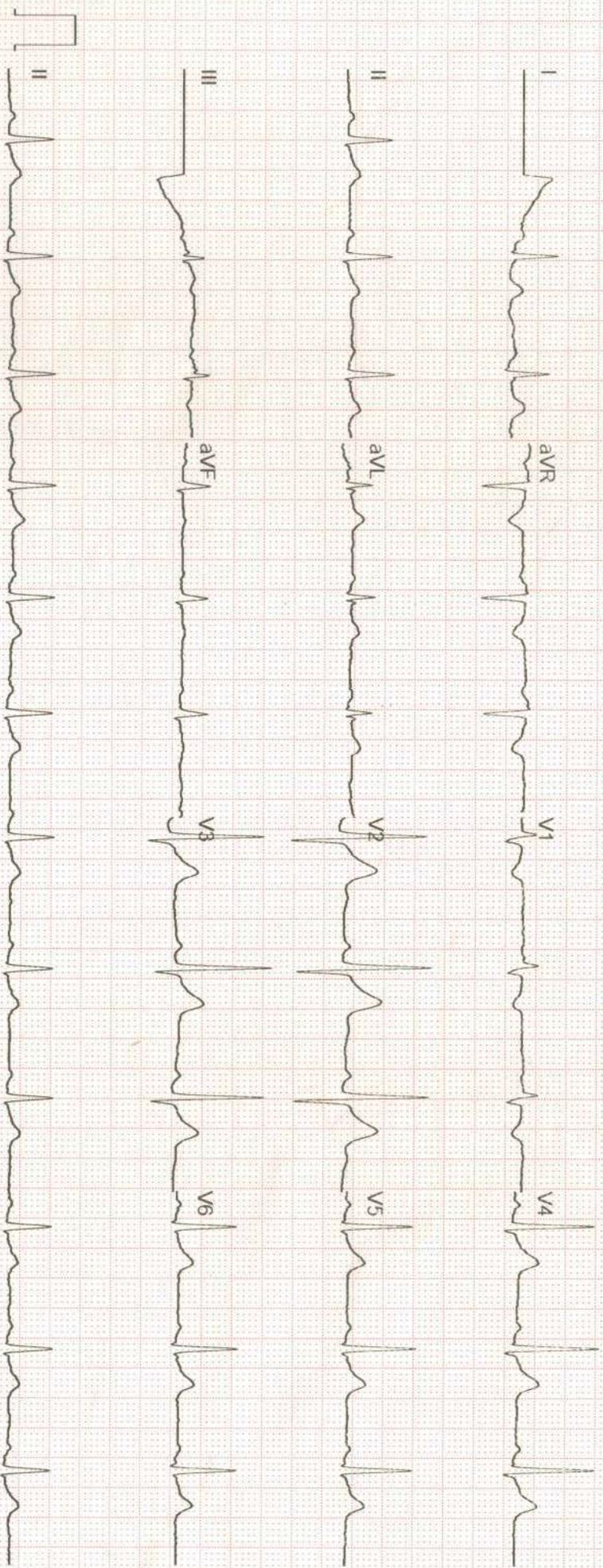
Poojeep Kumerz

QRS : 82 ms
QT / QTcBaz : 370 / 410 ms
PR : 142 ms
P : 94 ms
RR / PP : 810 / 810 ms
P / QRS / T : 177 / 43 / 12 degrees

*** Poor data quality, interpretation may be adversely affected
Normal sinus rhythm
Normal ECG

Technician:
Ordering Ph:
Referring Ph:
Attending Ph:

Poojeep



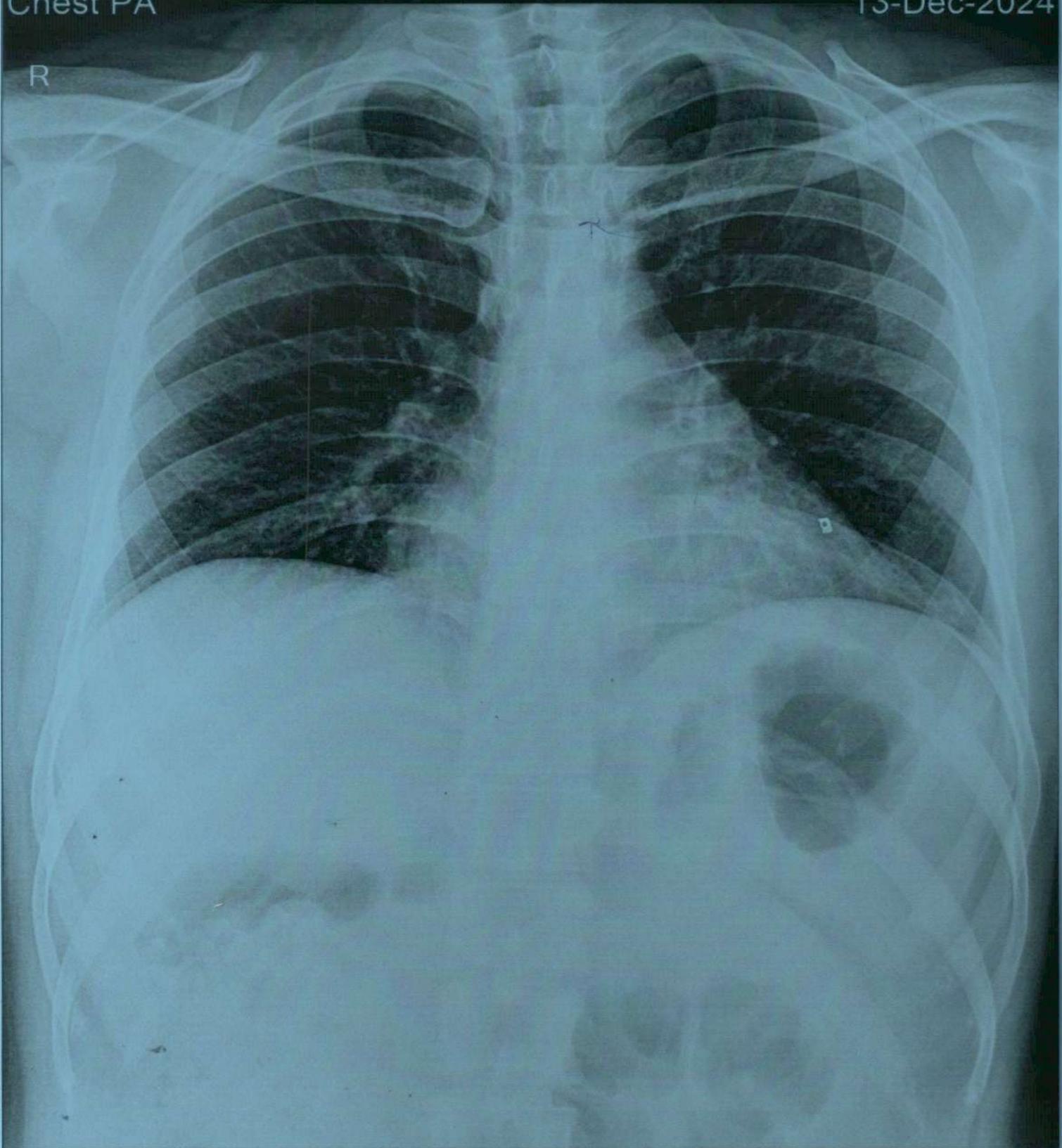
GE MAC2000 1.1 12SL™ V241 25 mm/s 10 mm/mV ADS 0.56-20 Hz 50 Hz 4x2 5x3_25_R1 1/1

Unconfirmed

Chest PA

13-Dec-2024

R



PARDEEP KUMAR, M, 29 years

SHREE RAGHUNATH HOSPITAL AGGARNAGAR LUDHIANA



SHREE RAGHUNATH HOSPITAL

Registered for Exemption U/s 80-G of the Income Tax Act, 1961 Vide C.I.T. Ludhiana
Order No. C.I.T.-III/LDH./JB/80-G/315/10-11/5113 Dt. 24-03-2011



AGGAR NAGAR, FEROZEPUR ROAD, LUDHIANA-141 012.



श्री रघुनाथ हस्पताल

Ref. No. _____

6105

Dated 16/10/24

To whom it may concern

It is to inform you that Sandeep Kumar

Sharma Age- 29Y/M is clinically fit to
perform his duties

Dr. Gurparkash Singh Sandhu
M.B.B.S., M.D., (Medicine)
REG. No: 42488 (PMC)
CONSULTANT PHYSICIAN
SHREE RAGHUNATH HOSPITAL
AGGAR NAGAR, FEROZEPUR ROAD,
LUDHIANA-141012 (PB.) INDIA

SHREE RAGHUNATH HOSPITAL

Aggar Nagar, Ferozepur Rd., Ludhiana Ph. : 4615101, 2460162, 2460163

Dr. R.K. Bansal

Lab. Director
M.Sc. Hons (Biochemistry) MD (A.M.)

Dr. Ameena Gupta

M.D. Pathology



| | | | |
|--------------|----------------------------|---------------------|-----------------------|
| Name | : Mr. SANDEEP KUMAR SHARMA | Billing Date | : 13/12/2024 13:06:45 |
| Age | : 24 Yrs | Sample Collected on | : 13/12/2024 13:07:20 |
| Gender | : Male | Sample Received on | : 13/12/2024 13:07:22 |
| Accession No | : 112412777 UHID : | Report Released on | : 13/12/2024 14:17:46 |
| Referred By | : SELF | Ref by Lab | : |
| Sample Type | : SERUM | Hospital | : BECL-RAGUNATH |

Report Status - Preliminary Report

| Test Name | Value | Unit | Biological Ref Interval |
|-----------|-------|------|-------------------------|
|-----------|-------|------|-------------------------|

SEROLOGY

**Hepatitis 'B' Surface Antigen
(Rapid card)**

Non-Reactive

Non-Reactive

Method: Immuno Chromatography / Manual

COMMENT:-

This is only a screening test. All reactive samples should be confirmed by supplemental assays (e.g. HbsAg ELISA, HBV-DNA). For a definite diagnosis, the patients clinical history. Symptomatology as well as serological data should be considered.

Method: - "Immuno Chromatography / Manual".



Page No: 1 of 3



SHREE RAGHUNATH HOSPITAL

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Dr. R.K. Bansal

Lab. Director
M.Sc. Hons (Biochemistry) MD (A.M.)

Dr. Ameena Gupta

M.D. Pathology



| | | | |
|---------------------|----------------------------|----------------------------|-----------------------|
| Name | : Mr. SANDEEP KUMAR SHARMA | Billing Date | : 13/12/2024 13:06:45 |
| Age | : 24 Yrs | Sample Collected on | : 13/12/2024 13:07:20 |
| Gender | : Male | Sample Received on | : 13/12/2024 13:07:22 |
| Accession No | : 112412777 | UHID | : |
| Referred By | : SELF | Report Released on | : 13/12/2024 14:17:46 |
| Sample Type | : SERUM | Ref by Lab | : |
| | | Hospital | : BECL-RAGUNATH |

Report Status - Preliminary Report

| Test Name | Value | Unit | Biological Ref Interval |
|--|--------------|------|-------------------------|
| HIV I & II, Antibody <small>Method: Rapid Card</small> | Non-Reactive | | Non-Reactive |

COMMENT:-

This is a screening test for the presence of HIV (1 & 2) antibodies in the serum. A non-reactive result indicates either the absence of HIV (1 & 2) in the patient's serum or in the window period of the disease.

A reactive result for HIV 1 & 2 antibodies, a confirmatory test is mandatory. These test may include HIV PCR or western blot for HIV.

Method: - "Immuno-Chromatography / Manual".



Page No: 2 of 3



SHREE RAGHUNATH HOSPITAL

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Dr. R.K. Bansal

Lab. Director
M.Sc. Hons (Biochemistry) MD (A.M.)

Dr. Ameena Gupta

M.D. Pathology



| | | | | |
|--------------|----------------------------|---------------------|-----------------------|-----------------------|
| Name | : Mr. SANDEEP KUMAR SHARMA | Billing Date | : 13/12/2024 13:06:45 | |
| Age | : 24 Yrs | Sample Collected on | : 13/12/2024 13:07:20 | |
| Gender | : Male | Sample Received on | : 13/12/2024 13:07:22 | |
| Accession No | : 112412777 | UHID : | Report Released on | : 13/12/2024 13:57:01 |
| Referred By | : SELF | Ref by Lab | : | |
| Sample Type | : URINE | Hospital | : | BECL-RAGUNATH |

Report Status - Preliminary Report

| Test Name | Value | Unit | Biological Ref Interval |
|---|-------------|------|-------------------------|
| URINE ROUTINE EXAMINATION | | | |
| Physical Examination | | | |
| Colour <small>Method: Visual method</small> | Pale Yellow | | Pale Yellow |
| Volume <small>Method: Visual method</small> | 20 | mL | |
| Transparency(Appearance) | Clear | | |
| Chemical Examination | | | |
| Reaction <small>Method: Litmus Test</small> | Acidic | | Acidic |
| Protein (Strip Method) <small>Method: Error of Indicators</small> | Nil | | Nil |
| Glucose (Strip Method) <small>Method: Enzymatic Reaction</small> | Nil | | Nil |
| Microscopy Examination | | | |
| Pus Cells | Rare | /HPF | 0 - 2 |
| Epithelial Cells | Nil | /HPF | 0 - 2 |
| RBC's | NIL | /HPF | 0 - 2 |
| Casts | Nil | | |
| Crystals | Nil | | |
| Bacteria | Absent | | Absent |
| Other | Nil | | |

*** End of Report ***

Dr. R.K. Bansal
M.Sc. MD(A.M)



Dr. Uma Arora
Ph.D Biochemistry (P.G.I. Chd.)

Dr. Ameena Parhawk
M.D. Pathology

Page No: 3 of 3

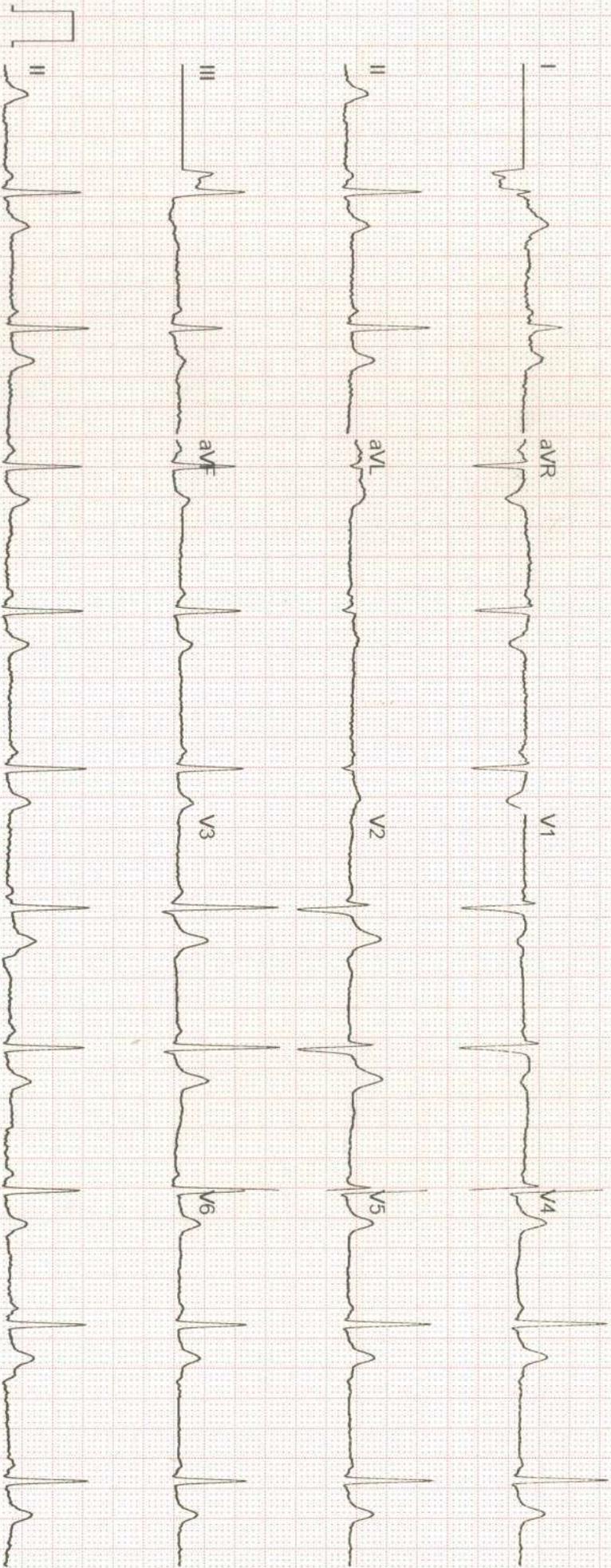


Sandeep Kumar

QRS : 80 ms
QT / QTcBaz : 352 / 360 ms
PR : 110 ms
P : 82 ms
RR / PP : 952 / 952 ms
P / QRS / T : 49 / 73 / 42 degrees

*** Poor data quality, interpretation may be adversely affected
Sinus rhythm with short PR
Otherwise normal ECG

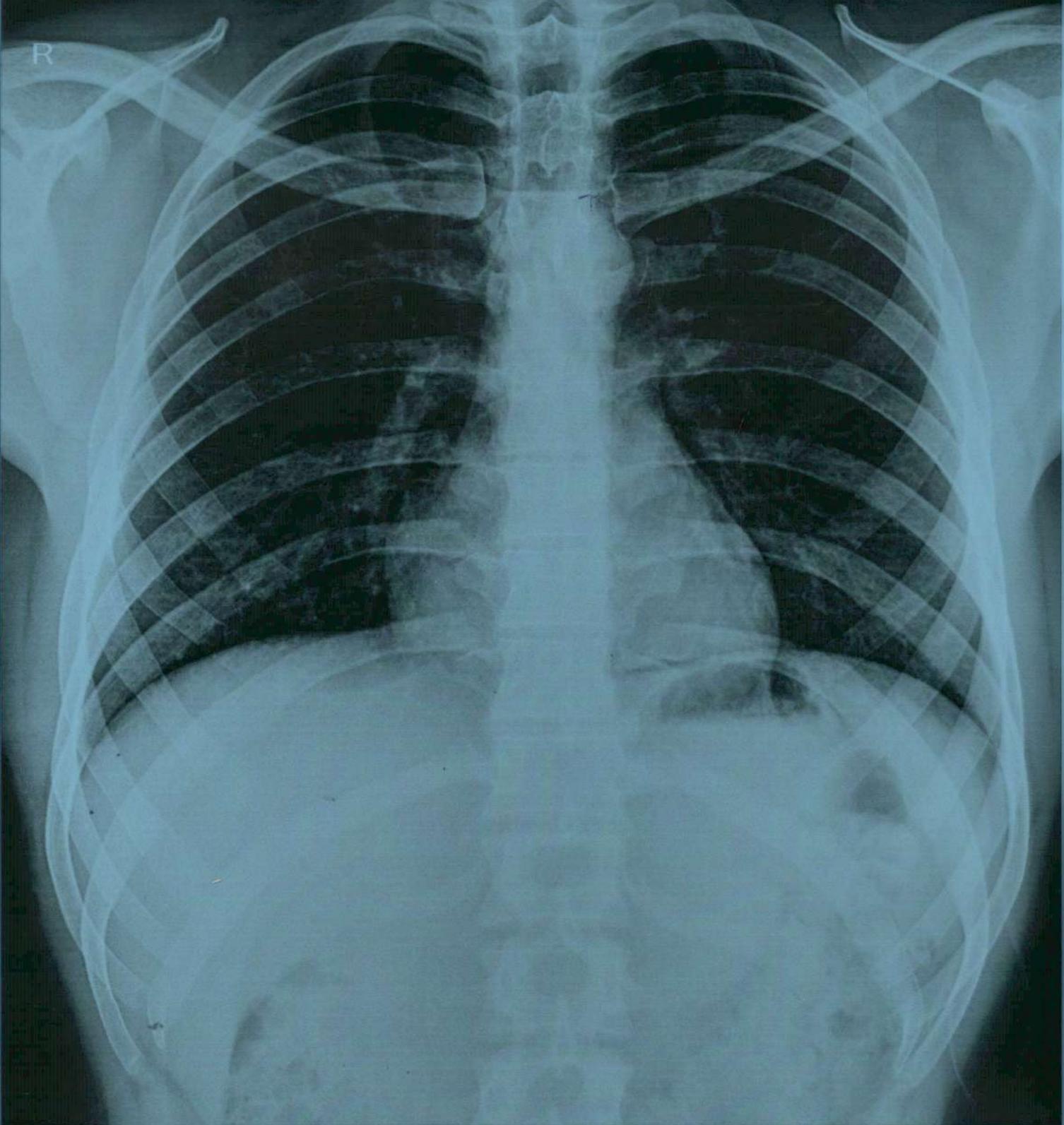
Technician:
Ordering Ph:
Referring Ph:
Attending Ph:



Unconfirmed

Chest PA

13-Dec-2024



SANDEEP KUMAR SHARMA, M, 24 years

SHREE RAGHUNATH HOSPITAL AGGARNAGAR LUDHIANA



SHREE RAGHUNATH HOSPITAL

Registered for Exemption U/s 80-G of the Income Tax Act, 1961 Vide C.I.T. Ludhiana
Order No. C.I.T.-III/LDH./JB/80-G/315/10-11/5113 Dt. 24-03-2011



AGGAR NAGAR, FEROZEPUR ROAD, LUDHIANA-141 012.

6101

Ref. No. _____

Dated 16/12/24

To whom it may concern

It is to inform you that Mr. Santosh Kumar
Age - 27Y/M who is clinically fit to join his
duties.

Dr. Gurparkash Singh Sandhu
M.B.B.S., M.D., (Medicine)
REG. No.: 42438 (PMC)
CONSULTANT PHYSICIAN
SHREE RAGHUNATH HOSPITAL
AGGAR NAGAR, FEROZEPUR ROAD,
LUDHIANA-141012 (PB.) INDIA

SHREE RAGHUNATH HOSPITAL

Aggar Nagar, Ferozpur Rd., Ludhiana Ph. : 4615101, 2460162, 2460163

Dr. R.K. Bansal

Lab. Director
M.Sc. Hons (Biochemistry) MD (A.M.)

Dr. Ameena Gupta

M.D. Pathology



| | | | |
|---------------------|---------------------|----------------------------|-----------------------|
| Name | : Mr. SANTOSH KUMAR | Billing Date | : 13/12/2024 13:07:59 |
| Age | : 27 Yrs | Sample Collected on | : 13/12/2024 13:08:26 |
| Gender | : Male | Sample Received on | : 13/12/2024 13:08:28 |
| Accession No | : 112412778 | UHID | : |
| Reported By | : SELF | Report Released on | : 13/12/2024 14:18:21 |
| Sample Type | : SERUM | Ref by Lab | : |
| | | Hospital | : BECL-RAGUNATH |

Report Status - Preliminary Report

| Test Name | Value | Unit | Biological Ref Interval |
|-----------|-------|------|-------------------------|
|-----------|-------|------|-------------------------|

SEROLOGY

**Hepatitis 'B' Surface Antigen
(Rapid card)**

Method: Immuno Chromatography / Manual

Non-Reactive

Non-Reactive

COMMENT:-

This is only a screening test. All reactive samples should be confirmed by supplemental assays (e.g. HbsAg ELISA, HBV-DNA). For a definite diagnosis, the patients clinical history. Symptomatology as well as serological data should be considered.

Method:- "Immuno Chromatography / Manual".



Page No: 1 of 3



SHREE RAGHUNATH HOSPITAL

Aggar Nagar, Ferozpur Rd., Ludhiana Ph. : 4615101, 2460162, 2460163

Dr. R.K. Bansal

Lab. Director
M.Sc. Hons (Biochemistry) MD (A.M.)

Dr. Ameena Gupta

M.D. Pathology



| | | | |
|---------------------|---------------------|----------------------------|-----------------------|
| Name | : Mr. SANTOSH KUMAR | Billing Date | : 13/12/2024 13:07:59 |
| Age | : 27 Yrs | Sample Collected on | : 13/12/2024 13:08:26 |
| Gender | : Male | Sample Received on | : 13/12/2024 13:08:28 |
| Accession No | : 112412778 | UHID | : |
| Reported By | : SELF | Report Released on | : 13/12/2024 14:18:21 |
| Sample Type | : SERUM | Ref by Lab | : |
| | | Hospital | : BECL-RAGUNATH |

Report Status - Preliminary Report

| Test Name | Value | Unit | Biological Ref Interval |
|--|--------------|------|-------------------------|
| HIV I & II, Antibody <small>Method: Rapid Card</small> | Non-Reactive | | Non-Reactive |

COMMENT:-

This is a screening test for the presence of HIV (1 & 2) antibodies in the serum. A non-reactive result indicates either the absence of HIV (1 & 2) in the patient's serum or in the window period of the disease.

A reactive result for HIV 1 & 2 antibodies, a confirmatory test is mandatory. These test may include HIV PCR or western blot for HIV.

Method: - "Immuno-Chromatography / Manual".



Page No: 2 of 3



SHREE RAGHUNATH HOSPITAL

Aggar Nagar, Ferozepur Rd., Ludhiana Ph. : 4615101, 2460162, 2460163

Dr. R.K. Bansal
Lab. Director
M.Sc. Hons (Biochemistry) MD (A.M.)

Dr. Ameena Gupta
M.D. Pathology



| | | | |
|---------------------|---------------------|----------------------------|-----------------------|
| Name | : Mr. SANTOSH KUMAR | Billing Date | : 13/12/2024 13:07:59 |
| Age | : 27 Yrs | Sample Collected on | : 13/12/2024 13:08:26 |
| Gender | : Male | Sample Received on | : 13/12/2024 13:08:28 |
| Accession No | : 112412778 | UHID | : |
| Referred By | : SELF | Report Released on | : 13/12/2024 13:57:38 |
| Sample Type | : URINE | Ref by Lab | : |
| | | Hospital | : BECL-RAGUNATH |

Report Status - Preliminary Report

| Test Name | Value | Unit | Biological Ref Interval |
|---|-------------|------|-------------------------|
| URINE ROUTINE EXAMINATION | | | |
| Physical Examination | | | |
| Colour <small>Method: Visual method</small> | Pale Yellow | | Pale Yellow |
| Volume <small>Method: Visual method</small> | 40 | mL | |
| Transparency(Appearance) | Clear | | |
| Chemical Examination | | | |
| Reaction <small>Method: Litmus Test</small> | Acidic | | Acidic |
| Protein (Strip Method) <small>Method: Error of indicators</small> | Nil | | Nil |
| Glucose (Strip Method) <small>Method: Enzymatic Reaction</small> | Nil | | Nil |
| Microscopy Examination | | | |
| Pus Cells | 1 - 2 | /HPF | 0 - 2 |
| Epithelial Cells | Nil | /HPF | 0 - 2 |
| RBC's | NIL | /HPF | 0 - 2 |
| Casts | Nil | | |
| Crystals | Nil | | |
| Bacteria | Absent | | Absent |
| Other | Nil | | |

*** End of Report ***

Dr. R.K. Bansal
M.Sc. MD(A.M)



Dr. Uma Arora
Ph.D Biochemistry (P.G.I. Chd.)

Dr. Ameena Parhawk
M.D. Pathology

Page No: 3 of 3



Location:
Room:
Order Number:
Indication:
Medication 1:
Medication 2:
Medication 3:

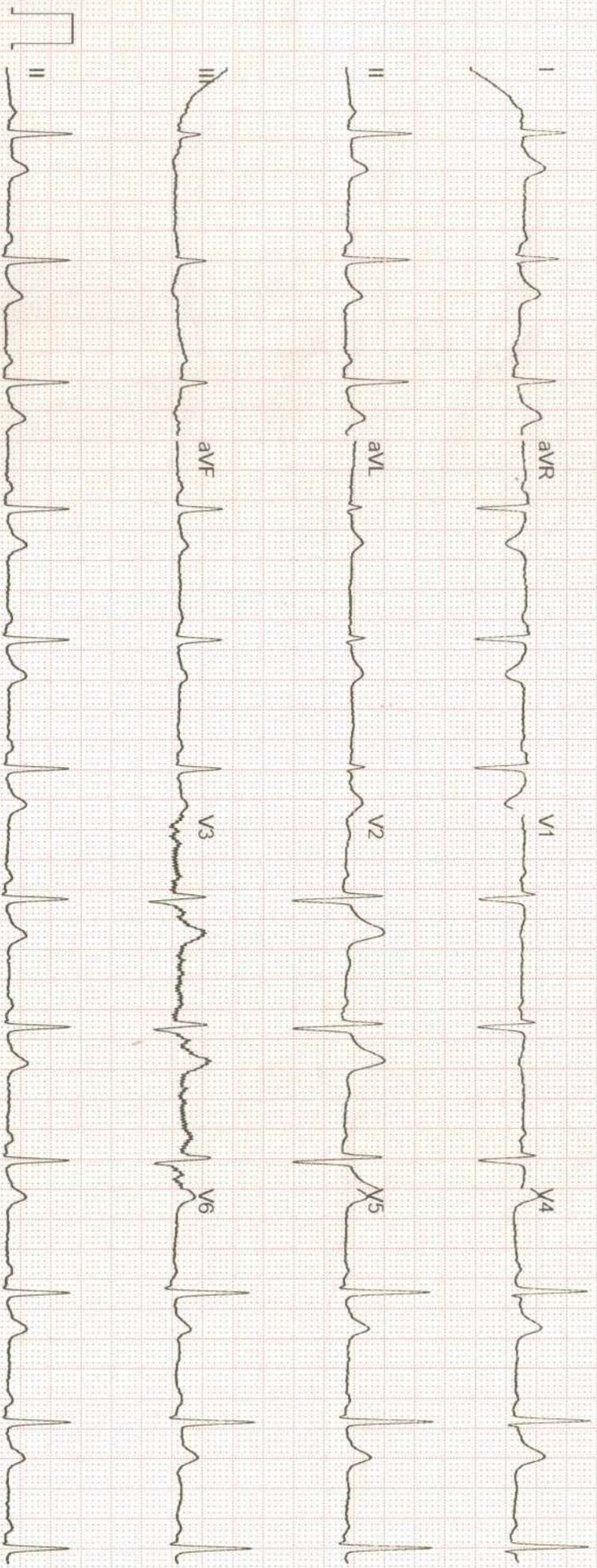
Sankesh

QRS : 78 ms
QT / QTcBaz : 376 / 406 ms
PR : 158 ms
P : 106 ms
RR / PP : 858 / 857 ms
P / QRS / T : 51 / 49 / 16 degrees

Normal sinus rhythm
Normal ECG

Technician:
Ordering Ph:
Referring Ph:
Attending Ph:

CE LOT D899 70 bpm
-- / -- mmHg



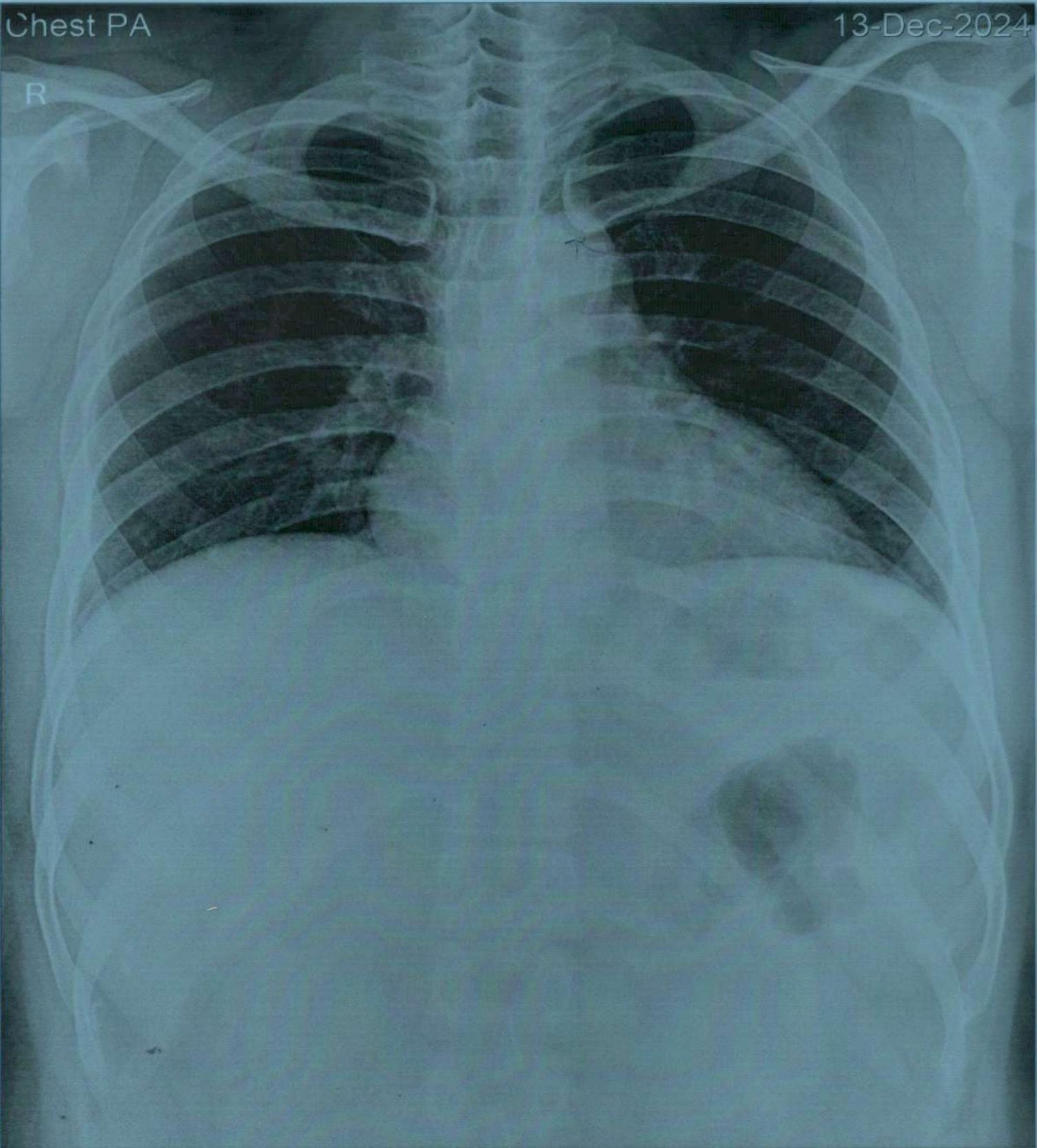
GE MAC2000 1 1 12SL™ V241 25 mm/s 10 mm/mV ADS 0.56-20 Hz 50 Hz 4x2.5x3_25_R1 1/1

Unconfirmed

Chest PA

13-Dec-2024

R



SANTOSH KUMAR, M, 27 years

SHREE RAGHUNATH HOSPITAL AGGARNAGAR LUDHIANA

Details of CSR/Socio-economic development activities undertaken since implementation of the expansion project upto 31.03.2025

| S.No. | Date | Beneficiary | Details of activities | Amount (Rs.) |
|-------|----------|--|--|--------------|
| 1 | 30.03.22 | Shri Raghunath Hospital Society, Ludhiana. | The Society is running Charitable Hospital for providing healthcare for poor and needy. | 500000.00 |
| 2 | 31.03.22 | Sansthanam Abhay Daanam, Ghaziabad. | Sansthanam Abhay Daanam is a charitable trust having its center at village Sunpura, Gautam Buddha Nagar is working since 2016. The Trust was initially formed to help birds and small animals during their sickness and injury. Later on the Trust started rescue and treatment of large animals also. At present the Trust has expended its working area not only for birds and animals but also for Environment and Human beings. The Trust has opened Ayurvedic and Naturopathy Research centers and Hospitals where free treatment and care is given to sick and needy human beings. | 480000.00 |
| 3 | 02.06.22 | Shri Gobind Godham (Gow Sewa Samiti – Regd.), Ludhiana | The Samiti is running a 'Goushala', a shelter home for abandoned and ill cows. | 100000.00 |
| 4 | 14.03.23 | SHRI SWAMI SARVANAND ASHRAM TRUST, VARINDAVAN | The Trust is working for Promotion Health Care and eradication of hunger among unprivileged peoples. | 500000.00 |
| 5 | 30.03.23 | | | 575000.00 |
| 6 | 17.04.23 | SHREE GOVIND GODHAM TRUST, VARINDAVAN | The Trust is running a 'Goushala', a shelter home for abandoned and ill cows. | 210000.00 |
| 7 | 22.05.23 | | | 134000.00 |
| 8 | 09.05.23 | SHRI SWAMI SARVANAND ASHRAM TRUST, VARINDAVAN | The Trust is working for Promotion Health Care and eradication of hunger among unprivileged peoples. | 28000.00 |
| 9 | 30.05.23 | | | 550000.00 |
| 10 | 19.06.23 | Shri Gobind Godham (Gow Sewa Samiti – Regd.), Ludhiana | The Samiti is running a 'Goushala', a shelter home for abandoned and ill cows. | 101000.00 |
| 11 | 04.12.23 | SHRI SWAMI SARVANAND ASHRAM TRUST, VARINDAVAN | The Trust is working for Promotion Health Care and eradication of hunger among unprivileged peoples. | 100000.00 |
| 12 | 14.12.23 | DARPAN AN IMAGE OF INNOCENCE, LUDHIANA (PB). | The NGO is working for education and welfare of Differently Abled children. | 100000.00 |
| 13 | 19.12.23 | SHRI SWAMI SARVANAND ASHRAM TRUST, VARINDAVAN | The Trust is working for Promotion Health Care and eradication of hunger among unprivileged peoples. | 200000.00 |
| 14 | 22.03.24 | BAL VIKAS TRUST (Regd.), Ludhiana | The Trust is working towards Promoting Child Development, Women empowerment and Environment. | 100000.00 |
| 15 | 20.04.24 | SHREE GOVIND GODHAM TRUST, VARINDAVAN | The Trust is running a 'Goushala', a shelter home for abandoned and ill cows. | 251000.00 |
| 16 | 09.05.24 | SHRI SWAMI SARVANAND ASHRAM TRUST, VARINDAVAN | The Trust is working for Promotion Health Care and eradication of hunger among unprivileged peoples. | 500000.00 |
| 17 | 24.05.24 | Shri Gobind Godham (Gow Sewa Samiti – Regd.), Ludhiana | The Samiti is running a 'Goushala', a shelter home for abandoned and ill cows. | 101000.00 |
| 18 | 24.05.24 | Krishan Balram Gaushala Trust (Regd.), Ludhiana | The Samiti is running a 'Goushala', a shelter home for abandoned and ill cows. | 101000.00 |

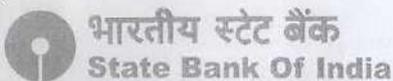
| | | | | |
|--------------|----------|---|--|-------------------|
| 19 | 05.06.24 | BAL VIKAS TRUST (Regd.), Ludhiana | The Trust is working towards Promoting Child Development, Women empowerment and Environment. | 100000.00 |
| 20 | 19.12.24 | DARPAN AN IMAGE OF INNOCENCE, LUDHIANA (PB). | The NGO is working for education and welfare of Differently Abled children. | 200000.00 |
| 21 | 31.12.24 | BAL VIKAS TRUST (Regd.), Ludhiana | The Trust is working towards Promoting Child Development, Women empowerment and Environment. | 100000.00 |
| 22 | 05.02.25 | SHRI SWAMI SARVANAND ASHRAM TRUST, VARINDAVAN | The Trust is working for Promotion Health Care and eradication of hunger among unprivileged peoples. | 325000.00 |
| 23 | 15.03.25 | BAL VIKAS TRUST (Regd.), Ludhiana | The Trust is working towards Promoting Child Development, Women empowerment and Environment. | 100000.00 |
| Total | | | | 5456000.00 |

Details of EMP/Socio-economic development activities undertaken since implementation of

| Financial Year | Description of Expenditure | Amount (Rs.) |
|---------------------|--|-------------------|
| 2015-16 | Fabrication of New APCDs including material, labour and interest capitalised | 3188421.00 |
| Yealry Total | | 3188421.00 |
| 2016-17 | Young Sports Club, Budhewal (Sports competitions and cultural activities.) | 11000.00 |
| Yealry Total | | 11000.00 |
| 2017-18 | Fabrication of New APCDs including material, labour and interest capitalised | 102425.00 |
| 2017-18 | Society for welfare of the Handicapped (Regd.), Patiala.(The society is running boarding school for deaf, dumb and blind children.) | 11000.00 |
| 2017-18 | Crop Development Society of India, Ludhiana (Contribution towards seminar "Scientific Advances for Inclusive Development and Environmental Protection" organized by Punjab Agriculture University Ludhiana.) | 15000.00 |
| Yealry Total | | 128425.00 |
| 2018-19 | Fabrication of New APCDs including material, labour and interest capitalised | 416381.00 |
| 2018-19 | Repair of APCD | 9050.00 |
| 2018-19 | Shri Raghunath Hospital Society, Ludhiana.(A charitable hospital for the treatment poor and deprived section of society.) | 500000.00 |
| 2018-19 | Social Action Group, Ludhiana(Under 'Ek Paryas, project the Group running institution for children with special needs.) | 100000.00 |
| 2018-19 | Young Sports Club, Budhewal (Sports competitions and cultural activities.) | 21000.00 |
| 2018-19 | Krishan Balram Gaushala Trust (Regd.), Ludhiana(The Samiti is running a 'Goushala', a shelter home for abandoned and ill cows.) | 62000.00 |
| Yealry Total | | 1108431.00 |
| 2019-20 | Fabrication of New APCDs including material, labour and interest capitalised | 2184615.00 |
| 2019-20 | Sports Council PSEB Patiala (Sports competitions and cultural activities organized by employees of Punjab State Power Corporation Limited.) | 10000.00 |
| 2019-20 | Police Welfare Fund, Ludhiana.(The donation has been given to District Police administration for distribution of relief material to needy people in Ludhiana district during COVID-19 pandemic.) | 100000.00 |

| | | |
|---------------------|---|-------------------|
| Yealry Total | | 2294615.00 |
| 2020-21 | Repair of APCD | 10000.00 |
| 2020-21 | Shri Gobind Godham (Gow Sewa Samiti – Regd.), Ludhiana (The Samiti is running a ‘Goushala’, a shelter home for abandoned and ill cows.) | 101000.00 |
| 2020-21 | Staff and Labour of Allied Recycling Limited.(Special assistance was provided to employees during lockdown due to COVID-19 pandemic.) | 879600.00 |
| 2020-21 | Shri Ram Janambhoomi Teerth Kshetra(The Trust is entrusted to build Shri Ram Temple at Shri Ram Janambhoomi at Ayodhya (UP).) | 231000.00 |
| 2020-21 | Social Action Group, Ludhiana(Under ‘Ek Paryas, project the Group running institution for children with special needs.) | 101000.00 |
| 2020-21 | Shri Ram Janambhoomi Teerth Kshetra(The Trust is entrusted to build Shri Ram Temple at Shri Ram Janambhoomi at Ayodhya (UP).) | 50000.00 |
| Yealry Total | | 1372600.00 |
| 2021-22 | Shri Gobind Godham (Gow Sewa Samiti – Regd.), Ludhiana(The Samiti is running a ‘Goushala’, a shelter home for abandoned and ill cows.) | 100000.00 |
| 2021-22 | Jagannath Food for Life Welfare Society.(Jagannath Food For Life is a sincere effort to make hygienic, cooked meals easily available to those who are in dire need of them. They charge nominal charges of Rs. 10 and serve hygienically cooked thalis at several places in Ludhiana. Since 2017, they have been making hygienic food available for those who are the sole earners of their families and work day and night to make both ends meet. They help rickshaw pullers, construction workers, daily wage workers, shelterless people, and provide them with good food.) | 100000.00 |
| 2021-22 | Liberal Society (Regd.), NABHA (The Society is working for promotion of Sports among youths and hold sports tournaments.) | 10000.00 |
| Yealry Total | | 210000.00 |
| 2022-23 | Repairs including change of Bag filters etc. | 350520.00 |
| 2022-23 | MALWA EDUCATION COUNCIL, BONDLI-SAMRALA.(The institution Malwa College came into existence in the year 1965 as a co-educational institution imparting education up to under-graduate level in Science as well as Arts.) | 25000.00 |
| 2022-23 | DISTRICT SPECIAL OLYMPICS ASSOCIATION, LUDHIANA (The three-day Punjab State Special Olympic Games were organised at Guru Nanak Public School, Sarabha Nagar, Ludhiana. Around 600 players of 45 schools from across the state participated in the games being organised by the District Special Olympics Association.) | 100000.00 |
| Yealry Total | | 475520.00 |
| 2023-24 | Repairs including change of Bag filters etc. | 179960.00 |
| Yealry Total | | 179960.00 |
| 2024-25 | Repairs including change of Bag filters etc. | 120960.00 |
| Yealry Total | | 120960.00 |
| Grand Total | | 9089932.00 |

The above expenses do not include salary of persons exclusively deputed for maintainance of the Air Polution Control Devices.



भारतीय स्टेट बैंक
State Bank Of India

(04073)-SME SUNDER NAGAR LUDHIANA
SUNDERNAGAR
LUDHIANA, DIST-LUDHIANA, PUNJAB 141008
Tel : 161 5203472 Fax : IFS Code : SBIN004073 SWIFT :

वैधता 3 महीने के लिए केवल / VALID FOR 3 MONTHS ONLY

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D D M M Y Y Y Y

PAY Young Sports Club.

कै या उनके आदेश पर OR ORDER

रुपये RUPEES Eleven Thousand only

अदा करें ₹ 11000/-

खा. सं. / A/c No. 10331017129

VALID UPTO ₹ 50 LACS AT NON-HOME BRANCH

CASH CREDIT A/C
PREFIX :
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Abu*

ALLIED RECYCLING LIMITED

MULTI-CITY CHEQUE Payable at Par at All Branches of SBI

Please sign above

⑈ 33396 1 ⑈ 14 100 20 29 ⑈ 000 299 ⑈ 30

(Bimpy Bimpy)

ੴ ਸਤਿਨਾਮ ਵਾਹਿਗੁਰੂ

YOUNG SPORTS CLUB

Village Budhewal (Ludhiana)

(Regd. No. 587)

167

No.

Date : 17-12-2016

Received with thanks from Sh./Smt. A weed recycling Ltd.

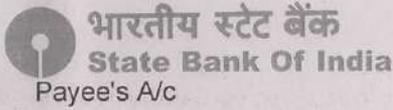
The Sum of Rupees (in words) Eleven Thousand only.

on account of _____

by Cash/Cheque/Draft No. 333961 D. 17/12/16 State Bank of India

Rs. 11000/-

[Signature]
Signature



(00731)-SME MILLERGAJ LUDHIANA
POST BAG NO.30, P.O.INDUSTRIAL
ESTATE, LUDHIANA.DIST:LUDHIANA, PUNJAB 141003
Tel : 161 5093703 Fax : 5093700 IFS Code : SBIN000731 SWIFT :

केवल 3 महीने के लिए वैध / VALID FOR 3 MONTHS ONLY

14/04/2017
D D M M Y Y Y Y

PAY SOCIETY FOR WELFARE OF THE HANDICAPPED (REGD.)

को या उनके आदेश पर OR ORDER

रुपये RUPEES Eleven Thousand Only

अदा करें ₹ 11,000.00

खा.स. A/c No. 10331017129

VALID UPTO ₹ 50 LACS AT NON-HOME BRANCH

CASH CREDIT A/C
PREFIX :
1516100004

Hitendra Singh
ALLIED RECYCLING LIMITED

MULTI-CITY CHEQUE Payable at Par at All Branches of SBI

Please sign above

⑈ 754503 ⑈ 141002003⑈ 000845⑈ 30

Blind Can Feel - Deaf Can See - Your Kindness

Mob. : 97800-43892
97800-43893
0175-2050353, 2221098

Society for Welfare of The Handicapped (Regd.)

S. KISHAN SINGH KAMBOJ HOSTEL, LOWER MALL, PATIALA

Managing : Patiala School For The Deaf

Patiala School For The Blind

Patiala School For The Deafblind

Vill. Saifdipur, Behind Punjabi University, Patiala

Registered with Govt. of India to receive direct Foreign Contribution-Regd. No. 115310019

Book No. 159

Receipt No. 36

Date 16/04/2017

RECEIVED with thanks from Sh./Smt.

Allied Recycling Ltd.

Address *V.Po Budhmal, Chandigarh Road, Ludhiana*

Donation of Rs. *Eleven thousand only*

for *Donation* by Cash/Cheque/Draft No. *754503 (SBI)*

Dated *14/04/2017*

Rs. *11000/-*

Permanent exemption from Income Tax under Sec. 80-G of IT Act 1961 Sanctioned as per letter No. CIT/PTA/TECH/1124/80-9/2007-2008/2259 Dt. 20.02.2008 and amended clause (vi) sub sec (5) of 2009 Income Tax Act.
PAN No. AADTS8635E

Gm Hitendra Singh
Signature

24023 / 100 / BLUE ORDER / R / 28/Apr/2017
SESHAASAI (D) / C/S-2010

भारतीय स्टेट बैंक
State Bank Of India

(00731)-SME MILLERGAJ LUDHIANA
POST BAG NO.30, P O INDUSTRIAL
ESTATE, LUDHIANA DIST. LUDHIANA, PUNJAB 141003
Tel : 161 5093703 Fax : 5093700 IFS Code : SBIN000731 SWIFT :

केवल 3 महीने के लिए वैध / VALID FOR 3 MONTHS ONLY

30012018
D D M M Y Y Y Y

PAY Crop Improvement Society of India को या उसके आदेश पर OR ORDER

रुपये RUPEES Fifteen Thousand only.

अवा करें ₹ 15000/-

खा. सं. A/c No. **10331017129**

VALID UPTO ₹ 50 LACS AT NON-HOME BRANCH

CASH CREDIT A/C
PREFIX :
1516100004

ALLIED RECYCLING LIMITED

MULTI-CITY CHEQUE Payable at Par at All Branches of SBI

Please sign above

⑈833945⑈ ⑈41002003⑈ 000845⑈ 30

21st Punjab Science Congress

February 7-9, 2018

SCIENTIFIC ADVANCES FOR INCLUSIVE DEVELOPMENT AND ENVIRONMENTAL PROTECTION



Under the Aegis of
**Punjab Academy of Sciences,
Patiala**



Organized by
**Punjab Agricultural University
Ludhiana-141004**

E-mail : shreeraghunathhospital@rediffmail.com

Ph. : 0161-2460162, 2460163, 2465323



श्री रघुनाथ हस्पताल

SHREE RAGHUNATH HOSPITAL SOCIETY

AGGAR NAGAR, FEROZEPUR ROAD, LUDHIANA-141 012.

Registered for Exemption U/S 80-G of the Income Tax Act, 1961 Vide C.I.T. Ludhiana

Order No. C.I.T.-III/LDH./JB/80-G/315/10-11/5113 Dt. 24-03-2011

RECEIPT No. **713**

PAN - AADTS4968G

Dated... 19/06/2018

Received with thanks from Sh./Smt. M/S ALLIED RECYCLING LIMITED

the sum of Rupees FIVE LAKH ONLY

on account of DONATION

vide Cash/Cheque/Bank Draft No. CHNO-064020 SBI dt 18/6/2018

For Shree Raghunath Hospital Society

₹ 500000/-

Subject to encashment of Cheque / Draft

[Signature]

[Signature]

President / Treasurer / Secretary

PROJECT : EK PRAYAAS

Adj. Radha Swami Satsang Beas, Centre-VI, Thakur Colony,
Behind, Stepping Resorts, Pakhowal Road, Ludhiana-142022



तमसो मा ज्योतिर्गमय
LEAD ME FROM DARKNESS TO LIGHT

An Institute for Children
with special needs

SOCIAL ACTION GROUP

13-C, SARABHA NAGAR, LUDHIANA (PUNJAB). PHONE : 0161-2170084

Receipt No. **10172**

Dated **18/12/2018**

Received with thanks from **Allied Recycling Limited**

the sum of Rupees

One lakh only

on account of

Donation

by Cash/Cheque/Draft No. **064326**

Dated **13/12/2018**

Rs. **100000/-**

FOR SOCIAL ACTION GROUP
PAN NO. AABTS 6775 M
Bealon
Authorised Signatory

Exempted under Section 80-G
of Income Tax Act 1961. Vide Letter No.
dated 06/05/2009. J.B. No. G/230/769
dated 1-04-2009 onwards.

ੴ ਸਤਿਗੁਰ ਪ੍ਰਸਾਦਿ॥

YOUNG SPORTS CLUB

Village Budhewal (Ludhiana)

(Regd. No. 587)

YOUNG SPORTS CLUB

No. **1908**

Dated 12-2-19

Received with thanks from Sh./Smt. Allied Recycling

the sum of Rupees (in words) Twenty thousand

On account of one hundred only

by Cash/Cheque/Draft No. 675/00 Dated 12/02/19

Rs. 21000

[Signature]
Signature

कृष्ण बलराम गौशाला ट्रस्ट (रजिः)

सिंगला इन्कलेव, गाँव दुलों खुर्द, लुधियाना।

सम्पर्क सूत्र : 9216451217, 9316918317, 9814200100, 9814053162, 9814044306, 9888200800, 9814024387, 9316901300

PAN NO : AAATK8412A

क्रमांक: 39506

गौ सेवा हेतु दान

तिथि: 18/03/19

श्रीमान/श्रीमति Allied Recycling Limited जी

निवासी VPO Buelhewal Chandelhijseh Road Ludhiana

दान की रकम (अक्षरों में) Sixty two thousand only

धन्यावाद सहित प्राप्त की। चैक नं: 064431 बैंक S.B-I

रु. 62000/-

Axis Bank, A/c No. 917010071545998

IFS Code : UTIB0001809

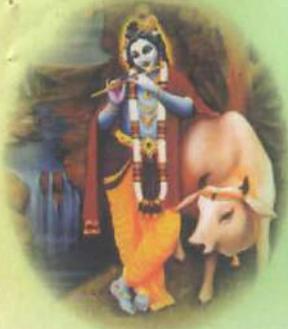
Union Bank, A/c No. 397302010060427

IFS Code : UBIN0539732

Deduction Allowed U/S 80G Vide Letter No. CIT/LDH-I/TECH/80G/2/2007-08/1290

Dated 08/11-06-2007 read with Circular No. 5 of 2010 Dt : 30-06-2010

हस्ताक्षर



श्री गोविन्द गौ धाम

संचालक: गौ सेवा समिति (रजि०)

रजि. ऑफिस : कमर्शियल स्टेशन, गिल रोड, लुधियाना।

प्रताप सिंह वाला, हम्बडां रोड, लुधियाना ।

M : 98724-28788, 94175-00000, 98149-49492, 98720-22224, 94170-01043

DATE:-14/05/2019

TO
SH. VIJAY ABROLJI

C/OALLIEDRECYCLING LIMITED

We have received your Ch. No.064447 Rupees 100000/-

(One Lac only). Our receipt No.229 dt.15/05/2019 against this chq.

We are very grateful to you for the contribution you have make in Our SHREE GOVIND GOW
DHAM .(GOW SEWA SAMITI).

Note: Attach Receipt & 80 G

Thanks,
With Regards,

Ashok Dhawan
ASHOK DHAWAN

राधे राधे

असहाय, लाचार व बीमार गायों की एक मात्र गौशाला

दूरभाष: 2808090
98149 49492
98720-22224

श्री गोविन्द गौ धाम

संचालक: गौ सेवा समिति (रजि०)

हम्बडां रोड, ब्रेटर कैलाश कालोनी, सामने राधा स्वामी सत्संग घर, लुधियाना

सम्पर्क सूत्र: 94175-00000, 98724-28788, 98764-22222

क्रमांक : 229

दिनांक 15/05/19

श्रीमान/श्रीमति Allied Recycling Limited

.....C.पत्र-064447 dt-14/05/19 SBI..... जी से

रु. One Lac only

गौशाला हेतु धन्यवाद सहित प्राप्त किये।

₹ 100000

Donations Eligible for Tax Relief U/S 80-G of Income Tax Act, 1961
Vide Order No. CIT-II LDH JB 80-G 09-10 DT. 05-06-09

हम सब का एक ही लक्ष्य भगवान कृष्ण की भक्ति और गायों की सेवा

PAN No. AAATG2842A PNB A/C No. 3463000101658164 RTGS IFSC CODE PUNB0346300

205
49

10/04/2019

भारतीय स्टेट बैंक
State Bank Of India

(00731)-SME MILLERGAJ LUDHIANA
POST BAG NO.30, P.O.INDUSTRIAL
ESTATE, LUDHIANA, DIST. LUDHIANA, PUNJAB 141003
Tel : Fax : IFS Code : SBI0000731 SWIFT :

वैधता 3 महीने के लिए ही वैध। FOR 3 MONTHS ONLY
13112019
D D M M Y Y Y Y

26/02/1007 BLUE ORDER (R) 20/06/2018
SES/MAASAI (D) / CTS-3/10

PAY Sports Council PSEB Patiala
₹ 10000/2
698 RUPEES Ten Thousand only

बेजुबाय जमा करे OR ORDER

अवकाश करे ₹ 10000/2

10331017129

VALID UPTO ₹ 50 LACS AT NON-HOME BRANCH

CASH CREDIT A/C
PREFIX :
5078000004

Kishu Dewp
ALLIED RECYCLING LIMITED

MULTI-CITY CHEQUE Payable at Par at All Branches of SBI

⑈842637⑈ 141002003⑈ 000845⑈ 30

Office of the
Commissioner of Police
Ludhiana



ਲੇਖਾ ਸ਼ਾਖਾ
Account Branch

ਦਫਤਰ
ਕਮਿਸ਼ਨਰ ਪੁਲਿਸ
ਲੁਧਿਆਣਾ

Appreciation Letter

I want appreciate the donation of Rs. 1,00,000/- in Police Welfare Fund during the time of COVID-19 for the support of Police personnel and public.

It's really a commendable job for the benefit of society and Ludhiana administration to support in the fight against Corona Virus. We always look forward for the support and coordination from **ALLIED RECYCLING** in future also.

M/s Allied Recycling
Ludhiana


Commissioner of Police,
Ludhiana.



श्री गोविन्द गौ धाम

दूरभाष: 2808090
98149-49492
98720-22224

संचालक: गौ सेवा समिति (रजि0)

हम्बडां रोड, ग्रेटर कैलाश कालोनी, साम्बे राधा स्वामी सत्संग घर, लुधियाना
सम्पर्क सूत्र: 94175-00000, 98724-28788, 0161-2307090

क्रमांक : 206

दिनांक 28/5/2020

प्रेमान/श्रीमति Applied Recycling Limited

कैश/चेक/डीडी/ड्रेबिट/क्रेडिट कार्ड नं. Chq. No. 41894 से

One Lakh One thousand only

पेशाला हेतु धन्यवाद सहित प्राप्त किये। P.No, AAECA 76485

₹ 101000

Donations Eligible for Tax Relief U/S 80-G of Income Tax Act. 1961
Vide Order No. CIT-II LDH JB 80-G 09-10 DT. 05-06-09

हम सब का एक ही लक्ष्य भगवान कृष्ण की भक्ति और मात्र गायों की सेवा

IN No. AAATG2842A

PNB A/C No. 3463000101658164

RTGS IFSC CODE PUNB0346300

ALLIED RECYCELING LTD.
VPO.Budhewal, Chandigarh Road,
Ludhiana (PB)
Ledger (2020-21)

Account STAFF & LABOUR WELFARE(COVID-19)

Period 01/Apr/20 to 30-Jun-20

| Date | Narration | Ref. | Debit | Credit | Balance | |
|-----------|---|------|------------|--------|------------|----|
| 22-May-20 | To AMOUNT PAID TO STAFF AND LABOUR AS SPECIAL ASSITANCE DURING COVID-19 LOCKDOWN (492100+75700) | BB04 | 567,800.00 | | 567,800.00 | Dr |
| 09-Jun-20 | To AMOUNT PAID TO STAFF AND LABOUR AS SPECIAL ASSITANCE DURING COVID-19 LOCKDOWN (57200+23100) | BB04 | 80,300.00 | | 648,100.00 | Dr |
| 22-Jun-20 | To AMOUNT PAID TO STAFF AND LABOUR AS SPECIAL ASSITANCE DURING COVID-19 LOCKDOWN (192400+39100) | BB04 | 231,500.00 | | 879,600.00 | Dr |
| | Total | | 879,600.00 | | | |

ALLIED RECYCLING LIMITED
VPO.Budhewal, Chandigarh Road,
Ludhiana (PB)
Ledger (2020-21 & 2021-22)

Account DONATION

Period 01-Apr-20 to 31/Mar/22

| Date | Narration | Ref. | Debit | Credit | Balance | |
|-----------|---|------|------------|--------|------------|----|
| 23-May-20 | To Chq No. 418942 dtd. 23-May-2020 TO GOW SEWA SAMITTEE (REGD) | BB04 | 101,000.00 | | 101,000.00 | Dr |
| 13-Aug-20 | To Chq No. 419062 dtd. 13-Aug-2020 TO SHRI RAM JANAMBHOOMI TEERTH KSHETRA | BB04 | 231,000.00 | | 332,000.00 | Dr |
| 24-Dec-20 | To TRF TO SOCIAL ACTION GRORP | BB04 | 101,000.00 | | 433,000.00 | Dr |
| 26-Jan-21 | To TO AMT OF CASH PAID TO SHRI RAM JANAMBHOOMI TEERTH KSHETRA VIDE RECEIPT NO.CSH/012021000999 DT 26/01/21 | JB | 50,000.00 | | 483,000.00 | Dr |
| 24-Apr-21 | To Chq No. 777120 dtd. 24-Apr-2021 JAGANNATH FOOD FOR LIFE WELFARE SOCIETY | BB04 | 100,000.00 | | 583,000.00 | Dr |
| 24-Apr-21 | To Chq No. 777121 dtd. 24-Apr-2021 TO GOW SEWA SAMITI (REGD.) | BB04 | 100,000.00 | | 683,000.00 | Dr |
| 11-Jan-22 | To Chq No. 370690 dtd. 11-Jan-2022 TO LIBERALS SOCIETY (REGD.) NABHA | BB04 | 10,000.00 | | 693,000.00 | Dr |
| | Total | | 693,000.00 | | | |

Receipt No: CSH/012021000999

Date: 26/01/2021



Ram Kacheri, Ramkot Ayodhya – 224123, U.P.

Website:- <https://srjbtkshetra.org/>

PAN: AAZTS6197B

SHRI RAM JANMBHOOMI TEERTH KSHETRA

Receipt

Received with thanks from:

Name: ALLIED RECYCLING LTD

Email: NIL

Address: BUDEWAL ROAD, LUDHIYANA

Mode Of Donation: Cash

Amount(INR): Rs.50,000.00

PAN Number: AAECA7648B

Mobile Number: +919814000598

Purpose: Mandir Renovation/Repair

Amount in words(INR): Rupees Fifty Thousand only.

Sign: *A. L. Gya*

*50% of Voluntary Contribution, for the purpose of renovation/repair of Mandir, to Shri Ram Janmbhoomi Teerth Kshetra is eligible for deduction under sec 80G(2)(b), subject to other conditions mentioned under section 80G of the Income Tax Act, 1961 (Vide Notification No. 24/2020/F. No.176/B/2017/ITA-I).

*Cash donations in excess of Rs. 2,000 are not allowed as deduction.

Contact: +91 8009522111, Email: contact@srjbtkshetra.org

प्रेमक मोबा-8009522111
श्री राम जन्म भूमि तीर्थ क्षेत्र
राम कचेहरी रामकोट



भारतीय स्टेट बैंक
State Bank Of India

(04045)-SPECIALIZED COMMERCIAL BRANCH, LUDHIANA
OPPOSITE POLICE LINE,
NEAR ARYA COLLEGE FOR BOYS, CIVIL LINES, DIST: LUDHIANA, PUNJAB 141001
Tel : 161 5040401 Fax : IFS Code : SBIN0004045 SWIFT :

केवल 3 महीने के लिए वैध / VALID FOR 3 MONTHS ONLY
11012022
D D M M Y Y Y Y

PAY Liberals Society (Regd.) Nabha

को या उनके आदेश पर **OR ORDER**

रुपये RUPEES Ten Thousand only

अदा करें

₹ 10,000/-

खा. सं.
A/c No. 10331017129

VALID UPTO ₹ 50 LACS AT NON-HOME BRANCH FOR NON-CASH TRANSACTION ONLY

92171013301

CASH CREDIT A/C
PREFIX :
5078000006

Kuldeep
Abu
ALLIED RECYCLING LIMITED

Please sign above

MULTI-CITY CHEQUE Payable at Par at All Branches of SBI

⑈ 370690⑈ 141002027⑈ 000401⑈ 30

SESHAASAI (D)/CTS-2010

॥ राम ॥

Allied Recycling Limited

Manufacturers of :
ALLOY & NON ALLOY STEEL BILLETS,
WIRE ROD & ROUND
CIN : U27100PB2003PLC026583



Date: 30.03.2022

To
Shree Raghunath Hospital Society,
Sector-B, Aggar Nagar, Rajguru Nagar,
Ludhiana -PB

Subject: CSR Funds for Promoting Health Care

Dear Sir,

Please refer to our discussion regarding CSR Funds under CSR norms.

This is to inform you that we have remitted a sum of Rs. 5,00,000/- (Rupees Five Lakh only) to you through online payment, the detail is given below for the project under reference.

| Date | Amount | Mode of Payment |
|------------|-----------------|---|
| 30.03.2022 | Rs. 5,00,000.00 | RTGS vide UTR No. SBINR12022033075495015 Dated 30.03.2022 |

You are requested to utilize the funds strictly as per CSR norms on the project. Further, you are also requested to acknowledge the receipt and issue us necessary documents including utilization certificate as per CSR norms at the earliest.

Thanking you
Your's sincerely,

For ALLIED RECYCLING LIMITED


Hitesh Abrol
Managing Director
Din: 00718015
H.No. 773B, Near Community Centre
Aggar Nagar, Ludhiana



Sansthanam



ABHAY DAANAM

Receipt No.: 1328

PAN: AAQTS9914F

| | |
|----------------|--|
| Date | 31.03.2022 |
| Name | Allied Recycling Limited |
| Address | VPO: Budhewal, Chandigarh Road, Ludhiana (PB), India 141112 |
| PAN No. | AAECA7648B |
| Amount (INR) | 480,000 |
| Amount (Words) | Four Lac Eighty Thousand only |
| Purpose | Education & Health care |
| UTR/Cheque No. | UTR: SBINR12022033175758741 |

For Sansthanam Abhay Daanam

[Signature]
Authorised Signatory

Currently undergoing Projects:

- Birds and Animals Hospital at Sunpura, Noida & Tirthankar Leni, Maharashtra
- Promotion of Veganism
- Hathkargha (Handloom) Center
- Gurukul based Educational Institute at Sunpura: Jharcha: Odesar: Tirthankar Leni: Bhamer
- Ayurvedic Hospital & Research Center
- Naturopathy, Yoga & Meditation Center
- Temple Preservation, Dharamshala & Bhojanalaya at Tirthankar Leni, Maharashtra
- Bird & Animals Hospital, Education Center at Ahinsa Kendra, Colombo, Sri Lanka
- Manuscript Museum, Prakrit Language Center & Library
- Organic Farming, Cow Dung Products & Rain Water Harvesting
- Upliftment of Farmers
- Sewing & Weaving Training Center for villagers
- Mud Utensils Training Center
- Other Various Types of Handmade Carving Training Center

Note: The Donation can be claimed for CSR Activities covered under The Companies Act 2013.
Trust is eligible for Foreign donation Under FCRA Act.

Located at: (In Bharat) - Sunpura, Noida | Tirthankar Leni, Maharashtra | Odesar, U.P. |
(In Srilanka) - Ahinsha Kendra, Kotugoda, Colombo

abhaydaanam.org

+91-9411983935

+94-765599146

abhaydaanam@gmail.com

॥ ॐ साई राम ॥

Mob.: 90411-00047
78110-00013
81465-90345



SHRI SHIRDI SAI WELFARE TRUST (REGD.)

Sai Nagar, Near GPS, Khanna Side, G. T. Road, Mandi Gobindgarh-147 301 (Pb.)

E-mail : shrishirdisai@yahoo.com, Website : www.shrishirdisai.com

For Langer Sewa / Festival / Community Hall / Dharmshala / Other As Donation / Trustee

Receipt No. **1167**

Date **23.5.2022**

Shri/Smt. **Vijay Obroil Ji** **Sadar A/C**
(Allied Recycling Ltd) **Ludhiana**

The Sum of Rupees **One Lac only**

by Cash/Cheque/DD No. **618631 State Bank of India** Dated **23.5.2022**

For Langer Sewa / Festival / Community Hall / Dharmshala / Other As Donation / Trustee For SHRI SHIRDI SAI WELFARE TRUST (REGD.)

₹ **1,00,000/-**


Sign. Authority

राधे राधे



असहाय, लाचार व बीमार गायों की एक मात्र गौशाला

दूरमाष : 2307090
98149-49492
98720-22224

श्री गोविन्द गौ धाम

संचालक : गौ सेवा समिति (रजि0)

P.A. हम्बड़ा रोड़, सामने राधा स्वामी सतसंग घर, लुधियाना।
सम्पर्क सूत्र : 94175-00000, 98724-28788, 98720-22224

03AAECA7648BIZ2

रसीद नं:

57

दिनांक

2/6/22

श्रीमति/श्रीमान

Allied Recycling Pvt.

कैश/चेक/डी.डी./डेबिट/क्रेडिट कार्ड नं. SBI'COM

जी से

रु.

one Lakh one

46200031

गौशाला हेतु धन्यवाद सहित वसूल पाए।

Donations eligible for deduction u/s 80G(5)
of the Income Tax Act 1961 vide Approval
No. AAATG2842AF20214 Dated 28.05.2021
of PCIT/CIT (CPC) valid until 31.03.2026

₹ 100000/

हस्ताक्षर

हम सब का एक ही लक्ष्य भगवान् कृष्ण की भक्ति और मात्र गायों की सेवा

PAN NO. AAATG2842A

PNB A/C No. 3463000101658164

RTGS IFSC CODE PUNB0346300



Malwa Education Council

Regn. No. 81 of 1964-65

BONDLI - SAMRALA (LUDHIANA)

Website : www.malwacollege.org.in
 E-mail : malwacollege@rediffmail.com
 E-mail : malwacollege1965@gmail.com

Ref. No.: M.E.C./.....2776.....Date.....31/10/22.....

M/s Allied
 Recycling Limited
 Kohara

ਆਪ ਜੀ ਵੱਲੋਂ ਦਿੱਤੀ ਗਈ 25000/- ਰੁਪਏ (ਪੱਚੀ ਹਜ਼ਾਰ ਰੁਪਏ ਸਿਰਫ) ਦੀ ਰਾਸ਼ੀ ਚੈਕ ਨੰਬਰ- 620149 ਮਿਤੀ 27.09.2022 ਰਾਹੀਂ ਰਾਸ਼ੀ ਮਾਲਵਾ ਐਜੂਕੇਸ਼ਨ ਕੌਂਸਲ ਨੇ ਪ੍ਰਾਪਤ ਕੀਤੀ ਹੈ। ਆਪ ਜੀ ਨੇ 25000/- ਰੁਪਏ (ਪੱਚੀ ਹਜ਼ਾਰ ਰੁਪਏ ਸਿਰਫ) ਦੀ ਰਾਸ਼ੀ ਇਸ ਸੰਸਥਾ ਨੂੰ ਦਾਨ ਦੇ ਕੇ ਸੰਸਥਾ ਪ੍ਰਤੀ ਆਪਣੀ ਦਿਲੀ ਮੋਹ ਦਾ ਪ੍ਰਗਟਾਵਾ ਕੀਤਾ ਹੈ। ਮਾਲਵਾ ਐਜੂਕੇਸ਼ਨ ਕੌਂਸਲ ਦੀ ਪ੍ਰਬੰਧਕੀ ਕਮੇਟੀ ਵੱਲੋਂ ਆਪ ਜੀ ਦਾ ਹਾਰਦਿਕ ਧੰਨਵਾਦ ਕੀਤਾ ਜਾਂਦਾ ਹੈ।

ਪ੍ਰਮਾਤਮਾ ਆਪ ਜੀ ਨੂੰ ਚੜ੍ਹਦੀ ਕਲਾ ਅਤੇ ਖੁਸ਼ੀਆਂ ਪ੍ਰਦਾਨ ਕਰੇ, ਸਾਡੀ ਇਹੋ ਅਰਦਾਸ ਹੈ।

ਸੁਭ ਇਛਾਵਾਂ ਸਹਿਤ,

Balbir Singh

(ਬਲਬੀਰ ਸਿੰਘ ਰਾਜੇਵਾਲ)

ਪ੍ਰਧਾਨ

Ph.: 01628-263153

MALWA EDUCATION COUNCIL

BONDLI-SAMRALA

No.....1729.....Dated.....27.9.22.....

Received with thanks from Allied Recycling Ltd.

a sum of Rupees Twenty five thousand only

by Cash/Cheque/Draft No. SBI 60K 10331017129

on account of _____

Rs. 25000/-

(Cheque subject to encashment)

For Malwa Education Council

Balbir Singh
 Authorised Signatory

ALLIED RECYCLING LIMITED
VPO.Budhewal, Chandigarh Road,
Ludhiana (PB)
Ledger (2022-23)

Account DONATION

Period 01/Apr/22 to 31/Mar/23

| Date | Narration | Ref. | Debit | Credit | Balance | |
|-----------|--|------|------------|--------|------------|----|
| 20-May-22 | To Chq No. 618631 dtd. 20-May-2022 TO SHRI SHIRDI SAI WELFARE TRUST | BB04 | 100,000.00 | | 100,000.00 | Dr |
| 27-Sep-22 | To Chq No. 620149 dtd. 27-Sep-2022 TO MALWA EDUCATION COUNCIL, BONDLI-SAMRALA. | BB04 | 25,000.00 | | 125,000.00 | Dr |
| 17-Nov-22 | To Chq No. 620258 dtd. 17-Nov-2022 TO DISTRICT SPECIAL OLYMPICS ASSOCIATION | BB04 | 100,000.00 | | 225,000.00 | Dr |
| | Total | | 225,000.00 | | | |

॥ जय श्री राधे ॥

9897858866

9897040577

श्री स्वामी सर्वानन्द आश्रम ट्रस्ट

विद्यापीठ चौराहा, किशोरपुरा, वृन्दावन, जिला मथुरा

तिथि.....

Receipt No. 3926

PAN: AATTS9937K

| | |
|----------------|---|
| Date | 14.03.2023 |
| Name | Allied Recycling Limited |
| Address | VPO: Budhewal, Chandigarh Road, Ludhiana (PB), India 141112 |
| PAN No. | AAECA7648B |
| Amount (INR) | 5,00,000.00 |
| Amount (Words) | Five Lakh only |
| Purpose | Promoting Health care and Eradication of Hunger |
| UTR/Cheque No. | RTGS UTR: SBINR12023031437116675 |

For SHRI SWAMI SARVANAND ASHRAM TRUST

Shree Swami Sarvanand Ashram Trust

Surinder Kumar
President

Auhtorised Signatory

CSR Registration No.: CSR00041578 with Ministry of Corporate Affairs, Govt. of India

॥ जय श्री राधे ॥

9897858866

9897040577

श्री स्वामी सर्वानन्द आश्रम ट्रस्ट

विद्यापीठ चौराहा, किशोरपुरा, वृन्दावन, जिला मथुरा

तिथि.....

Receipt No. 4039

PAN: AATTS9937K

| | |
|----------------|---|
| Date | 30.03.2023 |
| Name | Allied Recycling Limited |
| Address | VPO: Budhewal, Chandigarh Road, Ludhiana (PB), India 141112 |
| PAN No. | AAECA7648B |
| Amount (INR) | 5,75,000.00 |
| Amount (Words) | Five Lakh Seventy Five Thousand only |
| Purpose | Promoting Health care and Eradication of Hunger |
| UTR/Cheque No. | RTGS UTR: SBINR12023033040720064 |

For SHRI SWAMI SARVANAND ASHRAM TRUST

Shree Swami Sarvanand Ashram Trust



President
Authorised Signatory

CSR Registration No.: CSR00041578 with Ministry of Corporate Affairs, Govt. of India



श्री गोविन्द गौधाम ट्रस्ट, वृन्दावन

अकरूर घाट, मथुरा रोड़, वृन्दावन धाम, 281121

REGD. OFFICE: CHAMBER NO. 5015, DISTRICT COURTS, LUDHIANA, M: 98158-13955, 98141-25261

Ref. No
510/2023

Date
26-09-2023

TO WHOM IT MAY CONCERN

Received Rupees 2,10,000 (Two Lakh Ten Thousand rupees only) from Allied Recycling limited through Cheque no : 869656 Dated 17-04-2023. In the name of Shree Govind Gaudham Trust For the fodder & Medicine of gau mata in Shree Govind Gaudham Trust, Vrindavan, Distt. Mathura. This Donation Eligible for Tax Relief U/S 80-G of Income Tax Act. 1961 Vide Order No. CIT/LDH-II/TECH/80-G/09-10/1732 Dt. 22-07-09. Shree Govind Gaudham Trust Pan no is AAGTS3180F, CSR No. CSR00033649 Under Government Of India Ministry Of Corporate Affairs Office Of The Registrar Of Companies.

SHRI GOVIND GOWDHAM TRUST

PAN No. AAGTS3180F

असहाव, लाचार व बीमार गायों की एक मात्र गौशाला



श्री गोविन्द गौधाम ट्रस्ट

अकरूर घाट, मथुरा रोड़, वृन्दावन धाम

Regd. Office Deson Exports E-325-A, Phase- IV, Focal Point, Ludhiana-141010 India
M: 98764-22222, 98141-25261, 98559-39600,

क्रमांक : 4457

दिनांक 24/05/23

श्रीमान/श्रीमति

Allied Recycling Ltd

जी से

रु

Two lac ten thousand only

गौशाला हेतु घन्यवाद सहित प्राप्त किये।

221

हस्ताक्षर

रु 2,10,000/-

Ch 869656



श्री गोविन्द गौधाम ट्रस्ट, वृन्दावन

अकरूर घाट, मथुरा रोड़, वृन्दावन धाम, 281121

REGD. OFFICE: CHAMBER NO. 5015, DISTRICT COURTS, LUDHIANA, M: 98158-13955, 98141-25261

Ref. No
511/2023

Date
26-09-2023

TO WHOM IT MAY CONCERN

Received Rupees 1,34,000 (One Lakh Thirty Four Thousand rupees only) from **Allied Recycling limited** through **Cheque no : 869644** Dated **22-05-2023**. In the name of **Shree Govind Gaudham Trust** For the fodder & Medicine of gau mata in Shree Govind Gaudham Trust, Vrindavan, Distt. Mathura. This Donation Eligible for Tax Relief U/S 80-G of Income Tax Act. 1961 Vide Order No. CIT/LDH-II/TECH/80-G/09-10/1732 Dt. 22-07-09. Shree Govind Gaudham Trust Pan no is AAGTS3180F, CSR No. CSR00033649 Under Government Of India Ministry Of Corporate Affairs Office Of The Registrar Of Companies.

SHRI GOVIND GOWDHAM TRUST

PAN No. AAGTS3180 असहाव, लाचार व बीमार गायों की एक गोशाला

श्री गोविन्द गौधाम ट्रस्ट
अकरूर घाट, मथुरा रोड़, वृन्दावन धाम
Regd. Office Deson Exports E-325-A, Phase-IV, Focal Point, Ludhiana-141010 India
M: 98764-22222, 98141-25261, 98559-39600,

कामांक : 4456 दिनांक 24/05/23

श्रीमान/श्रीमति Allied Recycling Ltd

रु One lac thirty four thousand only जी से

गौशाला हेतु धन्यवाद सहित प्राप्त किये। Ch No 869644 हस्ताक्षर

134000 / 222

हम सब का एक ही लक्ष्य भगवान कृष्ण की भक्ति और मात्र गायों की सेवा।

श्रीस्वामी सर्वानन्द आश्रम (ट्रस्ट)

9897040577

दिनांक.....

Receipt No.

PAN: AATTS9937K

| | |
|----------------|---|
| Date | 30.05.2023 |
| Name | Allied Recycling Limited |
| Address | VPO: Budhewal, Chandigarh Road, Ludhiana (PB), India 141112 |
| PAN No. | AAECA7648B |
| Amount (INR) | 5,50,000.00 |
| Amount (Words) | Five Lakh Fifty Thousand only |
| Purpose | Promoting Health care and Eradication of Hunger |
| UTR/Cheque No. | RTGS UTR: SBINR12023053052131922 |

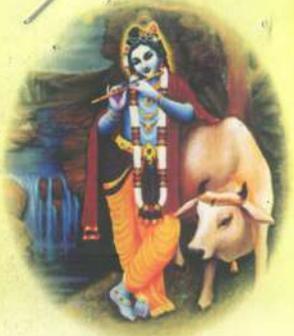
For SHRI SWAMI SARVANAND ASHRAM TRUST

Shree Swami Sarvanand Ashram Trust

Surya Kumar

President/Authorised Signatory

CSR Registration No.: CSR00041578 with Ministry of Corporate Affairs, Govt. of India



श्री गोविन्द गौ धाम

संचालक: गौ सेवा समिति (रजि०)

रजि. ऑफिस : कमर्शियल स्टेशनज, गिल रोड, लुधियाना।

प्रताप सिंह वाला, हम्बडां रोड, लुधियाना ।

M : 98724-28788, 94175-00000, 98149-49492, 98720-22224, 98149-49492

The Managing Director
Allied Recycling Limited
Budhewal Road

Ludhiana.

Subject: - Contribution under Corporate Social Responsibility.

With Reference to above subject We have received a sum of Rs.101000/- vide Online against C.A. Rt.no.1215 dated 19.06.2023 under CSR funds for Animal Welfare. We have utilised the funds for purchase of medicines and Chokar (Cattle Feed) for the project which we are running for abandoned Cow shelter and enclosing here with bills against which we have made the full payment.

Further, we are writing to ask for your support and providing more funds for the Project under your CSR funds.

Thanking You

Yours Faithfully

For GowSewaSamiti (Regd)

Authorise:

राधे राधे



असहाय, लाचार व बीमार गायों की एक मात्र गोशाला

श्री गोविन्द गौ धाम

संचालक : गौ सेवा समिति (रजि०)

हम्बडां रोड, सामने राधा स्वामी सतसंग घर, लुधियाना।

सम्पर्क सूत्र : 94175-00000, 98724-28788, 98720-22224

दूरभाष : 2307090
98149-49492
98720-22224

रसीद नं:

1215

दिनांक 19/06/23

श्रीमति/श्रीमान ALLIED RECYCLING LTD CSR

पता Budhewal Chowk, Road, Ludhiana

पैन नं: AAECA7148 केश/चेक/डी.डी./डेबिट/क्रेडिट कार्ड नं: Online Bank से

रु one lakh one thousand only

गोशाला हेतू धन्यवाद सहित वसूल पाए। Donations eligible for deduction u/s 80G(5) of the Income Tax Act 1961 vide Approval No. AAATG2842AF20214 Dated 28.05.2021 of PCIT/CIT (CPC) valid until 31.03.2026

₹ 10/000/-

हस्ताक्षर

हम सब का एक ही लक्ष्य 224 गवान् कृष्ण की भक्ति और मात्र गायों की सेवा

PAN NO. AAATG2842A

PNB A/C No. 3463000101658164

RTGS IFSC CODE PUNB0346300

पैन नं. AATTS9937K
निति आयोग UP/2021/0283556
सी.एस.आर. : CSR00041578



Reg No.AATTS9937K22CD01 (80G.) Regular
Reg No.AATTS9937KE20206 (12A) Regular

अन्न क्षेत्र

श्री स्वामी सर्वानन्द आश्रम (ट्रस्ट) रजि.

विद्यापीठ चौराहा, किशोर पुरा, वृन्दावन (मथुरा)-281121 उप्र.

मो. 09897040577

Email. shriswamisarvanandashramtrust@gmail.com

दिनांक 4-12-2013

श्रीमती / श्रीमान् MIS ALLIED RECYCLING LIMITED जी
पता BUDHEWAL ROAD, V.P.O. BUDHEWAL
जिला LUDHIANA प्रदेश PUNJAB पिन कोड 141112
रुपये (शब्दों में) ONE LAC ONLY

धन्यवाद नगद/चैक/नेफ्ट/RTGS/ड्राफ्ट/ सहित अन्न क्षेत्र के लिए प्राप्त किये।

आधार नं/ पैन नं/ डी.एल/ वोटर कार्ड/ पासपोर्ट AAECA7648B



100,000

Swami Anand
प्राप्तकर्ता हस्ताक्षर PNB

दानदाता हस्ताक्षर

2.

Address of the applicant

VIDYAPEED CHOWK ., VARINDAVAN 281121

पैन नं. AATTS9937K
निति आयोग UP/2021/0283556
सी.एस.आर. : CSR00041578



Reg No.AATTS9937K22CD01 (80G.) Regular
Reg No.AATTS9937KE20206 (12A) Regular

अन्न क्षेत्र

श्री स्वामी सर्वानन्द आश्रम (ट्रस्ट) रजि.

विद्यापीठ चौराहा, किशोर पुरा, वृन्दावन (मथुरा)-281121 उप्र.

मो. 09897040577

Email. shriswamisarvanandashramtrust@gmail.com

दिनांक 19-12-2013

श्रीमती / श्रीमान् MIS ALLIED RECYCLING LIMITED जी
पता BUDHEWAL CHANDIWARH ROAD
जिला LUDHIANA प्रदेश PUNJAB पिन कोड 141112
रुपये (शब्दों में) Two LAC ONLY

धन्यवाद नगद/चैक/नेफ्ट/RTGS/ड्राफ्ट/ सहित अन्न क्षेत्र के लिए प्राप्त किये।

आधार नं/ पैन नं/ डी.एल/ वोटर कार्ड/ पासपोर्ट AAECA7648B



200,000

Swami Anand
प्राप्तकर्ता हस्ताक्षर PNB

दानदाता हस्ताक्षर

Note:- The website address of the e-filing portal has been changed to www.din.gov.in
* DIN- Document identification No.

Swami Anand

अध्यक्ष



DARPAN

AN IMAGE OF INNOCENCE

80, Gurdev Nagar, Pakhowal Road, Ludhiana.

Mobile : +91 95920-88463

www.darpanautism.org E-mail : niranjanspeech@gmail.com

Receipt No. : **5556**

Dated : 30.3.24

Received with thanks from Allied Recycling Limited

Sum of Rs. one lakh only

Amount of 1 Donation under CSR Fund.

Cash/Cheque/Draft No. 011985 Date 14.12.2023

Rs 1,00,000/-

Signature
Administration



BAL VIKAS TRUST (Regd.)

BAL VIKAS TRUST (REGD.)

Dugri Phase-2 & 3 Bye Pass, 200 Feet Road, Ludhiana

M: 99156-22000 | WEBSITE: www.balvikastrust.com

RECEIPT NO.....061

DATED 23/03/24

Received with thanks from Allied Recycling Limited

VPO: Budhewal, Chandigarh Road, Ludhiana

the sum of Rupees One Lakh only

by Cash/ Cheque/Draft no. 413693

Dated 22/03/2024 on Account of charity

₹ 1,00,000/-

CHEQUES SUBJECTS TO REALIZATION

FOR BAL VIKAS TRUST (REGD.)

Rachna Sharma

AUTHORISED SIGNATORY

Tax Exempted Under Section 80-G With The Registration No. CIT- III/LDH./JB/ 80-G/309/ 2010-11

CSR REGISTRATION NO. CSR00018625

Bal Vikas Trust (Regd.)

PAN No. AAGTS3180F

असहाव, लाचार व बीमार गायों की एक मात्र गौशाला



श्री गोविन्द गौधाम ट्रस्ट, वृन्दावन

अकरूर घाट, मथुरा रोड़, वृन्दावन धाम, 281121

REGD. OFFICE: CHAMBER NO. 5015, DISTRICT COURTS, LUDHIANA, M: 98158-13955, 98141-25261

Ref. No ...801/2024.....

Date 10-05-2024.....

RECEIPT

Received Rupees 2,51,000 (Two Lakh fifty one Thousand rupees only) from **Allied Recycling limited** through **Cheque no : 012024** drawn on SBI. In the name of **Shri Govind Gowdham Trust**, For the fodder & Medicine of gau mata in Shri Govind Gowdham Trust, Vrindavan, Distt. Mathura. **This Donation Eligible for Tax Relief U/S 80-G of Income Tax Act. 1961 Vide Order No. CIT/LDH-II/TECH/80-G/09-10/1732 Dt. 22-07-09. Shree Govind Gaudham Trust Pan no is AAGTS3180F, CSR No. CSR00033649 Under Government Of India Ministry Of Corporate Affairs Office Of The Registrar Of Companies.**

Sanjeev Sood Banka
General Secretary,
Shri Govind Gowdham Trust,
Vrindavan

Reg No.AATTS9937K22CD01 (80G.) Regular
Reg No.AATTS9937KE20206 (12A) Regular

वेन नं. AATTS9937K
निवि आवेग UP/2021/0283556
सी एस आर. : CSR00041578



अन्न क्षेत्र

श्री स्वामी सर्वानन्द आश्रम (ट्रस्ट) रजि.

विद्यापीठ चौराहा, किशोर पुरा, वृन्दावन (मथुरा)-281121 उप्र.

फोन. 09897040577

Email. shriswamisarvanandashramtrust@gmail.com

क्र. 7360

दिनांक. 9-5-2024

श्रीमती / श्रीमान्..... ALLIED RECYCLING LIMITED जी
पता BUDHEWAL ROAD, V.P.O. BUDHEWAL
जिला LUDHIANA प्रदेश PUNJAB पिन कोड. 141112
रुपये (शब्दों में)..... FIVE LAKH ONLY

धन्यवाद नगद/चैक/नेफ्ट/RTGS/ड्राफ्ट/ सहित अन्न क्षेत्र के लिए प्राप्त किये।
आधार नं./पैन नं./ डी.एल/ वोटर कार्ड/ पासपोर्ट..... AA6CA7648B

₹ 500000 / -

प्रतिकर्ता हस्ताक्षर PNB

दानदाता हस्ताक्षर

राधे राधे



असहाय, लाचार व बीमार गायों की एक मात्र गौशाला

दूरभाष : 2307090

98149-49492

98720-22224

श्री गोविन्द गौ धाम

संचालक : गौ सेवा समिति (रजि०)

हम्बड़ा रोड़, सामने राधा स्वामी सतसंग घर, बुधियाणा।

सम्पर्क सूत्र : 94175-00000, 98724-28788, 98720-22224

रसीद नं:

दिनांक 24/5/24

श्रीमति/श्रीमान

1964 M/S ALLIED RECYCLING LTD

पता

V.P.O. Buchhawa Road L.D.

पैन नं:

AAECA7648/B केश/चेक/डी.डी./डेबिट/क्रेडिट कार्ड नं.

जी से

रु

one lakh one thousand only

गौशाला हेतु धन्यवाद सहित वसूल पाए।

Donations eligible for deduction u/s 80G(5) of the Income Tax Act 1961 vide Approval No. AAATG2842AF20214 Dated 28.05.2021 of PCIT/CIT (CPC) valid until 31.03.2026

हस्ताक्षर

₹ 10/000/-

हम सब का एक ही लक्ष्य भगवान् कृष्ण की भक्ति और मात्र गायों की सेवा

PAN NO. AAATG2842A

PNB A/C No. 3463000101658164

RTGS IFSC CODE PUNB0346300

र कृष्ण हरे कृष्ण, कृष्ण कृष्ण हरे हरे हरे राम हरे राम, राम राम हरे हरे * हरे कृष्ण हरे कृष्ण, कृष्ण कृष्ण हरे हरे हरे राम हरे राम, राम राम हरे हरे

कृष्ण बलराम गौशाला ट्रस्ट (रजिः)

सिंगला इन्कलेव, गाँव दुलों खुर्द, लुधियाना।
सम्पर्क सूत्र : 92164-51217, 93169-01300, 98145-31039

PAN NO : AAATK8412A

क्रमांक: 41618 * गौ सेवा हेतु दान * तिथि: 24-5-24

श्रीमान/श्रीमति ALLIED Recycling L.T.D. Sonjy Gery जी
निवासी V.Po Butawal Rd L.D. से

दान की रकम (अक्षरों में) One lakh one thousand only

धन्यावाद सहित प्राप्त की। चैक नं: Ref/No-22755455 बैंक S.B.I.

रु. 1,01,000/-

Axis Bank, A/c No. 917010071545998
IFS Code : UTIB0001809
Union Bank, A/c No. 397302010060427
IFS Code : UBIN0539732

Deduction Allowed U/S 80G Unique Registration No. AAATK8412AF20217 From AY 2022-23 to AY 2026-27
Section 12A Unique Registration No. AAATK8412AE20219 From AY 2022-23 to AY 2026-27

PAN ANECA7648B
PNB BANK
हस्ताक्षर

र कृष्ण हरे कृष्ण, कृष्ण कृष्ण हरे हरे हरे राम हरे राम, राम राम हरे हरे * हरे कृष्ण हरे कृष्ण, कृष्ण कृष्ण हरे हरे हरे राम हरे राम, राम राम हरे हरे



BAL VIKAS TRUST (Regd.)

BAL VIKAS TRUST (REGD.)

Dugri Phase-2 & 3 Bye Pass, 200 Feet Road, Ludhiana

M: 99156-22000 | WEBSITE: www.balvikastrust.com

RECEIPT NO.....113.....

DATED 5/06/2024

Received with thanks from Allied Recycling Limited.

V.P.O: Budhewal, Chandigarh Road, Ludhiana.

the sum of Rupees One Lac only

by Cash/ Cheque/Draft no. 413775

Dated 5/06/2024 on Account of charity

₹ 1,00,000/-

CHEQUES SUBJECTS TO REALIZATION

FOR BAL VIKAS TRUST (REGD.)

Rachna Sharma

AUTHORISED SIGNATORY

Tax Exempted Under Section 80-G With The Registration No. CIT- III/LDH./JB/ 80-G/309/ 2010-11

CSR REGISTRATION NO. CSR00018625

Bal Vikas Trust (Regd.)



DARPAN

AN IMAGE OF INNOCENCE

80, Gurdev Nagar, Pakhowal Road, Ludhian
Mobile : +91 95920-88463
www.darpanautism.org E-mail: niranjanspech@gmail.com

Receipt No. : **5996**

Dated : 22.3.25

Received with thanks from Allied Recycling Ltd.

Amount of Rs. Two lakh only.

For CSR Fund Donation

Cheque/Draft No. 575557 Date _____

200000/-

Signature
Administration



BAL VIKAS TRUST (Regd.)

BAL VIKAS TRUST (REGD.)

Dugri Phase-2 &3 Bye Pass, 200 Feet Road, Ludhiana

M: 99156-22000 | WEBSITE: www.balvikastrust.com

RECEIPT NO..... 130

DATED 5/02/2025

Received with thanks from Allied Recycling Limited

V.P.O. Budhewal, Chandigarh Road, Ludhiana

the sum of Rupees One Lakh only

by Cash/ Cheque/ Draft no. 575624

Dated 5/02/2025 on Account of Charity

₹ 1,00,000/-

CHEQUES SUBJECTS TO REALIZATION

FOR BAL VIKAS TRUST (REGD.)

Rachna Sharma

AUTHORISED SIGNATORY

Tax Exempted Under Section 80-G With The Registration No. CIT- III/LDH./JB/ 80-G/309/ 2010-11

CSR REGISTRATION NO. CSR00018625

Bal Vikas Trust (Regd.)

पैन नं. AATTS9937K
निति आयोग UP/2021/0283556
सी.एस.आर. : CSR00041578



अन्न क्षेत्र

Reg No. AATTS9937K22CD01 (80G.) Regular
Reg No. AATTS9937KE20206 (12A) Regular

श्री स्वामी सर्वानन्द आश्रम (ट्रस्ट) रजि.

विद्यापीठ चौराहा, किशोर पुरा, वृन्दावन (मथुरा)-281121 उ.प्र.

मो. 09897040577

क्र. 398

Email. shriswamisarvanandashramtrust@gmail.com

दिनांक. 05/02/25

श्रीमती / श्रीमान् MIS ALLIED RECYCLING LIMITED जी
पता BUDHWAL ROAD, V.P.O. BUDHWAL,
जिला LUDHIANA प्रदेश PUNJAB पिन कोड 141112
रुपये (शब्दों में) THREE LAKH TWENTY FIVE THOUSAND ONLY
(325000 RS) धन्यवाद नगद/चैक/नेफ्ट/RTGS/ड्राफ्ट/ सहित अन्न क्षेत्र के लिए प्राप्त किये।

आधार नं/ पैन नं./ डी.एल/ वोटर कार्ड/ पासपोर्ट.....

₹ 325000/-

दानदाता हस्ताक्षर

101B

2014-9
प्राप्तकर्ता हस्ताक्षर



BAL VIKAS TRUST (Regd.)

BAL VIKAS TRUST (REGD.)

Dugri Phase-2 & 3 Bye Pass, 200 Feet Road, Ludhiana

M: 99156-22000 | WEBSITE: www.balvikastrust.com

RECEIPT NO.....132

DATED...15/03/2025

Received with thanks from Allied Recycling limited

V.P.O. Budhewal, Chandigarh Road, Ludhiana

the sum of Rupees One lakh only

by Cash/ Cheque/Draft no. 575734

Dated 15/03/2025 on Account of _____

₹ 1,00,000/-

CHEQUES SUBJECTS TO REALIZATION

FOR BAL VIKAS TRUST (REGD.)

Rachna Sharma

AUTHORISED SIGNATORY

Tax Exempted Under Section 80-G With The Registration No. CIT- III/LDH./JB/ 80-G/309/ 2010-11

CSR REGISTRATION NO. CSR00018625

Bal Vikas Trust (Regd.)

॥ राम ॥

Allied Recycling Ltd.

Manufacturers of :
 ALLOY & NON ALLOY STEEL BILLETS,
 WIRE ROD & ROUND
 CIN : U27100PB2003PLC026583



ENVIRONMENT POLICY OF THE COMPANY

M/s Allied Recycling Ltd. commits to ensure an eco-friendly environment by establishing, maintaining and continually improving an Environmental Management System (EMS) with emphasis as below:

- To involve our customers, suppliers, vendors and contractors in environmental sustainability endeavors by sharing our expectations to collaboratively achieve our environmental objectives and adopting the '3-R' (Reduce, Reuse and Recycle) concept.
- To review the environmental policy and allied management systems periodically to ensure continuing applicability and relevance to our operations.
- To preserve and enhance biodiversity in our unit and ardently promote "green procurement for our all upcoming projects".
- To strive to comply with all applicable environmental and related legal and other requirements.
- To implement all these measures, we shall devise an Environment Management Plan (EMP) which would consist of all mitigation measures for each activity to be undertaken to minimize environmental impacts if any.
- To communicate our environmental policy to all the employees, customers, business associates and other stakeholders and ensure that the reporting of the environmental related compliance is done through appropriate communication channels.

For Allied Recycling Limited

[Handwritten Signature]
 Director

Date: 09.03.2023

Place: Ludhiana

Public cooperation necessary in fight against drugs: Police

MANDI AHMEDGARH, APRIL 12

The police claimed to have initiated a drive to seek the cooperation of the masses in the fight against drug abuse under the 'Yudh Nashian Virudh' campaign, launched by the state government.

The inaugural event, to rope in office-bearers and activists of various social organisations, was held at MGMN Senior Secondary School under supervision of SSP Gagan Ajit Singh.

Municipal Council president Vikas Krishan Sharma chaired the function, while SP (H) Gursharan Singh Sandhu, Ahmedgarh DSP Rajan Sharma and city SHO Randeep Sharma were among the keynote speakers.

Termining concern and cooperation of the general public an indispensable tool for the administration to fight any challenge Sandhu said the menace of drug abuse could not be curbed without the genuine cooperation of all sections of society, including political leaders, members of social organisations and youths.

"It is on record that the Punjab Police is known the world over for curbing insurgency and militancy, which would not have been possible without the cooperation of the public during the dark



SP Gursharan Singh Sandhu interacts with children in Ahmedgarh.

days," said Sandhu, maintaining that fighting narco-terrorism would also become easier when people start cooperating with the police to identify drug peddlers in their respective areas.

Besides elaborating on the various aspects of the crusade launched against drug abuse DSP Rajan said the information received from the public on WhatsApp (number 9779100200) was kept a secret and even investigating officials were not aware of the identity of the information provider.

Sharma said SHOs Randeep Sharma and Sukhwinder Singh had been

advised to ensure that all inputs provided by people were promptly verified and used to take action against antisocial elements.

SSP Gagan appreciated residents, including office-bearers of various organisations, who had started coming forward to provide information about activities of drug peddlers in their respective localities.

Singh said personnel at various police stations had been advised to visit playgrounds, gymnasias, parks and other public places with a focus to collect information about drug peddlers and their sympathisers in their respective areas. — OC

Beefed up ahead of Ambedkar Jayanti

brations will take place.

The authorities claimed that vigil had been enhanced around statues and venues of the celebration, along with educational institutes and public places. Besides organising nakas, search and combing operations during night domination are being undertaken in all subdivisions of the district.

SSP Gagan Ajit Singh said security had been beefed up

with intent to instil confidence among residents and demoralise antisocial elements. Leaders of various outfits have also been roped in to sensitise residents about the significance of community policing in maintaining peace in the region on special occasions. The SSP also cautioned people to remain vigilant while viewing and forwarding posts on social media. —OC

PUBLIC NOTICE

It is for the information of General Public that M/s Allied Recycling Limited has been granted Environmental Clearance by MoEF&CC for expansion of existing Steel Manufacturing Unit "Allied Recycling Limited" located at VPO Budhewal, Chandigarh Road, Tehsil Kum Kalan, District Ludhiana, Punjab vide EC Identification No. EC23A1010PB5514596N dated 20.03.2025 through our Environmental Consultant "M/s Eco Paryavaran Laboratories & Consultants Pvt. Ltd., Mohali". The copy of Environmental Clearance along with the conditions to be complied is available with project proponent and may also be seen on Environmental Clearance portal (<https://pervesti.nic.in/>). The interested person can contact either of the two.

M/s Allied Recycling Limited

VPO Budhewal, Chandigarh Road,
Tehsil Kum Kalan, District Ludhiana, Punjab
M/s Eco Paryavaran Laboratories & Consultants Pvt. Ltd.
E-207, Industrial Area, Phase-VIII-B
Sector 74, Mohali, Punjab
www.ecoparyavaran.org

ਸੁਖਬੀਰ ਅਕਾਲੀ ਦਲ ਨੂੰ ਬੁਲੰਦੀਆਂ 'ਤੇ ਲੈ ਕੇ ਜਾਣਗੇ : ਦਿਓਲ

ਲੁਧਿਆਣਾ, 12 ਅਪ੍ਰੈਲ (ਮੁੱਲਾਂਪੁਰੀ)-ਸ੍ਰੀ ਅਕਾਲੀ ਦਲ ਦੇ ਟਕਸਾਲੀ ਪਰਿਵਾਰ ਦੇ ਨੌਜਵਾਨ ਆਗੂ ਤੇ ਸਾਬਕਾ ਉਪ ਚੇਅਰਮੈਨ ਲੈਡ ਮਾਰਗੇਜ ਬੈਂਕ ਦੇ ਜਸਕਰਨਜੀਤ ਸਿੰਘ



ਸ.ਦਿਓਲ ਨੇ ਕਿਹਾ ਹੁਣ ਸਰਕਾਰ ਬਣਾਉਣ ਲਈ ਸਮੁੱਚੀ ਅਕਾਲੀ ਦਲ ਲੀਡਰਸ਼ਿਪ ਤੇ ਪ੍ਰਧਾਨ ਦਿਨ ਰਾਤ ਇਕ ਕਰਨਗੇ ਤਾਂ ਜੋ ਵਿਰੋਧੀਆਂ ਦੇ ਭੈੜੇ ਮਨਸੂਬੇ ਕਾਮਯਾਬ ਨਾ ਹੋ

ਦਿਓਲ ਅੱਜ ਇਥੇ ਸ੍ਰੀ ਅਕਾਲੀ ਦਲ ਦੀ ਸਮੁੱਚੀ ਲੀਡਰਸ਼ਿਪ ਤੇ ਡੈਲੀਗੇਟ ਦਾ ਦਿਲੋਂ ਧੰਨਵਾਦ ਕਰਦੇ ਹੋਏ ਕਿਹਾ ਕਿ ਉਸ ਨੇ ਖੇਤਰੀ ਪਾਰਟੀ ਤੇ ਸਾਰੀਆਂ ਪਾਰਟੀਆਂ ਸ੍ਰੀ ਅਕਾਲੀ ਦਲ ਨੂੰ ਮੁੜ ਜਿੱਤ ਕੇ ਪੈਰਾਂ 'ਤੇ ਖੜ੍ਹਾ ਕਰਨ ਲਈ ਅੱਜ ਇਤਿਹਾਸਕ ਫੈਸਲਾ ਲੈ ਕੇ ਲੇਖਾ ਵਰਕਰ ਦੀ ਤਰਜਮਾਨੀ ਕਰਨ ਵਾਲੇ ਸੁਖਬੀਰ ਸਿੰਘ ਬਾਦਲ ਨੇ ਪਾਰਟੀ ਦਾ ਪ੍ਰਧਾਨ ਬਣਨ ਨਾਲ ਸਾਡੇ ਹੌਸਲੇ ਬੁਲੰਦ ਕੀਤੇ ਹਨ।

ਸਕਣ। ਉਨ੍ਹਾਂ ਕਿਹਾ ਕਿ ਹੁਣ ਪੰਥਕ ਹਲਕਾ ਦਾਖਾ ਵਿਚ ਅਕਾਲੀ ਦਾ ਦਫਤਰ ਖੋਲ੍ਹਿਆ ਜਾਵੇਗਾ ਅਤੇ ਵੱਡੇ ਪੱਧਰ 'ਤੇ ਗਤੀਵਿਧੀਆਂ ਸ਼ੁਰੂ ਕੀਤੀਆਂ ਜਾਣਗੀਆਂ।

ਅੱਜ ਉਨ੍ਹਾਂ ਦੇ ਨਾਲ ਚੇਅਰਮੈਨ ਗੁਰਦੀਪ ਸਿੰਘ ਫੱਲੇਵਾਲ ਸਰਪੰਚ, ਸਵਰਨ ਸਿੰਘ ਛੱਜੇਵਾਲ, ਗੁਰਿੰਦਰਜੀਤ ਰੁਮੀ, ਚਮਕੌਰ ਸਿੰਘ ਉੱਭੀ, ਸੁਰਿੰਦਰ ਛਿੰਦਾ ਲਤਾਲਾ, ਚੇਅਰਮੈਨ ਲਖਵਿੰਦਰ ਸਿੰਘ ਪੋਨੇ ਕੋਠੇ ਆਦਿ ਸ਼ਾਮਲ ਸਨ।

2 ਦਸੰਬਰ ਦੇ ਹੁਕਮਨਾਮੇ ਦੀ ਘੋਰ ਆਪਣੇ ਧੜੇ ਦਾ ਪ੍ਰਧਾਨ ਚੁਣਿਆ

ਲੁਧਿਆਣਾ, 12 ਅਪ੍ਰੈਲ (ਮੁੱਲਾਂਪੁਰੀ)-ਸ੍ਰੀ ਅਕਾਲ ਤਖ਼ਤ ਸਾਹਿਬ ਤੋਂ ਸ਼੍ਰੋਮਣੀ ਅਕਾਲੀ ਦਲ ਦੀ ਪੁਨਰ ਸੁਰਜੀਤੀ ਲਈ ਮਨੋਨੀਤ ਭਰਤੀ ਕਮੇਟੀ ਮੈਂਬਰਾਂ ਸ.ਮਨਪ੍ਰੀਤ ਸਿੰਘ ਇਯਾਲੀ, ਜੱਥੇਦਾਰ ਗੁਰਪ੍ਰਤਾਪ ਸਿੰਘ ਵਡਾਲਾ, ਜੱਥੇਦਾਰ ਇਕਬਾਲ ਸਿੰਘ ਝੁੰਦਾ, ਜੱਥੇਦਾਰ ਸੰਤਾ ਸਿੰਘ ਉਮੈਦਪੁਰੀ ਅਤੇ ਬੀਬੀ ਸਤਵੰਤ ਕੌਰ ਨੇ ਆਪਣੇ ਸਾਂਝੇ ਬਿਆਨ ਵਿੱਚ ਕਿਹਾ ਹੈ ਕਿ ਆਪਣੀਆਂ ਗਲਤੀਆਂ ਗੁਨਾਹਾਂ ਕਰਕੇ ਸ੍ਰੀ ਅਕਾਲ ਤਖ਼ਤ ਸਾਹਿਬ ਦੀ ਫ਼ਸੀਲ ਸਾਹਮਣੇ ਪੇਸ਼ ਹੋਈ ਲੀਡਰਸ਼ਿਪ ਨੇ ਦੋ ਦਸੰਬਰ ਦੇ ਹੁਕਮਨਾਮੇ ਦੀ ਮੂਲ ਭਾਵਨਾ ਦੀ ਘੋਰ ਉਲੰਘਣਾ ਕਰ ਕੇ ਸਿਆਸੀ ਅਗਵਾਈ

ਦਾ ਨੈਤਿਕ ਅਧਾਰ ਗੁਆ ਚੁੱਕੀ ਲੀਡਰਸ਼ਿਪ 'ਚੋਂ ਇਕ ਧੜੇ ਨੇ ਬੋਗਸ ਭਰਤੀ ਜਰੀਏ ਆਪਣੇ ਧੜੇ ਦਾ ਪ੍ਰਧਾਨ ਚੁਣਿਆ ਹੈ।

ਜਾਰੀ ਬਿਆਨ ਵਿੱਚ ਭਰਤੀ ਕਮੇਟੀ ਮੈਂਬਰਾਂ ਨੇ ਜ਼ੋਰ ਦੇ ਕੇ ਕਿਹਾ ਕਿ ਅੱਜ ਇੱਕ ਧੜੇ ਨੇ ਸ੍ਰੀ ਅਕਾਲ ਤਖ਼ਤ ਸਾਹਿਬ ਵੱਲ ਪਿੱਠ ਕਰ ਕੇ ਆਪਣੀ ਬੋਗਸ ਭਰਤੀ ਜਰੀਏ ਆਪਣਾ ਪ੍ਰਧਾਨ ਚੁਣਿਆ ਹੈ, ਜਿਸ ਨੂੰ ਪੰਥ ਅਤੇ ਕੌਮ ਪ੍ਰਵਾਨ ਨਹੀਂ ਕਰੇਗੀ।

ਭਰਤੀ ਕਮੇਟੀ ਮੈਂਬਰਾਂ ਨੇ ਕਿਹਾ ਕਿ ਸ਼੍ਰੋਮਣੀ ਅਕਾਲੀ ਦਲ ਦੀ ਹੋਂਦ ਅਤੇ ਭਾਵਨਾ ਹੀ ਸ੍ਰੀ ਅਕਾਲ ਤਖ਼ਤ ਸਾਹਿਬ ਨਾਲ ਜੁੜੀ ਹੈ, ਇਸ ਕਰਕੇ ਸ੍ਰੀ ਅਕਾਲ ਤਖ਼ਤ ਸਾਹਿਬ ਤੋਂ ਬੇਮੁੱਖ ਹੋ ਕੇ ਅਤੇ ਉਥੋਂ

ਨਹਿਰੀ ਪਾਣੀ ਸਪਲਾਈ ਪ੍ਰਾਜੈਕਟ ਇੰਦਰਜੀਤ ਕੌਰ ਨੇ 47.30 ਕਰੋੜ

ਨਹਿਰੀ ਅਧਾਰਤ ਜਲ ਸਪਲਾਈ ਪ੍ਰਾਜੈਕਟ ਤਹਿਤ ਨਿਵਾਸੀਆਂ

ਭਾਮੀਆਂ ਕਲਾਂ/ਸਾਹਨੇਵਾਲ, 12 ਅਪ੍ਰੈਲ, (ਬਲਜੀਤ, ਜ.ਬ.)-ਮੁੱਖ ਮੰਤਰੀ

ਭਗਵੰਤ ਸਿੰਘ ਮਾਨ ਦੀ ਅਗਵਾਈ ਵਾਲੀ ਪੰਜਾਬ ਸਰਕਾਰ ਦੇ ਜਨਤਾ ਨੂੰ ਮਿਆਰੀ ਨਾਗਰਿਕ ਸਹੂਲਤਾਂ ਪ੍ਰਦਾਨ ਕਰਨ ਦੇ ਮਿਸ਼ਨ ਨੂੰ ਅੱਗੇ ਵਧਾਉਂਦੇ ਪੰਜਾਬ ਦੇ ਮਕਾਨ ਉਸਾਰੀ ਅਤੇ ਸ਼ਹਿਰੀ ਵਿਕਾਸ ਮੰਤਰੀ ਹਰਦੀਪ ਸਿੰਘ ਮੁੰਡੀਆਂ ਅਤੇ ਮੇਅਰ ਪ੍ਰਿੰਸੀਪਲ ਇੰਦਰਜੀਤ ਕੌਰ ਨੇ ਸ਼ਨੀਵਾਰ ਨੂੰ ਵਿਸ਼ਵ ਬੈਂਕ ਦੁਆਰਾ ਫੰਡ ਪ੍ਰਾਪਤ ਨਹਿਰੀ ਪਾਣੀ ਸਪਲਾਈ ਪ੍ਰਾਜੈਕਟ ਤਹਿਤ ਭਾਮੀਆਂ ਖੇਤਰ (ਵਾਰਡ ਨੰਬਰ 22) ਵਿੱਚ ਦੋ ਓਵਰਹੈੱਡ ਜਲ ਭੰਡਾਰਾਂ ਦੇ ਨਿਰਮਾਣ ਅਤੇ ਸੰਬੰਧਿਤ ਪਾਈਪਲਾਈਨ ਲਗਾਉਣ ਲਈ ਲਗਭਗ 47.30 ਕਰੋੜ ਰੁਪਏ ਦੇ ਪ੍ਰੋਜੈਕਟਾਂ ਦੀ ਸ਼ੁਰੂਆਤ ਕੀਤੀ।

PUBLIC NOTICE

It is for the information of General Public that M/s Allied Recycling Limited has been granted Environmental Clearance by MoEF&CC for expansion of existing Steel Manufacturing Unit "Allied Recycling Limited" located at VPO Budhewal, Chandigarh Road, Tehsil Kum Kalan, District Ludhiana, Punjab vide EC Identification No. EC23A1010PB5514596N dated 20.03.2025 through our Environmental Consultant "M/s Eco Paryavaran Laboratories & Consultants Pvt. Ltd., Mohali". The copy of Environmental Clearance along with the conditions to be complied is available with project proponent and may also be seen on Environmental Clearance portal (<https://parivesh.nic.in/>). The interested person can contact either of the two.

M/s Allied Recycling Limited
VPO Budhewal, Chandigarh Road, Tehsil Kum Kalan, District Ludhiana, Punjab
M/s Eco Paryavaran Laboratories & Consultants Pvt. Ltd.
E-207, Industrial Area, Phase-VIII-B Sector 74, Mohali, Punjab
www.ecoparyavaran.org

ਜਦੋਂਕਿ ਓਵਰਹੈੱਡ ਵਾਟਰ ਰਿਜ਼ਰਵਾਇਰ ਲਗਭਗ 7.30 ਕਰੋੜ ਰੁਪਏ ਦੀ ਲਾਗਤ ਨਾਲ ਬਣਾਏ ਜਾਣਗੇ, ਨਾਲ ਹੀ ਸੰਬੰਧਿਤ ਜਲ ਸਪਲਾਈ ਪਾਈਪਲਾਈਨ

ਸਮੂਹ ਸਾਧ ਸੰਗਤਾ ਨੂੰ ਖਾਲਸਾ ਸਾਜਨਾ ਦਿਵਸ ਦੀਆਂ ਵਧਾਈਆਂ

ਵੱਲੋਂ: ਸੁਰਿੰਦਰਪਾਲ ਸਿੰਘ ਹੁੰਦਲ (ਹੰਬਰਾਂ)
ਚੇਅਰਮੈਨ, ਲੈਡ ਮਾਰਗੇਜ ਬੈਂਕ, ਲੁਧਿਆਣਾ, 98166-00006

ਸਮੂਹ ਸਾਧ ਸੰਗਤਾ ਨੂੰ ਖਾਲਸਾ ਸਾਜਨਾ ਦਿਵਸ ਦੀਆਂ ਵਧਾਈਆਂ

ਵੱਲੋਂ: ਸਰਬਜੀਤ ਸਿੰਘ ਗਰੇਵਾਲ
ਸਲੇਮ ਟਾਬਰੀ, ਲੁਧਿਆਣਾ

ਸਮੂਹ ਦੇਸ ਵਾਸੀਆਂ ਨੂੰ ਖਾਲਸਾ ਸਾਜਨਾ ਦਿਵਸ ਅਤੇ ਵਿਸਾਖੀ ਦੀਆਂ ਲੱਖ-ਲੱਖ ਵਧਾਈਆਂ

ਰਾਜ ਕੁਮਾਰ ਅਗਰਵਾਲ
ਮੈਂਬਰ ਪੰਜਾਬ ਸਟੇਟ ਟਰੇਡਰਜ਼ ਕਮਿਸ਼ਨ

ਚਰਨਜੀਤ ਸਿੰਘ ਲਾਂਬਾ
ਪੰਜਾਬ ਸਟੇਟ ਟਰੇਡਰਜ਼ ਕਮਿਸ਼ਨ ਐਕਸਾਈਜ਼ ਐਂਡ ਟੈਕਸੇਸ਼ਨ ਜੀ ਐਸ ਟੀ ਵਿਭਾਗ ਦੀ ਜ਼ਿਲ੍ਹਾ ਐਗਵਾਈਜ਼ਰੀ ਕਮੇਟੀ ਦੇ ਮੈਂਬਰ

ਖਾਲਸਾ ਸਾਜਨਾ ਦਿਵਸ ਅਤੇ ਵਿਸਾਖੀ ਦੀਆਂ ਲੱਖ-ਲੱਖ ਵਧਾਈਆਂ ਨੂੰ



॥ राम ॥

Annexure 19

CIN : U27100PB2003PLC026583

ALLIED RECYCLING LIMITED

MFRS. OF : ALLOY & NON ALLOY STEEL BILLET, BLOOM & WIRE ROD

o/c

Date: 11.04.2025

To,

The Regional Office, Ludhiana-1,
Punjab Pollution Control Board,
Distt. Ludhiana, Punjab.

**Subject: Regarding grant of Environmental Clearance to Steel Manufacturing Unit
"Allied Recycling Limited" located at VPO Budhewal, Chandigarh Road,
Tehsil Kum Kalan, District Ludhiana, Punjab**

Respected Sir,

With reference to the above mentioned subject, we wish to inform you that Environmental Clearance for expansion has been granted to our Steel Manufacturing Unit "Allied Recycling Limited" located at VPO Budhewal, Chandigarh Road, Tehsil Kum Kalan, District Ludhiana, Punjab vide EC Identification No. EC23A1010PB5514596N dated 20.03.2025 and copy of the same is attached along.

We request you to kindly acknowledge the same.

Thanking you,

Sincerely,

For Allied Recycling Limited

Hitesh Abrol

(Director)

Recd @ Mr 17/4/25

Encl: As Above

Regd. Office & Works : Budhewal Road, V.P.O. Budhewal, Ludhiana (Pb.)-141112

☎ 99141-16519, 97814-15519, 0161-2848535

✉ alliedrecyclinglimited@gmail.com 🌐 www.alliedgroup.in



॥ राम ॥

CIN : U27100PB2003PLC026583

ALLIED RECYCLING LIMITED

MFRS. OF : ALLOY & NON ALLOY STEEL BILLET, BLOOM & WIRE ROD

19/02/2025/mta
15/4/25

OK

Date: 11.04.2025

To,

The Commissioner,
Municipal Corporation,
Ludhiana, Punjab.

Subject: Regarding grant of Environmental Clearance to Steel Manufacturing Unit "Allied Recycling Limited" located at VPO Budhewal, Chandigarh Road, Tehsil Kum Kalan, District Ludhiana, Punjab

Respected Sir,

With reference to the above mentioned subject, we wish to inform you that Environmental Clearance for expansion has been granted to our project Steel Manufacturing Unit "Allied Recycling Limited" located at VPO Budhewal, Chandigarh Road, Tehsil Kum Kalan, District Ludhiana, Punjab vide EC Identification No. EC23A1010PB5514596N dated 20.03.2025 and copy of the same is attached along.

We request you to kindly acknowledge the same.

Thanking you,

Sincerely,

For Allied Recycling Limited

Hitesh Abrol
(Director)

Encl: As Above

Regd. Office & Works : Budhewal Road, V.P.O. Budhewal, Ludhiana (Pb.)-141112

☎ 99141-16519, 97814-15519, 0161-2848535

✉ alliedrecyclinglimited@gmail.com 🌐 www.alliedgroup.in



॥ राम ॥

CIN : U27100PB2003PLC026583

ALLIED RECYCLING LIMITED

MFRS. OF : ALLOY & NON ALLOY STEEL BILLET, BLOOM & WIRE ROD

o/c

Date: 11.04.2025

To,
The Sarpanch,
Gram Panchayat
Village Budhewal, Tehsil Kum Kalan,
District Ludhiana, Punjab.

Subject: Regarding grant of Environmental Clearance to Steel Manufacturing Unit "Allied Recycling Limited" located at VPO Budhewal, Chandigarh Road, Tehsil Kum Kalan, District Ludhiana, Punjab

Respected Sir,

With reference to the above mentioned subject, we wish to inform you that Environmental Clearance for expansion has been granted to our project Steel Manufacturing Unit "Allied Recycling Limited" located at VPO Budhewal, Chandigarh Road, Tehsil Kum Kalan, District Ludhiana, Punjab vide EC Identification No. EC23A1010PB5514596N dated 20.03.2025 and copy of the same is attached along.

We request you to kindly acknowledge the same.

Thanking you,

Sincerely,

For Allied Recycling Limited

Hitesh Abrol

(Director)

Encl: As Above

Regd. Office & Works : Budhewal Road, V.P.O. Budhewal, Ludhiana (Pb.)-141112

☎ 99141-16519, 97814-15519, 0161-2848535

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Our Brochure
Click to Download

Call Us
+91-98141-00519

Email Us
info@alliedrecycling.in

Annexure 20

- HOME
- COMPANY ▾
- OUR PRODUCTS ▾
- INFRASTRUCTURE ▾
- QUALITY ▾
- VIRTUAL TOUR
- CONTACTS ▾
- Send Enquiry**



PDF

EC Letter Dated
20-03-2025

PDF

Period From
01.04.2024 to 30.06.2024

PDF

Period From
01.04.2024 to 30.09.2024

PDF

ARL FORM-V
31.03.2024

PDF

PDF

PDF

PDF

Annexure 21



Regarding six monthly compliance of M/s Allied Recycling Limited for period ending 30.09.2024

From Allied Recycling Limited <alliedrecyclinglimited@gmail.com>

Date Mon 25/11/2024 13:18

To ecompliance-nro@gov.in <ecompliance-nro@gov.in>; ronz.chd-mef@nic.in <ronz.chd-mef@nic.in>

Cc seiaapb2017@gmail.com <seiaapb2017@gmail.com>; eeroldh1.ppcb@punjab.gov.in <eeroldh1.ppcb@punjab.gov.in>; ppcb1@yahoo.com <ppcb1@yahoo.com>

1 attachment (9 MB)

SMC 30.09.2024.pdf;

Dear Sir,

Greetings of the day!!!

We are hereby submitting six-monthly compliance report for the period ending 30.09.2024 for the Steel Manufacturing Unit namely "M/s Allied Recycling Limited" located at Chandigarh Road, Village Budhewal, Tehsil Kum Kalan, Ludhiana, Punjab

Kindly acknowledge the receipt of the same.

Regards

M/s Allied Recycling Limited

(Hitesh Abrol)
Managing Director

॥ राम ॥

Allied Recycling Limited

Manufacturers of :
ALLOY & NON ALLOY STEEL BILLETS,
WIRE ROD & ROUND
CIN : U27100PB2003PLC026583



O/C

June 25, 2024

To

Environmental Engineer,
Punjab Pollution Control Board,
Regional Office-1, Ludhiana.

Sub: Submission of Annual Environmental Statement in FORM-V for the FY 2023-24.

Dear Sir,

Please find enclosed herewith Annual Environmental Statement in FORM-V for the Financial Year ended on 31st March, 2024.

Please acknowledge receipt.

Thanking you,
For Allied Recycling Limited

(Hitesh Abrol)
Managing Director



Recd (B) 28/6/2024

FORM-V

**ANNUAL ENVIRONMENTAL STATEMENT
(Rule 14 of The Environment Protection 1986)**

Environmental Statement for the financial year ending with 31st March 2024

PART-A

- i. Name and address of the owner occupier of the industry operation or process. : - Mr. Hitesh Abrol
Managing Director
Allied Recycling Limited,
VPO: Budhewal, Chd. Road,
Ludhiana – 141112.
- ii. Industry category Primary : - Red - Large
- iii. Production category : - Iron and Steel-Steel Billet & Wire Rod
- iv. Year of establishment : - 2004
- v. Date of the last environmental statement submitted. : - 22/06/2023

PART - B

Water and Raw Material Consumption:

i. Water consumption in m³ /d (@ 365 days / year)

| | |
|-----------|------------------------|
| Process: | 0 m ³ /day |
| Cooling: | 6 m ³ /day |
| Domestic: | 12 m ³ /day |

| Name of Products | Specific Water consumption per unit of products | |
|-----------------------------------|---|-------------------------------------|
| | During the financial year (2022-23) | During the financial year (2023-24) |
| Steel Billet (m ³ /MT) | 0.17 | 0.18 |
| Wire Rod (m ³ /MT) | 0.004 | 0.004 |

ii. Raw material consumption

| Name of raw materials | Name of Products | Consumption of raw material per unit of output | |
|---------------------------------|------------------|--|---|
| | | During the previous financial year (2022-23) | During the current financial year (2023-24) |
| Iron Scrap/ Sponge Iron (MT) | Steel Billet | 1.028 | 1.030 |
| Ferro Alloys (MT) | | 0.009 | 0.008 |
| Steel Billet (MT) | Wire Rod | 1.023 | 1.031 |



PART-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

a. Water Environment:

There is no Trade effluent generated from the process. Water is required for human consumption as well as for cooling of copper coils of the furnace crucible. Water requirements are met from own existing tube well. To meet with any contingency, overhead water tanks are constructed. Entire water from cooling process is re-circulated for which Water Recirculation Tanks are made and Cooling Towers are installed to arrest evaporation. There is no effluent discharge to outside the premises and hence no effluent samples were collected by PPCB during the period.

Sewage effluent generated is treated through septic tank and followed by irrigation to green belt.

b. Air Environment

i) Details of the Stack Emission from the Plant

The details of the average Stack Emission for the year 2023-24 are given under.

| Pollutants prescribed | Prescribed the Limits | Quantity of pollution Discharged (kg/day) | Con. of pollution in Discharged (mg/Nm ³) | % of variation from Prescribed Standardswith |
|-----------------------|-------------------------|---|---|--|
| SPM | 150 mg/ Nm ³ | 54.43 | 55 & 108* | Zero % variation |

(As per Air Analysis Report provided by PPCB. Samples of two stakes were collected taken on 24.01.2024)

PART-D HAZARDOUS WASTES

As specified under Hazardous and other Wastes (Management & Transboundary Movement) rules 2016

a. From Process

| Hazardous Wastes | Authorization Qty as per HWMR (KL/Annum) | Total Quantity (KL) | |
|------------------------|--|--|--|
| | | During the current financial year (2022-23) | During the current financial year (2023-24) |
| 5.1 - Used / Spent oil | 3.6 | 3.20 | 3.10 |

Used/spent oil is consumed in-house for lubrication of machines.

b. From Air Pollution Control Devices

| Hazardous Wastes | Authorization Qty as per HWMR (MT/Annum) | Total Quantity (MT) | |
|---|--|--|--|
| | | During the current financial year (2022-23) | During the current financial year (2023-24) |
| Schedule I 35.1-Exhaust Air or Gas cleaning residue | 10.50 | 8.874 | 19.867 |

Exhaust Air/Gas cleaning residue from Air pollution control Devices is collected and stored in Bags. The collected residue is disposed to PPCB's authorised recycler.



PART - E
SOLID WASTES: (Generation)

| Solid Wastes | Total Quantity (MT) Generation | |
|---|--|---|
| | During the previous financial year (2022-23) | During the current financial year (2023-24) |
| a. From Pollution Control Devices: | | |
| Schedule I 35.1-Exhaust Air or Gas cleaning residue | 8.874 | 19.867 |

PART - F

Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

| Sl. No. | Description of the Waste | Characteristics | Disposal Quantity (TPA) | Method of Disposal |
|------------------------|--|-----------------|-------------------------|---|
| Hazardous Waste | | | | |
| 1 | Schedule I 35.1-Exhaust Air or Gas cleaning residue. | Hazardous | 17.770 | Sent to PPCB authorized Recycler |
| 2 | Used / Spent oil (KL / Year) | Hazardous | 3.10 | Used/spent oil is consumed in-house for lubrication of machines. |

PART-G

Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production.

Most of the pollutants generated are controlled at source by Air pollution control Devices like Bag filters, Electro Static Precipitator and Water Sprinklers. Operation and Maintenance of pollution control equipment increases the manufacturing cost of Steel Billet. The solid waste (other than hazardous waste) is used for landfill and people in the vicinity of factory are allowed to lift solid waste for landfill.

PART - H

Additional measures / investment proposal for environmental protection including abatement of pollution.

- The Company has earmarked Rs.10.00 Lakh for upkeep of APCD's to be spent during the year 2024-25.
- Green belt to be further developed with about 800 saplings.



PART - I

MISCELLANEOUS

Any other particulars in respect of environmental protection and abatement of pollution.

Allied Recycling Limited has developed green belt to control the noise level and dust emission out of the boundary. Allied Recycling Limited is committed to improving the quality of life of the community. Our focus on all round improvement of the Community through our Corporate Social Responsibility (CSR) and CER. The company has a robust CSR policy with emphasis on areas like, Animal Welfare, Livelihood Initiatives, Education, Eradication of Hunger, Health Care, Child Welfare, Sports, Infrastructure and Environment. Our strong association with Stakeholders i.e. local leaders and partnership with NGO's helps us to understand the community needs and widen our reach. The Company has spent Rs. 14,95,000.00 under CSR & Rs. 28,000.00 donation to NGO's during the FY 2023-24. The Company has earmarked Rs. 19,00,000.00 to be spent under CSR and allied activities during the FY 2024-25.

For Allied Recycling Limited

Director



PUNJAB POLLUTION CONTROL BOARD

Zonal Office-I, E-648-B, Focal Point, Phase-5, Ludhiana

Website:- www.ppcb.gov.in

| | | |
|---|------------------------------|----------------------------------|
| Office Dispatch No : | Registered/Speed Post | Date: |
| Industry Registration ID: R12LDH123012 | | Application No : 13247664 |

To,
Vijay Abrol
H.no.773-b, Aggar Nagar, Ludhiana, 141002, Punjab, India
Ludhiana,Ludhiana-141012

Subject: Grant Varied 'Consent to Operate' u/s 21 of Air (Prevention & Control of Pollution) Act, 1981 for discharge of emissions arising out of premises.

With reference to your application for obtaining Varied 'Consent to Operate' u/s 21 of Air (Prevention & Control of Pollution) Act, 1981, you are hereby, authorized to operate an industrial unit for discharge of the emission(s) arising out of your premises subject to the Terms and Conditions as mentioned in this Certificate.

1. Particulars of Consent to Operate under Air Act, 1981 granted to the industry

| | |
|---|--|
| Consent to Operate Certificate No. | CTOA/Varied/LDH1/2020/13247664 |
| Date of issue : | 13/10/2020 |
| Date of expiry : | 30/06/2025 |
| Certificate Type : | Varied |
| Previous CTO No. & Validity : | CTOA/Varied/LDH1/2019/9849694 From:07/10/2019 To:30/06/2020 |

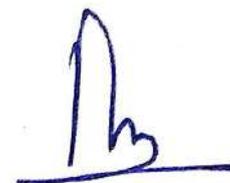
2. Particulars of the Industry

| | |
|--|---|
| Name & Designation of the Applicant | Vijay Abrol, (Director) |
| Address of Industrial premises | Allied Recycling Limited, Vpo: Budhewal, Chandigarh Road, Ludhiana East,Ludhiana I-141112 |
| Capital Investment of the Industry | 5432.92 lakhs |
| Category of Industry | Red |
| Type of Industry | Integrated Iron and Steel |
| Scale of the Industry | Large |
| Office District | Ludhiana I |
| Consent Fee Details | Rs. 4,20,000/- vide R no. 97115767 dated 24.07.2020 under Water Act, 1974. Rs. 4,20,000/- vide R no. 19411551 dated 24.07.2020 under Air Act, 1981. Adequate up to 30.06.2025 |

"This is computer generated document from OCMMS by PPCB"

Allied Recycling Limited,Vpo: Budhewal, Chandigarh Road,Ludhiana East,Ludhiana I,141112

| | |
|---|--|
| Raw Materials (Name with Quantity per day) | <i>IRON SCRAP/SPONGE IRON @ 388.5 Metric Tonnes/Day STEEL BILLET @ 373 Metric Tonnes/Day FERRO ALLOYS @ 4.000 Metric Tonnes/Day</i> |
| Products (Name with Quantity per day) | <i>WIRE ROD @ 360 Metric Tonnes/Day STEEL BILLET @ 378 Metric Tonnes/Day</i> |
| By-products, if any, (Name with Quantity per day) | <i>END CUTTING-BILLET @ 7.500 Metric Tonnes/Day END CUTTING-WIRE ROD @ 6.000 Metric Tonnes/Day</i> |
| Details of the machinery and process | <i>As per application form</i> |
| Quantity of fuel required (in TPD) and capacity of boilers/ Furnace/Thermo heater etc. | <i>ELECTRICITY with all induction furnaces Diesel @ 10 Ltr/day with 01 No. D.G set of capacity 500 KVA Diesel @ 05 Ltr/day with 01 No. D.G set of capacity 160 KVA</i> |
| Type of Air Pollution Control Devices to be installed | <i>Spark arrester followed by bag filter house as APCD with each induction furnace Canopy provided with D.G sets</i> |
| Stack height provided with each boiler/thermo heater/Furnace etc. | <i>Stack of height of 21.96 Mtr with Induction furnaces of capacity 05 ton/heat. Stack of height of 25.91 Mtr with Induction furnaces of capacity 05 ton/heat. Stack of height of 19.81 Mtr with Induction furnaces of capacity 05 ton/heat. Stack of height of 25.91 Mtr with Induction furnaces of capacity 06 ton/heat. Stack of height of 05 Mtr above roof level with 01 No. D.G set of capacity 500 KVA Stack of height of 03 Mtr above roof level with 01 No. D.G set of capacity 160 KVA</i> |
| Sources of emissions and type of pollutants | <i>03 no. electric Induction furnaces of capacity 05 ton/heat each. 01 no. electric Induction furnaces of capacity 06 ton/heat 01 No. D.G set of capacity 500 KVA 01 No. D.G set of capacity 160 KVA</i> |
| Standards to be achieved under Air(Prevention & Control of Pollution) Act, 1981 | <i>As prescribed by the Board/MoEF & CC, New Delhi</i> |



13/10/2020

(Ravinder Bhatti)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)

Endst. No.:

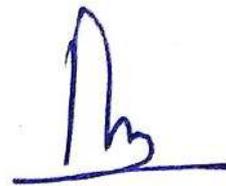
Dated:

A copy of the above is forwarded to the following for information and necessary action please:

"This is computer generated document from OCMMS by PPCB"

Allied Recycling Limited, Vpo: Budhewal, Chandigarh Road, Ludhiana East, Ludhiana I, 141112

Environmental Engineer, Punjab Pollution Control Board, Regional Office-1, Ludhiana for information and necessary action.



13/10/2020

(Ravinder Bhatti)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)



"This is computer generated document from OCMMS by PPCB"

Allied Recycling Limited, Vpo: Budhewal, Chandigarh Road, Ludhiana East, Ludhiana I, 141112

Page 3

TERMS AND CONDITIONS

A. GENERAL CONDITIONS

1. This consent is not valid for getting power load from the Punjab State Power Corporation Ltd. or for getting loan from the financial institutions.
2. The industry shall apply for renewal /extension of consent at least two months before expiry of the consent.
3. The industry shall not violate any of the norms prescribed under the Air (Prevention & Control of Pollution) Act, 1981, failing which, the consent shall be cancelled / revoked.
4. The achievement of adequacy and efficiency of the air pollution control devices installed shall be the entire responsibility of the industry
5. The authorized fuel being used shall not be changed without the prior written permission of the Board.
6. The industry shall not discharge any fugitive emissions. All gases shall be emitted through a stack of suitable height, as per the norms fixed by the Board from time to time.
7. The industry shall provide port-holes, platforms and/or other necessary facilities as may be required for collecting samples of emissions from any chimney, flue or duct or any other outlets.

Specifications of the port-holes shall be as under:-

- i) The sampling ports shall be provided atleast 8 times chimney diameter downstream and 2 times upstream from the flow disturbance. For a rectangular cross section the equivalent diameter (D_e) shall be calculated from the following equation to determine upstream, downstream distance:-
$$D_e = 2 LW / (L+W)$$

Where L= length in mts. W= Width in mts.
 - ii) The sampling port shall be 7 to 10 cm in diameter
8. The industry shall put display Board indicating environmental data in the prescribed format at the main entrance gate.
 9. The industry shall discharge all gases through a stack of minimum height as specified in the following standards laid down by the Board.

(i) Stack height for boiler plants

| S.NO. | Boiler with Steam Generating Capacity | Stack heights |
|-------|---------------------------------------|---|
| 1. | Less than 2 ton/hr. | 9 meters or 2.5 times the height of neighboring building which ever is more |
| 2. | More than 2 ton/hr. to 5 ton/hr. | 12 meters |
| 3. | More than 5 ton/hr. to 10 ton/hr | 15 meters |
| 4. | More than 10 ton/hr. to 15 ton/hr | 18 meters |
| 5. | More than 15 ton/hr. to 20 ton/hr | 21 meters |
| 6. | More than 20 ton/hr. to 25 ton/hr. | 24 meters |
| 7. | More than 25 ton/hr. to 30 ton/hr. | 27 meters |
| 8. | More than 30 ton/hr. | 30 meters or using the formula $H = 14 Q_g^{0.3}$ or $H = 74 (Q_p)^{0.24}$ Where Q_g = Quantity of SO ₂ in Kg/hr. Q_p = Quantity of particulate matter in Ton/day. |

Note : Minimum Stack height in all cases shall be 9.0 mtr. or as calculated from relevant formula whichever is more.

(ii) For industrial furnaces and kilns, the criteria for selection of stack height would be based on fuel used for the corresponding steam generation.

(iii) Stack height for diesel generating sets:

| Capacity of diesel generating set | Height of the Stack | |
|-----------------------------------|------------------------|-----------|
| 0-50 KVA | Height of the building | + 1.5 mt |
| 50-100 KVA | -do- | + 2.0 mt. |
| 100-150 KVA | -do- | + 2.5 mt. |
| 150-200 KVA | -do- | + 3.0 mt. |
| 200-250 KVA | -do- | + 3.5 mt. |
| 250-300 KVA | -do- | + 3.5 mt. |

For higher KVA rating stack height H (in meter) shall be worked out according to the formula:

$$H = h + 0.2 (KVA)^{0.5}$$

where h = height of the building in meters where the generator set is installed.

10. The pollution control devices shall be interlocked with the manufacturing process of the industry to ensure its regular operation.
11. The existing pollution control equipment shall be altered or replaced in accordance with the directions of the Board, and no pollution control equipment or chimney shall be altered or as the case may be erected or re-erected except with the prior approval of the Board.
12. The industry will provide canopy and adequate stack with the D.G sets so as to comply with the provision of notification No GSR-371 E dated 17-5-2002(amended from time to time) issued by MOEF under Environment (Protection) Act, 1986.
13. The Govt. of Punjab, Department of Science, Technology & Environment vide its notification no.4/46/92-3ST/2839 dt. 29/12/1993 has put prohibition on the use of rice husk as fuel after 1.4.1995 except the following:-
In the form of briquettes and use of rice husk in fluidized bed combustion. So the industry shall make the necessary arrangement to comply with the above notification.
14. The industry shall submit balance sheet of every financial year to the concerned Regional Office by 30th June of every year
15. That the industry shall submit a yearly certificate to the effect that no addition / up-gradation/ modification/ modernization has been carried out during the previous year otherwise the industry shall apply for the varied consent.
16.
 - a) The industry shall ensure that at any time the emission do not exceed the prescribed emissions standards laid down by the Board from time to time for such type of industry /emissions.
 - b) The industry shall ensure that the emissions from each stack shall conform to the following emission standards laid down by the Board in respect of the Industrial Boilers.

| Steam Generating capacity A. | Required particulate matter B. | |
|---|--------------------------------|-------------|
| <i>Area upto 5 Km from Other than 'A' class Other than the periphery of I and Class-II town</i> | | |
| <i>Less than 2 ton/hr.</i> | 800 mg/NM3 | 1200 mg/NM3 |
| <i>2 ton to 10 ton/hr.</i> | 500 mg/NM3 | 1000 mg/NM3 |
| <i>Above 10 ton to 15 ton/hr</i> | 350 mg/NM3 | 500 mg/NM3 |
| <i>Above 15 ton/hr</i> | 150 mg/NM3 | 150 mg/NM3 |

All emissions normalized to 12% carbon dioxide.

17. The industry shall ensure that the Hazardous Wastes generated from the premises are handled as per the provisions of the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008, without any adverse effect on the environment, in any manner.
18. The air pollution control equipments shall be kept at all time in good running condition and;

- (i) All failures of control equipments.
 - (ii) The emissions of any air pollutant into the atmosphere in excess of the standards lay down by the Board occurring or being apprehended to occur due to accident or other unforeseen act or event. 'Shall be intimated through fax to the concerned Regional Office as well as to the Director of Factories, Punjab, Chandigarh as required under rule 10 of the Punjab State Board for the Prevention and Control of Air Pollution Rules, 1983'.
19. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per hectare all along the boundary of the industrial premises.
 20. The industry shall submit a site emergency plan approved by the Chief Inspector of Factories, Punjab as applicable.
 21. The industry shall comply with the conditions imposed by the SEIAA/MOEF in the Environmental Clearance granted to it as required under EIA notification dated 14/9/06, if applicable.
 22. The industry shall make necessary arrangements for the monitoring of stack emissions and shall get its emissions analyzed from lab approved / authorized by the Board:-
 - (i) Once in Year for Small Scale Industries.
 - (ii) Twice/thrice/four time in a Year for Large/Medium Scale Industries.
 23. The industry shall maintain the following record to the satisfaction of the Board :-
 - (i) Log books for running of air pollution control devices or pumps/motors used for it.
 - (ii) Register showing the result of various tests conducted by the industry for monitoring of stack emissions and ambient air.
 - (iii) Register showing the stock of absorbents and other chemicals to be used for scrubbers.
 24. The industry will install the separate energy meter for running pollution control devices and shall maintain record with respect to operation of air pollution control device so as to satisfy the Board regarding the regular operation of air pollution control device and monthly reading / record may be sent to the Board by the fifth of the following month.
 25. The industry shall provide online monitoring system as applicable, for in stack emission and shall maintain the record of the same for inspection of the Board Officers.
 26. The Board reserves the right to revoke the consent granted to the industry at any time, in case the industry is found violating the provisions of Air (Prevention & Control of Pollution) Act, 1981 as amended from time to time.
 27. The industry shall comply with any other conditions laid down or directions issued in due course by the Board under the provisions of the Air (Prevention & Control of Pollution) Act, 1981.
 28. Nothing in this consent shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected to under this or any other Act.
 29. Any amendments/revisions made by the Board/CPCB/MOEF in the emission/stack height standards shall be applicable to the industry from the date of such amendments/revisions.
 30. The industry shall dispose off its solid waste generated by the burning of fuel in an Environmentally Sound Manner within the premises/outside as approved by the Board, to avoid public nuisance and air pollution problem in the area.
 31. The industry shall ensure that no air pollution problem or public nuisance is created in the area due to the discharge of emissions from the industry.
 32. The industry shall provide adequate arrangement for fighting the accidental leakage/discharge of any air pollutant/gas/ liquids from the vessels, mechanical equipment's etc, which are likely to cause environmental pollution.
 33. The industry shall not change or alter the manufacturing process(es) and fuel so as to change the quality/quantity of emissions generated without the prior permission of the Board.
 34. The industry shall earmark a land within their premises for disposal of boiler ash in an environmentally sound manner, and / or the industry shall make necessary arrangements for proper disposal of fuel ash in a scientific manner and shall maintain proper record for the same, if applicable.
 35. The industry shall obtain and submit Insurance cover under the Public Liability Insurance Act, 1991.
 36. The industry shall provide proper and adequate air pollution control arrangements for control emission from its fuel handling area, if applicable.

37. The industry shall comply with the code of practice as notified by the Government/Board for the type of industries where the siting guidelines / Code of Practice have been notified.
38. The industry shall not cause any nuisance/traffic hazard in vicinity of the area
39. The industry shall ensure that the noise & air emission from D.G. sets do not exceed the standards prescribed for D.G. sets by the Ministry of Environment & Forests, New Delhi.
40. The industry shall ensure that there will not be significant visible dust emissions beyond the property line
41. The industry shall provide adequate and appropriate air pollution control devices to contain emissions from handling, transportation and processing of raw material & product of the industry.
42. The Industry shall ensure that its production capacity does not exceed the capacity mentioned in the consent and shall not carry out any expansion without the prior permission / NOC of the Board.

B. SPECIAL CONDITIONS

1. The industry shall appoint dedicated staff for operation / maintenance of APCD's / collection system.
2. The industry shall implement the Standard Operating Procedures (SOPs) prepared by Punjab State Council for Science & Technology for APCD in toto so as to achieve the prescribed standards on a regular basis.



A handwritten signature in blue ink, appearing to read 'Ravinder Bhatti', is positioned to the right of the logo. The signature is written in a cursive style.

13/10/2020

(Ravinder Bhatti)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)



PUNJAB POLLUTION CONTROL BOARD

Zonal Office-I, E-648-B, Focal Point, Phase-5, Ludhiana

Website:- www.ppcb.gov.in

Office Dispatch No :

Registered/Speed Post

Date:

Industry Registration ID: R12LDH123012

Application No : 13249336

To,

Vijay Abrol
H.no.773-b, Aggar Nagar, Ludhiana, 141002, Punjab, India
Ludhiana,Ludhiana-141012

Subject: Grant Varied 'Consent to Operate'an outlet u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974 for discharge of effluent.

With reference to your application for obtaining Varied i½Consent to Operatei½an outlet for discharge of the effluent u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974, you are, hereby, authorized to operate an industrial unit fordischarge of the effluent(s) arising out of your premises subject to the Terms and Conditions as mentioned in this Certificate

1. Particulars of Consent to Operate under Water Act, 1974 granted to the industry

| | |
|------------------------------------|---|
| Consent to Operate Certificate No. | CTOW/Varied/LDH1/2020/13249336 |
| Date of issue : | 05/10/2020 |
| Date of expiry : | 30/06/2025 |
| Certificate Type : | Varied |
| Previous CTO No. & Validity : | CTE/Exp/LDH1/2020/12101474 From:20/07/2020 To:19/07/2021 |

2. Particulars of the Industry

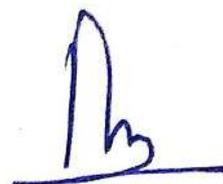
| | |
|---|---|
| Name & Designation of the Applicant | Vijay Abrol, (Director) |
| Address of Industrial premises | Allied Recycling Limited, Vpo: Budhewal, Chandigarh Road, Ludhiana East,Ludhiana I-141112 |
| Capital Investment of the Industry | 5432.92 lakhs |
| Category of Industry | Red |
| Type of Industry | Integrated Iron and Steel |
| Scale of the Industry | Large |
| Office District | Ludhiana I |
| Consent Fee Details | Rs. 4,20,000/- vide R no. 97115767 dated 24.07.2020 under Water Act, 1974. Rs. 4,20,000/- vide R no. 19411551 dated 24.07.2020 under Air Act, 1981. Adequate up to 30.06.2025 |
| Raw Materials(Name with quantity per day) | IRON SCRAP/SPONGE IRON @ 388.5 Metric Tonnes/Day FERRO ALLOYS @ 4.000 Metric Tonnes/Day STEEL BILLET @ 373 Metric Tonnes/Day |

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Allied Recycling Limited,Vpo: Budhewal, Chandigarh Road,Ludhiana East,Ludhiana I,141112

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| | |
|--|--|
| Products (Name with quantity per day) | <i>STEEL BILLET @ 378 Metric Tonnes/Day WIRE ROD @ 360 Metric Tonnes/Day</i> |
| By-Products, if any,(Name with quantity per day) | <i>END CUTTING-BILLET @ 7.500 Metric Tonnes/Day END CUTTING-WIRE ROD @ 6.000 Metric Tonnes/Day</i> |
| Details of the machinery and processes | <i>As per application form</i> |
| Details of the Effluent Treatment Plant | <i>There is no generation of any trade effluent, hence ETP not required</i> |
| Mode of Disposal | <i>Domestic Effluent @ 10.0 KLD- Onto land for plantation after septic tank</i> |
| Standards to be achieved under Water(Prevention & Control of Pollution) Act, 1974 | <i>As prescribed by the Board/MoEF & CC, New Delhi</i> |



05/10/2020

(Ravinder Bhatti)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)

Endst. No.:

Dated:

A copy of the above is forwarded to the following for information and necessary action please:

Environmental Engineer, Punjab Pollution Control Board, Regional Office-1, Ludhiana for information and necessary action.



05/10/2020

(Ravinder Bhatti)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)

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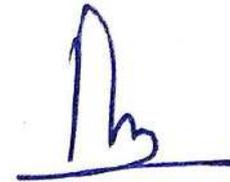
TERMS AND CONDITIONS

A. GENERAL CONDITIONS

1. This consent is not valid for getting power load from the Punjab State Power Corporation Limited or for getting loan from the financial institutions.
2. The industry shall apply for renewal/further extension in validity of consent atleast two months before expiry of the consent.
3. The industry shall ensure that the effluent discharging through the authorized outlet shall confirm to the prescribed standards as applicable from time to time.
4. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per hectare all along the boundary of the industrial premises.
5. The achievement of the adequacy and efficiency of the effluent treatment plant/pollution control devices/recirculation system installed shall be the entire responsibility of the industry.
6. The industry shall ensure that the Hazardous Wastes generated from the premises are handled as per the provisions of the Hazardous Wastes(Management, Handling and Trans boundary Movement) Rules, 2008 as amended time to time , without any adverse effect on the environment, in any manner
7. The responsibility to monitor the effluent discharged from the authorized outlet and to maintain a record of the same rests with the industry. The Board shall only test check the accuracy of these reports for which the industry shall deposit the samples collection and testing fee with the Board as and when required.
8. The industry shall submit balance sheet of every financial year to the concerned Regional Office by 30th June of every year.
9. The industry shall submit a yearly certificate to the effect that no addition/up-gradation/ modification/modernization has been carried out during the previous year otherwise the industry shall apply for the varied consent.
10. During the period beginning from the date of issuance and the date of expiration of this consent, the applicant shall not discharge floating solids or visible foam.
11. Any amendments/revisions made by the Board in the tolerance limits for discharges shall be applicable to the industry from the date of such amendments/revisions.
12. The industry shall not change or alter the manufacturing process(es) so as to change the quality and/or quantity of the effluents generated without the written permission of the Board.
13. Any upset conditions in the plant/plants of the factory, which is likely to result in increased effluent and/or result in violation of the standards lay down by the Board shall be reported to the Environmental Engineer, Punjab Pollution Control Board of concerned Regional Office immediately failing which any stoppage and upset conditions that come to the notice of the Board/its officers, will be deemed to be intentional violation of the conditions of consent.
14. The industry shall provide terminal manhole(s) at the end of each collection system and a manhole upstream of final outlet (s) out of the premises of the industry for measurement of flow and for taking samples.
15. The industry shall for the purpose of measuring and recording the quantity of water consumed and effluent discharged, affix meters of such standards and at such places as approved by the Environmental Engineer, Punjab Pollution Control Board of the concerned Regional Office.
16. The industry shall maintain record regarding the operation of effluent treatment plant i.e. record of quantity of chemicals and energy utilized for treatment and sludge generated from treatment so as to satisfy the Board regarding regular and proper operation of pollution control equipment.
17. The industry shall provide online monitoring equipment^{1/2}s for the parameters as decided by concerned Regional Office with the effluent treatment plant/air pollution control devices installed, if applicable.
18. The pollution control devices shall be interlocked with the manufacturing process of the industry.
19. The authorized outlet and mode of disposal shall not be changed without the prior written permission of the Board.
20. The industry shall comply with the conditions imposed by the SEIAA / MOEF in the environmental clearance granted to it as required under EIA notification dated 14/9/06, if applicable.
21. The industry shall obtain and submit Insurance cover as required under the Public Liability Insurance Act, 1991.
22. The industry shall not use any unauthorized out-let(s) for discharging effluents from its premises. All unauthorized outlets, if any, shall be connected to the authorized outlet within one month from the date of issue of this consent.

23. The industry shall make necessary arrangements for the monitoring of effluent being discharged by the industry and shall monitor its effluents:-
 - (i) Once in Year for Small Scale Industries.
 - (ii) Four in a Year for Large/Medium Scale Industries.
 - (iii) The industry will submit monthly reading/ data of the separate energy meter installed for running of effluent treatment plant/re-circulation system to the concerned Regional Office of the Board by the 5th of the following month.
24. The industry shall provide electromagnetic flow meters at the source of water supply, at inlet/outlet of effluent treatment plant within one month and shall maintain the record of the daily reading and submit the same to the concerned Regional Office by the 5th of the following month.
25. The Board reserves the right to revoke this consent at any time in case the industry is found violating any of the conditions of this consent and/or the provisions of Water (Prevention & Control of Pollution) Act, 1974 as amended from time to time.
26. The issuance of this consent does not convey any property right in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local Laws or Regulations.
27. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse.
28. Nothing in this consent shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected under this or any other Act.
29. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of septic tank.
30. The diversion or bye pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this consent is prohibited except.
 - (i) Where unavoidable to prevent loss of life or some property damage or
 - (ii) Where excessive storm drainage or run off would damage facilities necessary for compliance with terms and conditions of this consent. The applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.
31. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises.
32. The industry shall comply with the code of practice as notified by the Government/ Board for the type of industries where the siting guidelines/ code of practice have been notified.
33. Solids, sludge, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed off in such a manner to prevent any pollutants from such materials from entering into natural water.
34. The industry shall re-circulate the entire cooling water and shall also re-circulate/reuse to the maximum extent the treated effluent in processes
35. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of re-circulation system/ effluent treatment plant.
36. The industry shall make proper disposal of the effluent so as to ensure that no stagnation occurs inside and outside the industrial premises during rainy season and no demand period.
37. Where excessive storm water drainage or run off, would damage facilities necessary for compliance with terms and conditions of this consent, the applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.
38. The industry shall submit a detailed plan showing therein the distribution system for conveying waste-water for application on land for irrigation along with the crop pattern for the year.
39. The industry shall ensure that the effluent discharged by it is toxicity free.
40. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.
41. Drains causing oil & grease contamination shall will be segregated. Oil & grease trap shall be provided to recover oil & grease from the effluent.

42. The industry shall establish sufficient number of piezometer wells in consultation with the concerned Regional Office, of the Board to monitor the impact on the Ground Water Quantity due to the industrial operations, and the monitoring shall be submitted to the Environmental Engineer of the concerned Regional Office by the 5th of every month.
43. The industry shall ensure that its production capacity & quantity of trade effluent do not exceed the quantity mentioned in the consent and shall not carry out any expansion without the prior permission/NOC of the Board.



05/10/2020

(Ravinder Bhatti)
Environmental Engineer

For & on behalf
of

(Punjab Pollution Control Board)

