



The Deputy Director-General of Forests (Central),
Directorate of Environment, Forest & Climate Change,
Integrated Regional office, Bays No.24-25,
Sector 31-A, Dakshin Marg, Chandigarh- 160 030

E&P/LDH/ 00398 /2025
25th Nov 2025

Subject: - Submission of half-yearly compliance report on the stipulated environmental clearance terms and conditions in respect of 0.75 million tons per annum (MTPA) of crude Steel Production through EAF at Industrial Plot A-1, Kadiana Khurd Village (Adjacent to Hi-Tech Cycle Valley), Ludhiana East Tehsil, Ludhiana District, Punjab by M/s Tata Steel Limited for April'25 to September'2025.

Reference: - Environment Clearance Identification No. EC23B008PB183863, issue on dated 10/08/2023.

Sir,

Kindly find enclosed Six-Monthly Compliance Report for the period from April'25 to September'2025. for the conditions stipulated in Environmental Clearance of 0.75 Million Tonnes Per Annum (MTPA) of Crude Steel Production Through EAF at Industrial Plot A-1, Kadiana Khurd Village (Adjacent to Hi-Tech Cycle Valley), Ludhiana East Tehsil, Ludhiana District, Punjab by M/s Tata Steel Limited for your kind considerations.

The copy of above compliance report also being sent in soft format through e-mail (seacpb2017@gmail.com) & (seiaapb2017@gmail.com) for kind perusal. Also copy of compliance report being uploaded on MOEF&CC Parivesh Portal.

We trust the information furnished is in line with your requirement.

Thanking you,
Yours sincerely,

David William Augustine
Chief, Ludhiana Project
Email - da.william@tatasteel.com
Mob - +91 620 790 1838

Encl: As above

Copy To:

- 1) The Member Secretary, State Pollution Control Board,
- 2) The Regional Officer, Ludhiana-1, State Pollution Control Board. Ludhiana.

TATA STEEL LIMITED

C 44-47, Phase 2, Focal Point, Ludhiana, Punjab, 141 010
Registered Office: Bombay House, 24 Horni Mody Street, Fort Mumbai 400 001 India
Tel 91 22 6665 8282 Fax 91 22 6665 7724 Website www.tatasteel.com
Corporate Identity Number L27100MH1907PLC000260

| S.no | Terms & Conditions | Compliance Status |
|----------|---|---|
| 1 | Statutory compliance- | |
| a | The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project | Not applicable , as no forest land is part of the project. |
| b | The project proponent shall obtain clearance from the National Board for Wildlife, if applicable. | Not applicable , as area covered under the wildlife (Protection) Act 1972 is not involved in the project. |
| c | The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area) | Not applicable , as there is no schedule-I species present in the study area. |
| d | The project proponent shall obtain Consent to Establish/ Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned Punjab Pollution Control Board | Complied. Consent to Establish has been obtained from Punjab State Pollution Control Board via letter number – PBIP/PPCB/E-3/63111/2023/1, dated 30.10.2023. CTE copy attached as annexure 1 . |
| e | The project proponent shall obtain the necessary permission from the Central Ground Water Authority/competent authority concerned, in case of drawl of groundwater and also in case of drawl of surface water required for the project. In case of non-grant of permission by CGWA for ground water abstraction, the industry shall make alternative arrangements by using surface water or treated city sewage effluent after obtaining permission from the competent authority. | Complied. 1. Groundwater NOC has been obtained from Punjab Water Resource Development Authority vide permission number – PWRDA/1/06/2023/L3/67, Dated 20.06.2. Copy attached as annexure-2 . 2. We had also made agreement with PSIEC to supply surface water from reservoir which is developed in Hi Tech valley. Copy attached as annexure-3 |
| f | The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time. | Shall be Complied. Hazardous waste authorization shall be obtained along with CTO. |
| g | The project proponent shall comply with the siting criteria, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of units. | Shall be complied. Agreed to comply such criteria. |
| h. | The project proponent shall comply with the CLU conditions imposed by the competent authority, if any. | Complied. Industrial land plot no-A-1 have been obtained from Punjab Small Industries & Export Corporation who already complied CLU conditions. |

| S.no | Conditions | Compliance Status |
|----------|--|--|
| 2 | Air quality monitoring and preservation | |
| A | The project proponent shall install 24x7 continuous emission monitoring system at the inlet as well as at the outlet (stack) of each APCD to monitor the SPM concentration with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and 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 | Shall be Complied. Continuous Emission Monitoring System (CEMS) is being installed at inlet as well as outlet of stack attached with APCD. Connectivity will be provided when plant start the operation. |
| B | 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. | Complied. Fugitive emission in plant premises is being monitored by NABL approved third party laboratory. Report attached as annexure 4 . |
| C | The project proponent shall install a system to carry out Manual Ambient Air Quality monitoring for 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 (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions. | Complied. Ambient air quality monitoring within and outside the plant premises is being done as recommended by board. Report attached as annexure 4 . |
| D | The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/ fugitive emissions to the Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report. | Shall be Complied. Monthly summary report shall be submitted along with compliance report after plant get operational. |
| E | Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources | Shall be Complied. Common Fume Treatment Plant is being installed to control emission from dust generating points. |
| D | The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags | Complied. Bag filter has been installed, equipment's with a broken bag detection system to identify any leakage and plus jet system for cleaning of bags. |
| E | Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, etc. regularly | Shall be Complied. Mobile and stationary cleaning equipment's (Such as: Vacuum cleaners, water Sprinklers) shall be provided to maintain the plant housekeeping during plant operation. |

| | | |
|---|---|--|
| F | Recycle and reuse of iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/agglomeration should be ensured. | Shall be Complied. We will dispose off through co-processing/recycler/ TSDF facilities during operation. |
| G | The project proponent shall use leak-proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin. | Shall be Complied. |
| H | The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc. | Shall be Complied. We will make arrangement to cover the raw materials i.e., Ferroalloys, lime, dolomite in plant premises. |
| I | The project proponent shall provide primary and secondary fume extraction system at all melting furnaces. | Shall be Complied. Fumes treatment plant has been ordered, and installation is in progress with provision to connect with primary & secondary point of furnace. |
| J | Design and implementation of the ventilation system for adequate air changes as per the ACGIH document for all tunnels, motor houses, Oil Cellars should be ensured. | Shall be Complied. We have provision to provide good air circulation facility in shed to maintain the good working condition. |
| 3 | Water quality monitoring and preservation | |
| A | 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. | Complied. We have started the ground water monitoring through third party NABL approved laboratory in plant as well as nearby village area. Monitoring report attached as annexure-4 for your kind reference. We have installed piezometer in plant area to monitor ground water table. |
| B | Garland drains and collection pits shall be provided for each stockpile to arrest the runoff in the event of heavy rains and to check the water pollution due to surface run off. | Shall be Complied. We will consider making garland drain and collection pit around stockpile area. |
| C | The project proponent shall practice rainwater harvesting to the maximum possible extent. As an additional safety measure, the stream carrying waste water of the village shall be diverted in one corner of Phytoid plants trench (designed based on the technology developed by CSIR-NEERI's) divided into different parts, the overflow of each chamber shall be allowed to enter into another chamber which will ultimately lead to the purification of water and collected into the pond to avoid any contamination of ground water aquifer. Pond water will percolate through natural strata (without injection) to augment the ground water and remaining water shall be used for irrigation purposes by pumping method in the nearby fields | Shall be Complied. |
| D | The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water. | Shall be Complied. We will install CETP & Raw water treatment plant to recycle and reuse of water to minimize the water intake. |

| | | |
|----------|---|---|
| 4 | Noise monitoring and prevention | |
| A | Noise level survey shall be carried as per the prescribed guidelines and the report in this regard shall be submitted to the Regional Officer of the Ministry as a part of six-monthly compliance report | Complied. Noise survey has been conducted through third party. Technical discussion is under progress. |
| B | The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during daytime and 70 dB(A) during nighttime. | Complied. We have conducted ambient noise level monitoring in plant area and report have been attached as annexure-4 . |
| 5 | Energy Conservation measures | |
| A | The project proponent shall practice hot charging of slabs and billets/blooms as far as possible. | Shall be Complied. We had opted endless casting and rolling technology, hot billets will be directly fed to rolling process. |
| B | The project proponent shall provide solar power generation on rooftops of buildings, solar light system for all common areas, streetlights, parking around project area and maintain the same regularly | Shall be Complied. We will make provision to install solar streetlight in plant area for illumination. |
| C | The project proponent shall provide LED lights in their offices and residential areas | Complied. We had installed LED lights in our office area. |
| 6 | Waste management | |
| A | Used refractories shall be recycled as far as possible | Shall be Complied. We will make arrangement to recycle the used refractory through approved vendor. |
| B | 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 | Not Applicable. Fly ash shall not be generated by industries. |
| C | The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016 | Shall be Complied. All hazardous waste generated during plant operation will be disposed off as per prescribed norms. |
| D | Kitchen waste shall be composted or converted to biogas for further use. | Shall be Complied. We will install Compost machine to convert all organic waste to compost. |
| 7 | Green Belt | |
| A | Green belt shall be developed in an area of 15.36 ha (equal to 33% of the plant area) with native tree species in accordance with SEIAA guidelines. Total 24000 tall saplings (minimum 6 feet height) of indigenous species such as Tun, Amaltas, Mulberry, Arjun, Jamun, Uttranjeeva, Kachnar etc. will be planted by September, 2025. | Shall be Complied. We have planted 12000 three-layer saplings along with plant boundary as per SEIAA guidelines and balance plantation activities will be carried out in upcoming monsoon. Photograph of Saplings Attached as annexure-5 for your kind reference. |

| | | |
|----------|--|---|
| | | We have obtained 02 years extension from SEIAA Punjab for completing remaining saplings plantation. The extension approval letter attached as annexure-6 for your kind reference. |
| 8 | Public hearing and Human health issues | |
| A | Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented | Shall be Complied. Agreed and plan will be prepared and implemented during installation & commissioning of plant. |
| B | 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 of Factory Act | Shall be Complied. Agreed and plan will be prepared and implemented during installation & commissioning of plant. |
| C | 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 | Not applicable. There are no housing facilities to be constructed inside of plant boundary. |
| D | Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act. | Being Complied. We are monitoring the health condition of workers who are involved in project construction and record is being maintained. |
| E | The project proponent shall carry out the activities apart from CER activities and spent an amount as commuted during the public hearing as per the public hearing action plan | Being complied. We have started the work as per public hearing action plan which was submitted during EC process to SEIAA. The compliance along with status report attached as annexure 7 . |
| 9 | Environment Management Plan | |
| A | The company shall have a well laid down environmental policy duly approved 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 to all / 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. | Complied. Environmental Policy of Tata Steel Limited is applicable for all location. Policy Attached as Annexure- 8 . |
| B | 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 report to the head of the organization | Complied. An Environmental Management Cell (EMC) has been formed, which is responsible for monitoring EMP and its implementation. Sr. Manager Environment is looking after environmental management at project site |

Six Monthly Compliance Report to the Terms of Conditions of Environmental Clearance granted in favour Tata Steel limited at Industrial Plot A-1, adjacent to Hi-Tech Valley, village-Kadian khurd, Tehsil-Ludhiana (East), Distt. - Ludhiana, Punjab, for Oct'24 to March'2025.

Environment Clearance Identification No. EC23B008PB183863, issue on dated 10th Aug 2023.

| | | |
|----|---|--|
| | | who reports to project in-charge (Ludhiana Project) and Head (Environment) at corporate level. |
| C | Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and will not be diverted for any other purpose. The project proponent shall spend a minimum amount of Rs 138.56 Crore towards the capital cost and Rs 5.48 Crores/annum towards recurring cost including the environmental monitoring cost for the implementation of EMP as proposed in application proposal | Shall be Complied. We will adhere the EMP budget incorporated in EIA report and fund will not get diverted to any other purpose. |
| D | Year-wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report along with the Six-Monthly Compliance Report. | Shall be Complied. |
| E | Self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out. | Shall be Complied. We will conduct environmental audit after plant operation, and report shall be submitted along with compliance report. |
| F | All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented | Shall be Complied. We will implement all the applicable recommendation of CREP in project. |
| 10 | Validity | |
| A | This environmental clearance will be valid for a period of ten years from the date of its issue or till the completion of the project, whichever is earlier | Agreed. |
| 11 | Miscellaneous | |
| A | 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 within seven days and in addition, this shall also be displayed in the project proponent's website permanently | Complied. Environmental Clearance along with configuration & environmental safeguard has been published on 18 th August 2023 in Hindustan times in English and Punjabi Jagran in Punjabi language. And displayed on company website. |
| B | 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. | Complied. Environmental Clearance copy has been submitted at all concern Government office with our letter no – E&P/LDH/27/2023 dated 6 th September 2023. Copy attached as annexure-9 . |
| C | 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 | Complied. We have uploaded the half yearly EC compliance on company website https://www.tatasteel.com/corporate/our-organisation/environment/environment- |

| | | |
|----|--|--|
| | | <u>compliance-reports/</u> . Screen shot of the same is attached as Annexure-10 for your ready reference. |
| D | 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 | Shall be Complied. We have installed AAQMS and CEMS installation is ongoing. Data will be displayed at convenient location for disclosure to the public and put on the website of the company. |
| E | 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. | Complied. Compliance condition uploaded on Ministry of Environment, Forest, and Climate Change website Parivesh portal on dated 30.05.2025 with Compliance No - EC/COMPLIANCE//2025. |
| F | 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. | Shall be Complied. We will submit after plant get operational. |
| G | The project proponent shall inform the Regional Office of the Ministry and PPCB, 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. | Shall be Complied. We will intimate and get all applicable permission from regulatory authority before start of production. |
| H | The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government | Agreed & complied. |
| I | 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 SEAC and SEIAA | Shall be Complied. |
| J | No further expansion or modifications in the project shall be carried out other than those permitted in this EC without prior approval of SEIAA. In case of deviation or alterations in the project proposal from those submitted to the Ministry/SEIAA for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any | Agreed. |
| K | The Regional Office, MoEF&CC, Chandigarh, Punjab Pollution Control Board and SEIAA/ SEAC members nominated for the purpose shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) entrusted with this monitoring by furnishing the requisite data/ information/monitoring reports | Agreed. |
| 12 | Additional Conditions | |

| | | |
|---|---|--|
| A | The project proponent shall submit the progress of developing the green belt in the six-monthly compliance report | Being Complied. We are submitting the tree plantation progress report along with compliance report. Report attached as annexure - 5 |
| B | The Project Proponent shall install online monitoring system at inlet as well as at the outlet of each APCD for monitoring SPM | Shall be Complied. Continuous Emission Monitoring System (CEMS) is being installed at inlet as well as outlet of stack attached with APCD. Connectivity will be provided when plant start the operation. |
| C | The Project Proponent shall submit compliance of the action plan proposed to address the public hearing issues along with the six-monthly compliance report of EC condition on Parivesh portal | Complied. Submitting herewith as annexure-11 . |
| D | The project proponent will submit the revised EIA report incorporating the aforementioned observations of SEIAA within 60 days of grant of EC. | Complied, Revised EIA report has been submitted on dated 09.10.2023 with our letter no-E&P/LDH/0032/2023. |
| E | The project proponent will plant 24000 tall plants of indigenous tree species with minimum 8 feet height and at least 2 inches girth at collar height in 15.36 ha area (33% of total project area). Plantation should be completed by September 2025. | Shall be Complied. We have planted 12000 three-layer saplings along with plant boundary as per SEIAA guidelines and balance plantation activities will be carried out in upcoming monsoon. Photograph of Saplings Attached as annexure-5 for your kind reference. We have obtained 02 years extension from SEIAA Punjab for completing remaining saplings plantation. The extension approval letter attached as annexure-6 for your kind reference. |
| F | The project proponent will submit the detailed plan for implementing AEA activities at a cost of Rs 25.9 crores within 60 days of grant of EC. The details of the activities selected expenditure to be incurred thereon, and timelines of implementation (maximum 5 years) should be clearly specified in the plan | Complied. AEA cost of 25.9 crore has been submitted along with revised EIA report on dated 09.10.2023. Copy attached as annexure-12 . |
| G | The EC granted is liable to be suspended in case of failure to comply with decisions at S. No.'s d to f above. | Complied. |



(Signature)

Chief – Ludhiana Project
Tata Steel limited



Office Dispatch No.: PBIP/PPCB/E-I/631111/2023/1

Date: 29/08/2023

To

CHANAKYA CHAUDHARY
TATA STEEL , CORPORATE CENTRE
LUDHIANA, LUDHIANA-EAST - 831001

Subject:- Grant of "Consent to Establish"(NOC) for an industrial plants u/s 25 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981.

With reference to your application for obtaining fresh 'Consent to Establish'(NOC) an industrial plants u/s 25 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981, you are, hereby, permitted to establish the industrial plant to discharge the effluent(s) & emission(s) arising out of your premises subject to the Terms and Conditions as specified in this Certificate.

1. Particulars of Consent to Establish (NOC) granted to the Industry:

| | |
|-------------------|---------------------------------------|
| PIN | 220328213 |
| Application No.: | 2306819938 |
| Date of Issue: | 29-Aug-2023 |
| Date of Expiry: | 24-Jul-2028 |
| Certificate Type: | Fresh |
| Certificate No: | CTE/Fresh/LDH-I/PBIP/2023/ 2306819938 |

2. Particulars of the Industry:

| | |
|---|---|
| Name & Designation of the Applicant: | Chanakya Chaudhary, (Vice President) |
| Name of Business Entity | Tata Steel Limited |
| Name of the Project/Unit: | 0.75 Million Tonnes Per Annum (MTPA) Crude Steel Production Through EAF - Tata Steel Limited |
| Address of Project/Unit: | Industrial Plot A-1, Kadiana Khurd Village (Adjacent to Hi-Tech Cycle Valley), Ludhiana East Tehsil, Ludhiana District, Punjab , Ludhiana-East , Ludhiana |
| Capital Investment of the Industry(in lakhs): | 259000 |
| Category of Industry: | Red |
| Type of Industry: | 1053 - Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units |
| Scale of the Industry: | Large - > Rs. 50 Crore |
| Office District: | Ludhiana-1 |
| Consent Fee Details: | Rs. 43,20,500/- vide R no. 266920553 dated 25.7.2023 on account of CTE fees against the proposed project cost of Rs. 2590 Cr. |
| Raw Materials (Name with | Scrap @8,40,000 MT/Annum, Lime @25,000 MT/ Annum, Dolomite @ 11,000 MT/ |

| | |
|---|---|
| quantity per day): | Annum, Coke @ 8,500 MT/ Annum, CaF ₂ @ 1,000MT/ Annum, Ferro Alloy @ 16000 MT/ Annum |
| Products (Name with quantity per day): | Finished Bars @ 750000 MT/ Annum from raw material i.e. Scrap @840000 MT/Annum, LIME @25000 MT/ Annum, Dolomite @ 11000 MT/ Annum, Coke @ 8500 MT/ Annum, CaF ₂ @ 1000 MT/ Annum and Ferro Alloy @ 16000 MT/ Annum |
| By Products, if any (Name with quantity per day) : | EAF SLAG@120000 MT/Annum |
| Details of the machinery and processes: | Proposed Machinery Details as per application form. |
| Details of Effluent Treatment Plant: | Trade Effluent @ 588 KLD – to be treated through ETP followed by RO Plant; RO Permeate@528 to be reused in process for cooling purposes and RO Reject@60 KLD to be disposed off slag quenching process (ZLD to be achieved) Domestic Effluent @ 216 KLD - to be treated through STP@250 KLD capacity based on MBBR technology |
| Mode of disposal of Effluent: | For Trade Effluent– ZLD to be achieved. Treated Domestic Effluent - onto land for plantation/ green area@15.36 ha to be developed as per Karnal technology within premises. |
| Standard to be achieved under Water(Prevention & Control of Pollution) Act, 1974: | As prescribed by the CPCB/PPCB/MoEF&CC, from time to time. |
| Sources of emissions and type of pollutants: | Process: Continuous Casting Machine, Electric Arc Furnace & Laddle Refining Furnace – SPM DG Sets: 2 no. DG Sets of capacity 1,000 KVA – SPM, SO _x , NO _x |
| Mode of disposal of emissions with stack height: | Process: Common stack with Common APCD- 80m AGL DG Sets: 2 no. DG Sets of capacity 1,000 KVA – stack of height as per following formula: $H = h + 0.2 (KVA)^{0.5}$ where h = height of the building in meters where the generator set is installed. |
| Quantity of fuel required in TPD: | Process: Electric Arc Furnace @ 75 TPH, Laddle furnace @ 75 TPH, Continuous Casting Machine @ 1* Single Strand high Speed Billet caster, Re-bar mill @ 750000 MTA - Electricity DG Sets: 2 no. DG Sets of capacity 1000 KVA – HSD Only |
| Type of Air Pollution Control Devices to be installed: | Process: Common APCD i.e. Bag House Filter with Continuous Casting Machine, Electric Arc Furnace & Laddle Refining Furnace and having Stack of adequate height i.e. 80 m AGL DG Sets: 2 no. DG Sets of capacity 1000 KVA – Canopy to be provided |
| Standard to be achieved under Air(Prevention & Control of Pollution) Act, 1981: | As prescribed by the CPCB/PPCB/MoEF&CC, from time to time. |



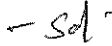
Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

Endst. No.

Dated:

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

1. Senior Environmental Engineer, Zonal Office-I, Ludhiana.
2. Environmental Engineer, Regional Office-I, Ludhiana.


Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

A. GENERAL CONDITIONS

1. The industry shall apply for consent of the Board as required under the provision of Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981 & Authorization under Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016, two months before the commissioning of the industry.
2. The industry shall provide adequate arrangements for fighting the accidental leakages/ discharge of any air pollutant/gas/liquids from the vessels, mechanical equipments etc. which are likely to cause environmental pollution.
3. The Industry shall apply for further extension in the validity of the CTE atleast two months before the expiry of this CTE, if applicable.
4. The industry shall comply with any other conditions laid down or directions issued by the Board under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 from time to time.
5. The project has been approved by the Board from pollution angle and the industry shall obtain the approval of site from other concerned departments, if need be.
6. The industry shall get its building plans approved under the provisions of section 3-A of Punjab Factory Rules, 1952
7. The industry shall put up display board indicating the Environment data in the prescribed format at the main entrance gate
8. 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

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 building | Height of the Stack |
|-----------------------------------|------------------------|---------------------|
| 0-50 KVA | | + 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 industry shall put up canopy on its DG sets and also provide stack of adequate height as per norms prescribed by the Board and shall ensure the compliance of instructions issued by the Board vide office order no. Admin./SA-2/F.No.783/2011/448 dated 8/6/2010.

11. The industry shall provide flow meters at the source of water supply, at the outlet of effluent treatment plant and shall maintain the record of the daily reading and submit the same to the concerned Regional Office by the 5th day of the following month.

12. 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

13. The pollution control devices shall be interlocked with the manufacturing process of the industry.

14. The Board reserves the right to revoke this "consent to establish" (NOC) at any time, in case the industry is found violating any of the conditions of this "consent to establish" and/or the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 as amended from time to time

15. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per acre along the boundary of the industrial premises.

16. 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.

17. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse.

18. Nothing in this NOC 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.

19. 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.

20. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises.

21. The industry shall comply with the conditions imposed if any by the SEIAA/MOEF in the Environmental Clearance granted to it as required under EIA notification dated 14/9/06.

22. 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.

23. The industry shall obtain and submit Insurance cover as required under the Public Liability Insurance Act, 1991.

24. The industry shall submit a site emergency plan approved by the Chief Inspector of Factories, Punjab as applicable

25. The industry shall provide proper and adequate air pollution control arrangements for control emission from its coal/fuel handling area, if applicable.

26. 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

27. 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 so as to prevent any pollutants from such materials from entering into natural water

28. The industry shall submit a detailed plan showing therein, the distribution system for conveying wastewaters for application on land for irrigation along with the crop pattern to be adopted throughout the year

29. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.

30. The industry shall ensure that its production capacity & quantity of trade effluent do not exceed the quantity mentioned in the NOC and shall not carry out any expansion without the prior permission/NOC of the Board.

31. All amendments/revisions made by the Board in the emission/stack height standards shall be applicable to the industry from the date of such amendments/revisions.

32. The industry shall not cause any nuisance/traffic hazard in vicinity of the area.

33. 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.

34. The industry shall ensure that there will not be significant visible dust emissions beyond the property line.

35. 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, if applicable.

36. 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

-sd-

Environmental Engineer (PBIP)

for & on behalf of

Chief Environmental Engineer (PBIP)

B. SPECIAL CONDITIONS

1. This Consent to Establish (NOC) from pollution angle has been issued for establishment of industrial unit [Red Category (1053 - Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units)] at Industrial Plot A-1, adjacent to Hi-Tech Cycle Valley at village Kadiana khurd, Tehsil Ludhiana (East), Distt. Ludhiana, Punjab on land measuring 115 acres, for manufacturing of Finished Bars @ 750000 MT/ Annum from raw material i.e. Scrap @840000 MT/Annum, LIME @25000 MT/ Annum, Dolomite @ 11000 MT/ Annum, Coke @ 8500 MT/ Annum, CaF₂ @ 1000 MT/ Annum and Ferro Alloy @ 16000 MT/ Annum, only.
2. The industry shall comply with the conditions of environmental clearance issued by SEHAA vide no. EC23B008PB183863 dated 10.08.2023 to the proposal number SIA/PB/IND1/430223/2023 dated 08 Jun 2023 in true letter and spirit and shall submit the compliance on time to time as prescribed to Board & NR office of MoEF&CC.
3. The industry will submit building plans approved from the competent authority under the Factories Act, 1948 before obtaining consent to operate of the Board.
4. The industry shall obtain necessary permission from the PWRDA before installing tubewell/ borewell at site for abstraction of groundwater.
5. The industry shall not use fresh water in construction and shall utilize the treated wastewater of nearby STPs.
6. The industry shall be bound to achieve Zero Liquid Discharge as per proposal submitted by it.
7. The industry shall install adequate and appropriate Pollution control devices in accordance with the feasibility report submitted by it, so as to contain the various pollutants in the effluent / emissions discharged by the Industry within the prescribed limits of the Board.
8. The industry shall install the pollution control devices simultaneously in commensuration with the project construction.
9. The industry shall develop adequate green/plantation area for disposal of treated domestic effluent as per the proposal submitted by it.
10. The industry shall maintain its plantation area as well as ensure uniform distribution of wastewater in the entire plantation area after treatment through its STP, so that no stagnation of wastewater occurs inside, outside or in the plantation area at any time.
11. The industry shall not discharge any trade & domestic effluent (treated or untreated) into chow/ drain /river or in inland surface water at any time or any other unauthorized place by any unauthorized means.
12. The industry shall provide a buffer zone of green belt (dense populated trees with pleasant fragrance) around the sewage treatment plant, so as to reduce the effect of odour problem in its vicinity.
13. The industry shall properly handle and manage the solid waste as per the provisions of the Municipal Solid Waste Management Rules, 2016 and ensure that the solid waste is segregated into biodegradable and non-biodegradable components. The biodegradable component shall be treated by providing on-site facility to produce compost, which will be disposed of/reused in an environmentally sound manner and the non-biodegradable solid waste shall also be disposed of in an environmentally sound manner.
14. The industry shall also ensure that the hazardous waste and e-waste components of the solid waste shall also be segregated and the same shall be channelized to the authorized facility for such type of waste.
15. The industry shall comply with the provisions of the Construction and Demolition Management Rules, 2016.
16. The industry shall take adequate steps to the effect that the construction material of any kind that is stored at site shall be fully covered in all respects so that it does not disperse in the air in any form. The industry shall ensure that all the construction material and debris shall be carried out in trucks or other vehicles which are fully covered and protected so as to ensure that the construction debris or the construction material does not get disburse into the air or atmosphere in any form.
17. The industry shall take all necessary steps to control the dust emissions to be generated from the

construction activities of the project.

18. The industry shall ensure that the vehicles carrying construction material and construction debris of any kind shall be cleaned before it is permitted to ply on the road after unloading of such material.

19. The industry shall provide mask to every worker working on the construction site and involved in loading/ unloading and carrying of construction material and construction debris.

20. The industry shall provide all medical help, investigation and treatment of workers involved in construction of building and carrying out construction material and debris related to dust emissions.

21. The industry shall make use of alternatives of single use plastics (SUP) within its premises and will not use any SUP items banned in accordance with MoEF&CC notification no. G.S.R. 571(E) dated 12.08.2021.

22. The industry has been approved by the Board from pollution angle and the industry shall obtain the statutory clearances / permissions from all other concerned departments.

23. The industry shall ensure that the activities of unit does not create any nuisance in the surrounding areas and no public complaints are received.

24. The Consent is being issued to the industry based upon the documents/information/ undertakings submitted by it along with the online application form. The Board would be at liberty to take penal action against the industry and its responsible/ concerned person(s) in case information/document is detected as incorrect/false/misleading at any point of time.

- sd -

Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)



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)

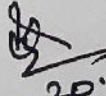
| Unit ID: | Permission Number: | Date of Grant of Permission | Valid up to |
|------------|-----------------------|-----------------------------|-------------|
| 0850101205 | PWRDA/I/06/2023/L3/67 | 20.06.2023 | 19.06.2026 |

| | | | |
|---|---|---|--------------------------------------|
| 1 | Name of Unit: | TATA Steel Ltd. | |
| 2 | Activity of Unit: | Industrial | |
| 3 | Address/Location of Unit: | Tata Steel Ltd., Plot No.-A1, Kadiana Khurd (adj. Hi-Tech Valley) | |
| | | District Ludhiana | PIN: 141015 |
| 4 | Assessment Area (Block): | Ludhiana-II | Status: Orange |
| 5 | District | Ludhiana | |
| 6 | Head Office Address: | Bombay House 24 Homi Street Mumbai | |
| | | | PIN: 400001 |
| | Email | mdoffice@tatasteel.com | saroj.singh@tatasteel.com |
| | Phone/Mobile No. | 022-66657724 | 9234551893 |
| 7 | Project Status: | New | |
| 8 | No. of Existing Tube-Wells | No. of Proposed Tube-Wells | Total Number of Tube-Wells Permitted |
| | 00 | 05 | 05 |
| 9 | Volume of Ground Water Permitted to be Extracted(m ³ /month) | Fresh | Brackish/Saline |
| | | 75000 | - |

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: 20.06.2023
Place: Chandigarh




20.06.2023
J.K. Jain (Admin & Coord.)
Punjab Water Regulation and
Development Authority
Simran Kaur
20/06/2023



Punjab Small Industries & Export Corporation Ltd.
(A STATE GOVT. UNDERTAKING).

18, HIMALAYA MARG, UDYOG BHAWAN, SECTOR 17 A, CHANDIGARH-160017
PHONE: 2702301 305, FAX: 2702039, Email: xe@psiec@gmail.com
NO.PSIEC/EE-1/860-65

Dated:- 24-8-2022

**Sh. Utsav Kant,
Sector Officer,
Invest Punjab,
Chandigarh.**

**Subject:- MoU between Tata Steel Limited and Govt. of Punjab, PBIP,
Deptt. Of Investment Promotion.**

Kindly refer to the MoU (PUC) between Tata Steel Limited and Govt. of Punjab, PBIP, Deptt. Of Investment Promotion received via whatsapp on 15.08.2022 at 7.00 P.M.

The Parawise Reply to the Draft MoU conditions is submitted as under:-

A. LAND:

- a) Tata Steel will require approximately 150 acres of land at Kadiana Khurd, in Hi-Tech Valley, Ludhiana for the purpose of setting up the Project and associated facilities.
- b) The Government of Punjab agrees to provide approx. 150 Acre of land at Kadiana Khurd, Hi-Tech Valley, Ludhiana, free from all encumbrances to Tata Steel through Punjab Small Industries & Export Corporation (PSIEC) for construction of the plant and allied facilities.

Reply a & b :-

Undeveloped Plot no. A-1, Kadiana Khurd having 115 Acre area has already been allotted to Tata Steel on 14-07-2022. The terms & conditions for the same are mentioned in the allotment letter. Further, to meet up the additional requirement of 35 Acre, if any, Tata Steel may participate in the E-Auction to purchase the developed Plots bearing No. B-02, B-03 and E-02 at Hi-Tech Valley, Dhanansu.

- c) PSIEC shall ensure development and providing of all enabling infrastructure including water pipeline, road connectivity, power supply

transmission line, gas pipeline up to the doorstep at the selected land without any additional charges to Tata Steel.

Reply: -

PSIEC shall provide the raw water pipeline, Power supply -LT distribution through PSPCL, road connectivity up to the doorstep of the plot.

Whereas, PSIEC shall provide NoC/ROW to the Gas pipe line distribution agency to cadre the Tata Steel Ltd. as per the standard procedure. Whereas, Tata Steel Ltd. shall take up the matter with Gas pipe line distribution agency at its own level as well as bear necessary cost.

- d) PSIEC shall allow use of central transport park at Hi-tech Valley for enabling necessary parking of trucks, trailers and vehicles as per requirement without any additional charges to Tata Steel.

Reply: -

It is pertinent to mention here that allottees having plot area more than 45 Acre have to make their own arrangement within their plots for transport parking as per the stipulations laid by SIEAA while according the Environment Clearance for the Hi-Tech Valley Project.

Thus, all the necessary arrangements for transport parking is required to be done by the Tata Steel Ltd. at its own level within its premises.

B. WATER:

- a) The Government of Punjab will provide required quantum of average water requirements 250 m³ per hour including meeting peak requirement to Tata Steel at the selected site. For this purpose, if up-gradation / renovation or any other measure is found to be necessary, the same shall be done without any cost to Tata Steel.

Reply: -

PSIEC will provide 250 m³ per hour or 2.45 cusec or 6000KLD of raw water to Tata Steel Ltd. However, if any peak demand/requirement raised or upgradation/renovation required by the Tata Steel Ltd., then the necessary arrangements is required to be made by the Tata Steel after taking up the matter with Deptt. Of Water Resources at its own cost/level.

- b) The Government of Punjab will built necessary storage facilities in form of reservoirs to also ensure supply of water during the shutdown/ maintenance of water pipeline.

Reply: -

Undeveloped Plot no. A-1, Kadiana Khurd having 115 Acre area has already been allotted to Tata Steel on 14-07-2022. According to which, all the other facilities/amenities shall be developed by the Tata Steel Ltd. at its own level/cost except road connectivity (Ref. Note v.)

C. POWER:

- a) Tata Steel requires 100 MVA peak (approx.) power for the Project. Power requirement will be met from State DISCOM and from captive power generator located outside the state. In case of outage of its captive generator, the shortfall will also be met from the DISCOM. The entire power consumed from DISCOM will be charged at the special tariff provided by the Government of Punjab for the project for the mentioned time period.

Reply: -

Related to PSPCL/PSTCL.

- b) The Government of Punjab agrees to arrange for supply of power at 220 kV to the doorstep of the Project through Punjab State Transmission Corporation Limited / distribution licensee.

Reply: -

TSL shall apply to PSTCL for 220KV connection as per the norms/rules of PSTCL as the same is not covered under the scope of PSIEC.

- c) The power requirement at the construction stage is estimated at 4 MVA. The Government of Punjab agrees to arrange to supply the required power through Punjab State Transmission Corporation Limited / distribution licensee.

Reply: -

TSL shall apply to PSPCL for electrical connection as per the norms/rules of PSPCL. PSIEC will take up the matter with PSPCL for the same to facilitate TSL.

- d) Tata Steel, through its Captive power plant located outside the state / associated entities, will be permitted to transmit and supply power to the Project, as and when need arises, through Punjab State Transmission Corporation Limited / distribution licensee subject to CERC Inter-State

and Punjab State Intra-State open access regulations as amended from time to time..

Reply: -

Matter is required to be taken up with PSPCL/PSTCL for appropriate action as per norms/rules.

- e) The Government of Punjab will ensure approval of Power consumed from its captive waste heat recovery power plant as equivalent to Renewable power and as non-obligated for Renewable Purchase obligation.

Reply: -

PSPCL/PSTCL may consider the request as per norms/rules.

- f) The Government of Punjab agree that no additional surcharge or cross-subsidy or duty in any form shall be applicable for captive power sourcing by Tata Steel for the Project.

Reply: -

PSPCL/PSTCL may consider the request as per norms/rules.

D. ENVIRONMENT:

- a) The Government of Punjab agrees to assist Tata Steel in obtaining no objection certificate (NOC) through the State Pollution Control Board for the construction of the Plant, water supply infrastructure, power projects etc.
- b) The Government of Punjab agrees to assist Tata Steel in obtaining all clearances from the Central Government, as may be required.
- c) Tata Steel will arrange to conduct an Environment Impact Assessment (EIA) study and prepare an Environment Management Plan (EMP) for the project. The Government of Punjab agrees to assist Tata Steel in this regard during the entire Environment Clearance (EC) process.

Reply a, b & c: -

Undeveloped Plot no. A-1, Kadiana Khurd having 115 Acre area has already been allotted to Tata Steel on 14-07-2022. According to which, the allottee will obtain various clearances, permits, licenses etc. including Environment Clearance at its own level from various Government Departments/Agencies/ Corporations/ Local Bodies etc. required, if any to set up the unit (Ref Clause No.26).

Further, Matter relates to Invest Punjab.

E. INCENTIVES AND CONCESSIONS:

Tata Steel understands that the Government of Punjab would grant such incentives and concessions as are provided in the Industrial & Business Development Policy 2017 (IBDP 2017), as amendment from time to time. Tata Steel investment of ~ Rs 2600 Cr shall fall under the Ultra Mega category as defined in IBDP 2017. Specific provision as applicable as on date of this MOU are detailed below:

1. Clause 10.25.1 - New Industrial unit meeting following criteria will be considered for the incentives for Ultra Mega Projects:

| Category | Minimum Fixed Capital Investment (Rs. Cr) | And Minimum Contract Demand (MVA) |
|------------------------|---|-----------------------------------|
| 1. Ultra-Mega Projects | Above 2500 | 30 MVA |

2. Clause 10.25.2 - All the benefits of Anchor units as applicable under IBDP 2017 shall be available to the Ultra Mega project unit. However, in respect of "variable power tariff" and "Net GST reimbursement" the following special incentives will be available in place of the respective incentives available under IBDP 2017.

| Sr. No. | Incentive Category | Ultra-Mega Project |
|---------|--|---|
| 01 | Variable Power Tariff at Rs.5 per unit | Special power tariff* will be available for 5 years from the date of release of permanent power connection. |
| 02 | Net GST reimbursement | 100% of net GST for 20 years with a cap of 200% of FCI. |

*In case, the State Utility provides variable power tariff lower than Rs.5 per unit, the lower variable power tariff will be applicable to the unit.

3. Clause 10.11.3 provides that The State will give following special incentives to the Anchor Units apart from other fiscal and non-fiscal incentives, which the unit may be entitled to

| Sr. | Nature of Incentive | Extent of Incentive |
|-----|---------------------|---------------------|
|-----|---------------------|---------------------|

| | | |
|-----|---------------------------------|--|
| No. | | |
| 1 | Exemption from CLU/EDC | 100% exemption from CLU/EDC charges |
| 02 | Employment Generation subsidy | Employment Generation subsidy @ Rs 36,000 per employee per year for a maximum period of 5 years and Rs. 48,000 per employee per year for a maximum period of 5 years for women and SC/BC/OBC employee must be certified by a Government or Government agency |
| 03 | Exemption from Electricity Duty | 100% exemption for 15 Years |

4. Clause **10.25.3** The applicable conditions are:

- CAF (Common Application Form) should be filed before 17th Oct 2022 i.e the sunset of IBDP 2017.
- (ii) Date of Production (DoP) should be attained within 3 years (for Mega Projects) / 4 years (Ultra Mega Projects) from date of submission of complete CAF. However, in special cases, for reasons to be recorded in writing, delay in attaining the date of production may be condoned with the approval of Chairman of Punjab Industrial & Business Development Board."

Procedure of claim and grant of incentives are governed by provisions of Industrial & Business Development Policy 2017 & Detailed Schemes & Operational Guidelines 2018 (DSOG 2018), as amended from time to time.

Reply 1,2,3 & 4: -

Relates to Invest Punjab.

F. GENERAL CLAUSE:


- The areas of co-operation mentioned above highlight only the major issues involved in setting up of the Project. Other issues, as and when they arise, and sharing of the responsibilities between both parties shall be decided through mutual agreement on a case-to-case basis. In general, the Government of Punjab agrees to render all assistance to facilitate Tata Steel in establishing the Project.
- The Government of Punjab appreciates that Tata Steel is a responsible corporate house with a high involvement in employees' welfare and social

development. The Government of Punjab, therefore, anticipates that Tata Steel will bring this philosophy to the Project being set up in the district of Ludhiana to ensure the well being of this district in particular and people of Punjab in general. In possessing the necessary qualifications, Tata Steel will make every effort to improve their skill levels, if necessary, through specialized training.

3. The Government of Punjab appreciates that Tata Steel will be entitled to induct suitable Joint Ventures, choose appropriate financial options, suppliers, credit options and technologies in the best interest of the project.
4. Tata Steel understands that the offers and special considerations of the State Government indicates in this MoU are for the Project envisaged in para -5 where the final product is Steel / Steel products and not for any intermediary product unless the same is for captive use in the Project in Punjab.
5. It shall be obligatory on Tata Steel to furnish all information required by the State Government relevant to planning, formulation, lay out, financing and implementation of the project as well as the financial and management status and performance of the promoter as and when so required by the State Government as expeditiously as possible.

Reply 1-5 : -

PSIEC will provide the necessary assistance/facilities as per the allotment letter Dated 14.07.2022. Further, matter relates to Invest Punjab.


Executive Engineer-I
PSIEC, Chandigarh

CC:-

1. PS to MD for kind information of W/MD, PSIEC please.
2. PA to AMD for kind information of W/AMD, PSIEC please.
3. CE, PSIEC for kind information please.
4. CTC/CGM (Planning) for kind information please.
5. Executive Engineer (Elec.), PSIEC Chandigarh.



ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TC-15390



TEST REPORT

TEST REPORT NO.: ETS/1194/11/2025

ULR.NO.TC153902500001194F

DATE OF REPORT: 13.11.2025

AMBIENT AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer

: TATA STEEL LIMITED
PLOT A-1, KADIANA KHURD, LUDHIANA,
PUNJAB-141015

Date of Monitoring

: 07.11.2025

Analysis Start Date

: 10.11.2025

Analysis End Date

: 13.11.2025

Duration Of Monitoring

: 07.11.2025 To 08.11.2025

Time Of Monitoring

: 10.44 AM To 10.44 AM (CO&O₃ for 1.0 Hrs.)

Sample ID No

: 1194

Sampling Done By

: ETS STAFF

Sampling Location

: NEAR MAIN GATE

Sampling Method

: IS 5182 PART-14

Sampling Machine Placed At Height

: 1.5 METER FROM GROUND LEVEL

Weather Condition

: CLEAR Ambient Temperature: 23.0 °C

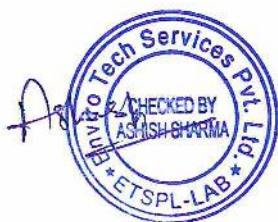
Wind Direction

: E To W

Equipment Used

: Respirable Dust Sampler (PM₁₀) + Fine Particulate Sampler (PM_{2.5})

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|--|-------------------|--------|-----------------------------------|--------------------|
| 1 | Particulate Matters,(PM ₁₀) | µg/m ³ | 87.2 | For 24 Hrs.=100 | IS 5182 (Part-23) |
| 2 | Particulate Matters,(PM _{2.5}) | µg/m ³ | 45.4 | For 24 Hrs.=60 | IS 5182 (Part-24) |
| 3 | Sulphur Dioxide, (SO ₂) | µg/m ³ | 13.8 | For 24 Hrs.=80 | IS: 5182 (Part-2) |
| 4 | Nitrogen Dioxide,(NO ₂) | µg/m ³ | 31.1 | For 24 Hrs.=80 | IS: 5182 (Part-6) |
| 5 | Ammonia,(NH ₃) | µg/m ³ | <20.0 | For 24 Hrs.=400 | IS 5182 (Part-25) |
| 6 | Ozone,(O ₃) | µg/m ³ | 25.0 | For 1 Hrs.=180 | IS: 5182 (Part.-9) |
| 7 | Lead,(Pb) | µg/m ³ | <0.05 | For 24 Hrs.=1 | IS 5182 (Part-22) |



For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY (Quality Manager)

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory



(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461

TEST REPORT

TEST REPORT NO.: ETS/1194/11/2025

DATE OF REPORT: 13.11.2025

AMBIENT AIR MONITORING AND ANALYSIS REPORT

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|---|-------------------|--------|-----------------------------------|--------------------|
| 8 | Benzene, (C ₆ H ₆) | µg/m ³ | <1.0 | For Annual=5 | IS 5182 (Part-11) |
| 9 | Arsenic, (As) | ng/m ³ | <1.0 | For Annual=06 | IS 5182 (Part-22) |
| 10 | Nickel, (Ni) | ng/m ³ | <1.0 | For Annual=20 | IS 5182 (Part-26) |
| 11 | Carbon Monoxide, (CO) | mg/m ³ | 0.57 | For 1 Hrs.=4 | IS 5182 : Part 10 |
| 12 | Benzo (a) Pyrene (BaP) | ng/m ³ | <0.05 | For Annual=01 | IS: 5182 (Part-12) |

*****End of Test Report*****



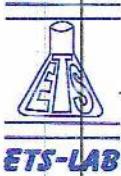
For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY
(Quality Manager)

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TC-15390

TEST REPORT

TEST REPORT NO.: ETS/1195/11/2025

ULR.NO.TC153902500001195F

DATE OF REPORT: 13.11.2025

AMBIENT AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : TATA STEEL LIMITED
PLOT A-1, KADIANA KHURD, LUDHIANA,
PUNJAB-141015

Date of Monitoring : 07.11.2025
Analysis Start Date : 10.11.2025
Analysis End Date : 13.11.2025
Duration Of Monitoring : 07.11.2025 To 08.11.2025
Time Of Monitoring : 10.30 AM To 10.30 AM (CO&O₃ for 1.0 Hrs.)
Sample ID No : 1195
Sampling Done By : ETS STAFF
Sampling Location : NEAR AIR SEPERATION
Sampling Method : IS 5182 PART-14
Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL
Weather Condition : CLEAR Ambient Temperature: 23.0 °C
Wind Direction : E To W
Equipment Used : Respirable Dust Sampler (PM₁₀) + Fine Particulate Sampler (PM_{2.5})

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|--|-------------------|--------|--------------------------------------|--------------------|
| 1 | Particulate Matters,(PM ₁₀) | µg/m ³ | 85.4 | For 24 Hrs.=100 | IS 5182 (Part-23) |
| 2 | Particulate Matters,(PM _{2.5}) | µg/m ³ | 42.6 | For 24 Hrs.=60 | IS 5182 (Part-24) |
| 3 | Sulphur Dioxide, (SO ₂) | µg/m ³ | 12.0 | For 24 Hrs.=80 | IS: 5182 (Part-2) |
| 4 | Nitrogen Dioxide,(NO ₂) | µg/m ³ | 29.1 | For 24 Hrs.=80 | IS: 5182 (Part-6) |
| 5 | Ammonia,(NH ₃) | µg/m ³ | <20.0 | For 24 Hrs.=400 | IS 5182 (Part-25) |
| 6 | Ozone,(O ₃) | µg/m ³ | 24.0 | For 1 Hrs.=180 | IS: 5182 (Part.-9) |
| 7 | Lead,(Pb) | µg/m ³ | <0.05 | For 24 Hrs.=1 | IS 5182 (Part-22) |



For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY
MD Humraj
(Quality Manager)

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory



ISO 45001

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TEST REPORT

TEST REPORT NO.: ETS/1195/11/2025

DATE OF REPORT: 13.11.2025

AMBIENT AIR MONITORING AND ANALYSIS REPORT

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|---|-------------------|--------|-----------------------------------|--------------------|
| 8 | Benzene, (C ₆ H ₆) | µg/m ³ | <1.0 | For Annual=5 | IS 5182 (Part-11) |
| 9 | Arsenic, (As) | ng/m ³ | <1.0 | For Annual=06 | IS 5182 (Part-22) |
| 10 | Nickel, (Ni) | ng/m ³ | <1.0 | For Annual=20 | IS 5182 (Part-26) |
| 11 | Carbon Monoxide, (CO) | mg/m ³ | 0.50 | For 1 Hrs.=4 | IS 5182 : Part 10 |
| 12 | Benzo (a) Pyrene (BaP) | ng/m ³ | <0.05 | For Annual=01 | IS: 5182 (Part-12) |

*****End of Test Report*****



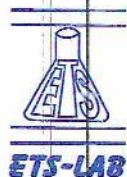
For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY
(Quality Manager)

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TC-15390



TEST REPORT

TEST REPORT NO.: ETS/1196/11/2025

ULR.NO.TC153902500001196F

DATE OF REPORT: 13.11.2025

AMBIENT AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : TATA STEEL LIMITED
PLOT A-1, KADIANA KHURD, LUDHIANA,
PUNJAB-141015

Date of Monitoring : 07.11.2025
Analysis Start Date : 10.11.2025
Analysis End Date : 13.11.2025
Duration Of Monitoring : 07.11.2025 To 08.11.2025
Time Of Monitoring : 10.12 AM To 10.12 AM (CO&O₃ for 1.0 Hrs.)
Sample ID No : 1196
Sampling Done By : ETS STAFF
Sampling Location : NEAR HMLT-3
Sampling Method : IS 5182 PART-14
Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL
Weather Condition : CLEAR Ambient Temperature: 23.0 °C
Wind Direction : E To W
Equipment Used : Respirable Dust Sampler (PM₁₀) + Fine Particulate Sampler (PM_{2.5})

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|--|-------------------|--------|--------------------------------------|--------------------|
| 1 | Particulate Matters,(PM ₁₀) | µg/m ³ | 82.1 | For 24 Hrs.=100 | IS 5182 (Part-23) |
| 2 | Particulate Matters,(PM _{2.5}) | µg/m ³ | 40.5 | For 24 Hrs.=60 | IS 5182 (Part-24) |
| 3 | Sulphur Dioxide, (SO ₂) | µg/m ³ | 11.4 | For 24 Hrs.=80 | IS: 5182 (Part-2) |
| 4 | Nitrogen Dioxide,(NO ₂) | µg/m ³ | 26.2 | For 24 Hrs.=80 | IS: 5182 (Part-6) |
| 5 | Ammonia,(NH ₃) | µg/m ³ | <20.0 | For 24 Hrs.=400 | IS 5182 (Part-25) |
| 6 | Ozone,(O ₃) | µg/m ³ | 22.0 | For 1 Hrs.=180 | IS: 5182 (Part.-9) |
| 7 | Lead,(Pb) | µg/m ³ | <0.05 | For 24 Hrs.=1 | IS 5182 (Part-22) |



For Enviro Tech Services Pvt. Ltd.

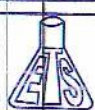

AUTHORIZED SIGNATORY

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





ETS-LAB

ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory



ISO 45001

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461

TEST REPORT

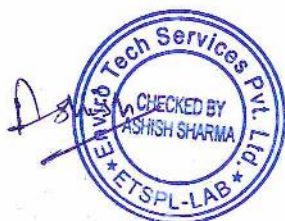
TEST REPORT NO.: ETS/1196/11/2025

DATE OF REPORT: 13.11.2025

AMBIENT AIR MONITORING AND ANALYSIS REPORT

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|---|-------------------|--------|-----------------------------------|--------------------|
| 8 | Benzene, (C ₆ H ₆) | µg/m ³ | <1.0 | For Annual=5 | IS 5182 (Part-11) |
| 9 | Arsenic, (As) | ng/m ³ | <1.0 | For Annual=06 | IS 5182 (Part-22) |
| 10 | Nickel, (Ni) | ng/m ³ | <1.0 | For Annual=20 | IS 5182 (Part-26) |
| 11 | Carbon Monoxide, (CO) | mg/m ³ | 0.63 | For 1 Hrs.=4 | IS 5182 : Part 10 |
| 12 | Benzo (a) Pyrene (BaP) | ng/m ³ | <0.05 | For Annual=01 | IS: 5182 (Part-12) |

*****End of Test Report*****



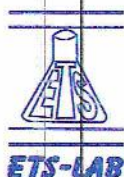
For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TC-15390

TEST REPORT

TEST REPORT NO.: ETS/1197/11/2025

ULR.NO.TC153902500001197F

DATE OF REPORT: 13.11.2025

AMBIENT AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : TATA STEEL LIMITED
PLOT A-1, KADIANA KHURD, LUDHIANA,
PUNJAB-141015

Date of Monitoring : 07.11.2025
Analysis Start Date : 10.11.2025
Analysis End Date : 13.11.2025
Duration Of Monitoring : 07.11.2025 To 08.11.2025
Time Of Monitoring : 10.18 AM To 10.18 AM (CO&O₃ for 1.0 Hrs.)
Sample ID No : 1197
Sampling Done By : ETS STAFF
Sampling Location : NEAR B.P-31
Sampling Method : IS 5182 PART-14
Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL
Weather Condition : CLEAR Ambient Temperature: 23.0 °C
Wind Direction : E To W
Equipment Used : Respirable Dust Sampler (PM₁₀) + Fine Particulate Sampler (PM_{2.5})

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|--|-------------------|--------|--------------------------------------|--------------------|
| 1 | Particulate Matters,(PM ₁₀) | µg/m ³ | 91.5 | For 24 Hrs.=100 | IS 5182 (Part-23) |
| 2 | Particulate Matters,(PM _{2.5}) | µg/m ³ | 48.2 | For 24 Hrs.=60 | IS 5182 (Part-24) |
| 3 | Sulphur Dioxide, (SO ₂) | µg/m ³ | 13.6 | For 24 Hrs.=80 | IS: 5182 (Part-2) |
| 4 | Nitrogen Dioxide,(NO ₂) | µg/m ³ | 35.1 | For 24 Hrs.=80 | IS: 5182 (Part-6) |
| 5 | Ammonia,(NH ₃) | µg/m ³ | <20.0 | For 24 Hrs.=400 | IS 5182 (Part-25) |
| 6 | Ozone,(O ₃) | µg/m ³ | 28.0 | For 1 Hrs.=180 | IS: 5182 (Part.-9) |
| 7 | Lead,(Pb) | µg/m ³ | <0.05 | For 24 Hrs.=1 | IS 5182 (Part-22) |



For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY **Mraj**
(Quality Manager)

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



TEST REPORT

TEST REPORT NO.: ETS/1197/11/2025

DATE OF REPORT: 13.11.2025

AMBIENT AIR MONITORING AND ANALYSIS REPORT

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|---|-------------------|--------|-----------------------------------|--------------------|
| 8 | Benzene, (C ₆ H ₆) | µg/m ³ | <1.0 | For Annual=5 | IS 5182 (Part-11) |
| 9 | Arsenic, (As) | ng/m ³ | <1.0 | For Annual=06 | IS 5182 (Part-22) |
| 10 | Nickel, (Ni) | ng/m ³ | <1.0 | For Annual=20 | IS 5182 (Part-26) |
| 11 | Carbon Monoxide, (CO) | mg/m ³ | 0.59 | For 1 Hrs.=4 | IS 5182 : Part 10 |
| 12 | Benzo (a) Pyrene (BaP) | ng/m ³ | <0.05 | For Annual=01 | IS: 5182 (Part-12) |

*****End of Test Report*****



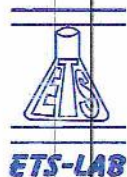
For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY
Md. Humraj
(Quality Manager)

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461

TC-15390



TEST REPORT

TEST REPORT NO.: ETS/1198/11/2025

ULR.NO.TC153902500001198F

DATE OF REPORT: 13.11.2025

AMBIENT AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : TATA STEEL LIMITED
PLOT A-1, KADIANA KHURD, LUDHIANA,
PUNJAB-141015

Date of Monitoring : 08.11.2025
Analysis Start Date : 10.11.2025
Analysis End Date : 13.11.2025
Duration Of Monitoring : 08.11.2025 To 09.11.2025
Time Of Monitoring : 10.05 AM To 10.05 AM (CO&O₃ for 1.0 Hrs.)
Sample ID No : 1198
Sampling Done By : ETS STAFF
Sampling Location : VILLAGE -BHUKHRI KHURD
Sampling Method : IS 5182 PART-14
Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL
Weather Condition : CLEAR Ambient Temperature: 23.0 °C
Wind Direction : E To W
Equipment Used : Respirable Dust Sampler (PM₁₀) + Fine Particulate Sampler (PM_{2.5})

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|--|-------------------|--------|--------------------------------------|--------------------|
| 1 | Particulate Matters,(PM ₁₀) | µg/m ³ | 84.7 | For 24 Hrs.=100 | IS 5182 (Part-23) |
| 2 | Particulate Matters,(PM _{2.5}) | µg/m ³ | 39.1 | For 24 Hrs.=60 | IS 5182 (Part-24) |
| 3 | Sulphur Dioxide, (SO ₂) | µg/m ³ | 11.4 | For 24 Hrs.=80 | IS: 5182 (Part-2) |
| 4 | Nitrogen Dioxide,(NO ₂) | µg/m ³ | 27.1 | For 24 Hrs.=80 | IS: 5182 (Part-6) |
| 5 | Ammonia,(NH ₃) | µg/m ³ | <20.0 | For 24 Hrs.=400 | IS 5182 (Part-25) |
| 6 | Ozone,(O ₃) | µg/m ³ | 29.0 | For 1 Hrs.=180 | IS: 5182 (Part.-9) |
| 7 | Lead,(Pb) | µg/m ³ | <0.05 | For 24 Hrs.=1 | IS 5182 (Part-22) |



For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY
(Quality Manager)

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





TEST REPORT

TEST REPORT NO.: ETS/1198/11/2025

DATE OF REPORT: 13.11.2025


AMBIENT AIR MONITORING AND ANALYSIS REPORT

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|---|-------------------|--------|-----------------------------------|--------------------|
| 8 | Benzene, (C ₆ H ₆) | µg/m ³ | <1.0 | For Annual=5 | IS 5182 (Part-11) |
| 9 | Arsenic, (As) | ng/m ³ | <1.0 | For Annual=06 | IS 5182 (Part-22) |
| 10 | Nickel, (Ni) | ng/m ³ | <1.0 | For Annual=20 | IS 5182 (Part-26) |
| 11 | Carbon Monoxide, (CO) | mg/m ³ | 0.61 | For 1 Hrs.=4 | IS 5182 : Part 10 |
| 12 | Benzo (a) Pyrene (BaP) | ng/m ³ | <0.05 | For Annual=01 | IS: 5182 (Part-12) |

*****End of Test Report*****



For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY  (Quality Manager)

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TC-15390



TEST REPORT

TEST REPORT NO.: ETS/1199/11/2025

ULR.NO.TC153902500001199F

DATE OF REPORT: 13.11.2025

AMBIENT AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : TATA STEEL LIMITED
PLOT A-1, KADIANA KHURD, LUDHIANA,
PUNJAB-141015

Date of Monitoring : 08.11.2025
Analysis Start Date : 10.11.2025
Analysis End Date : 13.11.2025
Duration Of Monitoring : 08.11.2025 To 09.11.2025
Time Of Monitoring : 10.40 AM To 10.40 AM (CO&O₃ for 1.0 Hrs.)
Sample ID No : 1199
Sampling Done By : ETS STAFF
Sampling Location : KHASI KHURD
Sampling Method : IS 5182 PART-14
Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL
Weather Condition : CLEAR Ambient Temperature: 23.0 °C
Wind Direction : E To W
Equipment Used : Respirable Dust Sampler (PM₁₀) + Fine Particulate Sampler (PM_{2.5})

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|--|-------------------|--------|-----------------------------------|--------------------|
| 1 | Particulate Matters,(PM ₁₀) | µg/m ³ | 97.1 | For 24 Hrs.=100 | IS 5182 (Part-23) |
| 2 | Particulate Matters,(PM _{2.5}) | µg/m ³ | 52.4 | For 24 Hrs.=60 | IS 5182 (Part-24) |
| 3 | Sulphur Dioxide, (SO ₂) | µg/m ³ | 12.8 | For 24 Hrs.=80 | IS: 5182 (Part-2) |
| 4 | Nitrogen Dioxide,(NO ₂) | µg/m ³ | 38.0 | For 24 Hrs.=80 | IS: 5182 (Part-6) |
| 5 | Ammonia,(NH ₃) | µg/m ³ | <20.0 | For 24 Hrs.=400 | IS 5182 (Part-25) |
| 6 | Ozone,(O ₃) | µg/m ³ | 25.0 | For 1 Hrs.=180 | IS: 5182 (Part.-9) |
| 7 | Lead,(Pb) | µg/m ³ | <0.05 | For 24 Hrs.=1 | IS 5182 (Part-22) |



For Enviro Tech Services Pvt. Ltd.

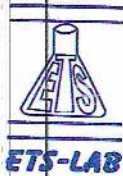
AUTHORIZED SIGNATORY 
(Quality Manager)

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory



(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TEST REPORT

TEST REPORT NO.: ETS/1199/11/2025

DATE OF REPORT: 13.11.2025

AMBIENT AIR MONITORING AND ANALYSIS REPORT

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|---|-------------------|--------|-----------------------------------|--------------------|
| 8 | Benzene, (C ₆ H ₆) | µg/m ³ | <1.0 | For Annual=5 | IS 5182 (Part-11) |
| 9 | Arsenic, (As) | ng/m ³ | <1.0 | For Annual=06 | IS 5182 (Part-22) |
| 10 | Nickel, (Ni) | ng/m ³ | <1.0 | For Annual=20 | IS 5182 (Part-26) |
| 11 | Carbon Monoxide, (CO) | mg/m ³ | 0.69 | For 1 Hrs.=4 | IS 5182 : Part 10 |
| 12 | Benzo (a) Pyrene (BaP) | ng/m ³ | <0.05 | For Annual=01 | IS: 5182 (Part-12) |

*****End of Test Report*****



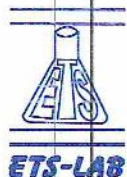
Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY Humraj
(Quality Manager)

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory



(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461

TC-15390

TEST REPORT

TEST REPORT NO.: ETS/1200/11/2025

ULR.NO.TC153902500001200F

DATE OF REPORT: 13.11.2025

AMBIENT AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : TATA STEEL LIMITED
PLOT A-1, KADIANA KHURD, LUDHIANA,
PUNJAB-141015

Date of Monitoring : 08.11.2025
Analysis Start Date : 10.11.2025
Analysis End Date : 13.11.2025
Duration Of Monitoring : 08.11.2025 To 09.11.2025
Time Of Monitoring : 10.30 AM To 10.30 AM (CO&O₃ for 1.0 Hrs.)
Sample ID No : 1200
Sampling Done By : ETS STAFF
Sampling Location : VILLAGE DHANANSU
Sampling Method : IS 5182 PART-14
Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL
Weather Condition : CLEAR Ambient Temperature: 23.0 °C
Wind Direction : E To W
Equipment Used : Respirable Dust Sampler (PM₁₀) + Fine Particulate Sampler (PM_{2.5})

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|--|-------------------|--------|--------------------------------------|--------------------|
| 1 | Particulate Matters,(PM ₁₀) | µg/m ³ | 89.4 | For 24 Hrs.=100 | IS 5182 (Part-23) |
| 2 | Particulate Matters,(PM _{2.5}) | µg/m ³ | 49.1 | For 24 Hrs.=60 | IS 5182 (Part-24) |
| 3 | Sulphur Dioxide, (SO ₂) | µg/m ³ | 13.0 | For 24 Hrs.=80 | IS: 5182 (Part-2) |
| 4 | Nitrogen Dioxide,(NO ₂) | µg/m ³ | 30.7 | For 24 Hrs.=80 | IS: 5182 (Part-6) |
| 5 | Ammonia,(NH ₃) | µg/m ³ | <20.0 | For 24 Hrs.=400 | IS 5182 (Part-25) |
| 6 | Ozone,(O ₃) | µg/m ³ | 21.0 | For 1 Hrs.=180 | IS: 5182 (Part.-9) |
| 7 | Lead,(Pb) | µg/m ³ | <0.05 | For 24 Hrs.=1 | IS 5182 (Part-22) |



For Enviro Tech Services Pvt. Ltd.

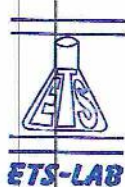
AUTHORIZED SIGNATORY *Umraj*
(Quality Manager)

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





TEST REPORT

TEST REPORT NO.: ETS/1200/11/2025

DATE OF REPORT: 13.11.2025

AMBIENT AIR MONITORING AND ANALYSIS REPORT

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|---|-------------------|--------|-----------------------------------|--------------------|
| 8 | Benzene, (C ₆ H ₆) | µg/m ³ | <1.0 | For Annual=5 | IS 5182 (Part-11) |
| 9 | Arsenic, (As) | ng/m ³ | <1.0 | For Annual=06 | IS 5182 (Part-22) |
| 10 | Nickel, (Ni) | ng/m ³ | <1.0 | For Annual=20 | IS 5182 (Part-26) |
| 11 | Carbon Monoxide, (CO) | mg/m ³ | 0.64 | For 1 Hrs.=4 | IS 5182 : Part 10 |
| 12 | Benzo (a) Pyrene (BaP) | ng/m ³ | <0.05 | For Annual=01 | IS: 5182 (Part-12) |

*****End of Test Report*****



For Enviro Tech Services Pvt. Ltd.


Md Humraj
AUTHORIZED SIGNATORY (Manager)

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TC-15390

TEST REPORT

TEST REPORT NO.: ETS/1201/11/2025 ULR.NO.TC153902500001201F DATE OF REPORT: 13.11.2025

NOISE MONITORING REPORT

Name And Address of Customer : TATA STEEL LIMITED
PLOT A-1, KADIANA KHURD, LUDHIANA,
PUNJAB-141015

Date of Monitoring : 07.11.2025
Monitoring Start Date : 07.11.2025
Monitoring End Date : 08.11.2025
Duration Of Monitoring : 24 HOURS
Sample ID No : 1201
Monitoring Done By : ETS STAFF
Sampling Location : NEAR MAIN GATE
Sampling Method : IS 9989: 1981 REAFFIRMED-2023
Category Of Area : INDUSTRIAL AREA

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) |
|--------|------------------------|-------------|--------|-----------------------------------|
| 1 | Day Time Noise Level | Leq :dB (A) | 69.2 | 75 |
| 2 | Night Time Noise Level | Leq :dB (A) | 57.5 | 70 |

Remark: Day time is reckoned in between 06.00 A.M. and 10.00 P.M.
Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

*****End of Test Report*****



For Enviro Tech Services Pvt. Ltd.

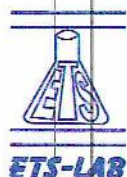
AUTHORIZED SIGNATORY
(Quality Manager)

Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461

TC-15390



TEST REPORT

TEST REPORT NO.: ETS/1202/11/2025

ULR.NO.TC153902500001202F

DATE OF REPORT: 13.11.2025

NOISE MONITORING REPORT

Name And Address of Customer : TATA STEEL LIMITED
PLOT A-1, KADIANA KHURD, LUDHIANA,
PUNJAB-141015

Date of Monitoring : 07.11.2025
Monitoring Start Date : 07.11.2025
Monitoring End Date : 08.11.2025
Duration Of Monitoring : 24 HOURS
Sample ID No : 1202
Monitoring Done By : ETS STAFF
Sampling Location : NEAR AIR SEPERATION
Sampling Method : IS 9989: 1981 REAFFIRMED-2023
Category Of Area : INDUSTRIAL AREA

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) |
|--------|------------------------|-------------|--------|-----------------------------------|
| 1 | Day Time Noise Level | Leq :dB (A) | 64.2 | 75 |
| 2 | Night Time Noise Level | Leq :dB (A) | 58.6 | 70 |

Remark: Day time is reckoned in between 06.00 A.M. and 10.00 P.M.
Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

*****End of Test Report*****



For Enviro Tech Services Pvt. Ltd.

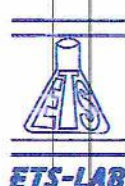
AUTHORIZED SIGNATORY
(Quality Manager)

Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461

TC-15390



TEST REPORT

TEST REPORT NO.: ETS/1203/11/2025 ULR.NO.TC153902500001203F DATE OF REPORT: 13.11.2025

NOISE MONITORING REPORT

Name And Address of Customer : TATA STEEL LIMITED
PLOT A-1, KADIANA KHURD, LUDHIANA,
PUNJAB-141015

Date of Monitoring : 07.11.2025
Monitoring Start Date : 07.11.2025
Monitoring End Date : 08.11.2025
Duration Of Monitoring : 24 HOURS
Sample ID No : 1203
Monitoring Done By : ETS STAFF
Sampling Location : NEAR HMLT-3
Sampling Method : IS 9989: 1981 REAFFIRMED-2023
Category Of Area : INDUSTRIAL AREA

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) |
|--------|------------------------|-------------|--------|-----------------------------------|
| 1 | Day Time Noise Level | Leq :dB (A) | 67.4 | 75 |
| 2 | Night Time Noise Level | Leq :dB (A) | 56.1 | 70 |

Remark: Day time is reckoned in between 06.00 A.M. and 10.00 P.M.
Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

*****End of Test Report*****



For Enviro Tech Services Pvt. Ltd.

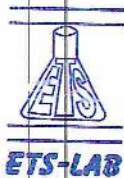
AUTHORIZED SIGNATORY
Raj Kumar
(Quality Manager)

Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TC-15390

TEST REPORT

TEST REPORT NO.: ETS/1204/11/2025

ULR.NO.TC153902500001204F

DATE OF REPORT: 13.11.2025

NOISE MONITORING REPORT

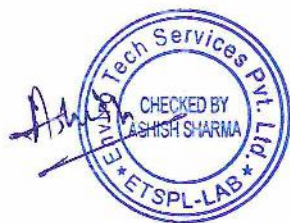
Name And Address of Customer : TATA STEEL LIMITED
PLOT A-1, KADIANA KHURD, LUDHIANA,
PUNJAB-141015

Date of Monitoring : 07.11.2025
Monitoring Start Date : 07.11.2025
Monitoring End Date : 08.11.2025
Duration Of Monitoring : 24 HOURS
Sample ID No : 1204
Monitoring Done By : ETS STAFF
Sampling Location : NEAR HMLT-31
Sampling Method : IS 9989: 1981 REAFFIRMED-2023
Category Of Area : INDUSTRIAL AREA

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) |
|--------|------------------------|-------------|--------|-----------------------------------|
| 1 | Day Time Noise Level | Leq :dB (A) | 67.3 | 75 |
| 2 | Night Time Noise Level | Leq :dB (A) | 54.4 | 70 |

Remark: Day time is reckoned in between 06.00 A.M. and 10.00 P.M.
Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

*****End of Test Report*****



Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY

MS Humraj
(Quality Manager)

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TC-15390

TEST REPORT

TEST REPORT NO.: ETS/1205/11/2025

ULR.NO.TC153902500001205F

DATE OF REPORT: 13.11.2025

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer

: TATA STEEL LIMITED
PLOT A-1, KADIANA KHURD, LUDHIANA,
PUNJAB-141015

Date Of Sampling : 07.11.2025
Analysis Start Date : 10.11.2025
Analysis End Date : 13.11.2025
Duration Of Sampling : 30 MIN.
Sample ID No. : 1205
Sampling Done By : ETS STAFF
Sampling Method : IS 11255 PART-3
Stack Attached To : DG SET (NEAR TATA OFFICE)
Capacity Of Stack : 125.0 KVA
Quantity Of Fuel Used :
Type Of Fuel Used : H.S.D
Stack Height Above Ground : 3.0 MTR.
Stack Dia At The Sampling Port : 100.0 MM
Material Of Construction : M.S.
Attached APCS : ACOUSTIC ENCLOSURE
D.G. Set Comm. Date : AFTER 01/04/2014 (> 75 KW TO < 800 KW)
Normal Operating Schedule : AS PER REQUIRMENTS
Ambient Temperature : 23.0°C
Flue Gas Temperature : 151.0°C
Velocity Of Flue Gases : 13.8 MTR./SEC.
Quantity Of Emission Discharged : 273.3 m³/hr

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|--------------------------------------|--------------------|--------|-----------------------------------|-------------------|
| 1 | Particulate Matters,(PM) | g/kw-hr | <0.02 | 0.02 | IS 11255 (Part-1) |
| 2 | Carbon Monoxide,(CO) | g/kw-hr | 0.47 | 3.5 | IS 13270 |
| 3 | Sulphur Dioxide,(SO ₂) | mg/Nm ³ | 32.4 | Not Specified | IS 11255 (Part-2) |
| 4 | Oxide of Nitrogen (NO _x) | g/kw-hr | 0.28 | 0.40 | IS-11255 (Part-7) |



For Enviro Tech Services Pvt. Ltd.

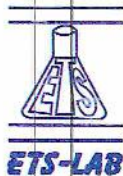
AUTHORIZED SIGNATORY
(Quality Manager)

Format No ETS/LAB/TR-05, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory



ISO 45001

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TEST REPORT

TEST REPORT NO.: ETS/1205/11/2025

DATE OF REPORT: 13.11.2025

STACK EMISSION MONITORING AND ANALYSIS REPORT

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|-------------------|---------|--------|-----------------------------------|-------------|
| 5 | Hydro Carbon (HC) | g/kw-hr | 0.08 | 0.19 | GC-METHOD |

*****End of Test Report*****



For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY

Mr. Humraj
(Quality Manager)

Format No ETS/LAB/TR-05, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TC-15390

TEST REPORT

TEST REPORT NO.: ETS/1206/11/2025

ULR.NO.TC153902500001206F

DATE OF REPORT: 13.11.2025

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer

: TATA STEEL LIMITED
PLOT A-1, KADIANA KHURD, LUDHIANA,
PUNJAB-141015

Date Of Sampling : 07.11.2025
Analysis Start Date : 10.11.2025
Analysis End Date : 13.11.2025
Duration Of Sampling : 30 MIN.
Sample ID No. : 1206
Sampling Done By : ETS STAFF
Sampling Method : IS 11255 PART-3
Stack Attached To : DG SET (NEAR CPSS-4)
Capacity Of Stack : 125.0 KVA
Quantity Of Fuel Used :
Type Of Fuel Used : H.S.D
Stack Height Above Ground : 2.0 MTR.
Stack Dia At The Sampling Port : 100.0 MM
Material Of Construction : M.S.
Attached APCS : ACOUSTIC ENCLOSURE
D.G. Set Comm. Date : AFTER 01/04/2014 (> 75 KW TO < 800 KW)
Normal Operating Schedule : AS PER REQUIREMENTS
Ambient Temperature : 23.0°C
Flue Gas Temperature : 140.0°C
Velocity Of Flue Gases : 14.0 MTR./SEC.
Quantity Of Emission Discharged : 285.9 m³/hr

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|--------------------------------------|---------|--------|-----------------------------------|-------------------|
| 1 | Particulate Matters, (PM) | g/kw-hr | <0.02 | 0.02 | IS 11255 (Part-1) |
| 2 | Carbon Monoxide, (CO) | g/kw-hr | 0.31 | 3.5 | IS 13270 |
| 3 | Sulphur Dioxide, (SO ₂) | mg/Nm³ | 25.8 | Not Specified | IS 11255 (Part-2) |
| 4 | Oxide of Nitrogen (NO _x) | g/kw-hr | 0.25 | 0.40 | IS-11255 (Part-7) |



For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY
Md Humraj
(Quality Manager)

Format No ETS/LAB/TR-05, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TEST REPORT

TEST REPORT NO.: ETS/1206/11/2025

DATE OF REPORT: 13.11.2025

STACK EMISSION MONITORING AND ANALYSIS REPORT

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|-------------------|---------|--------|-----------------------------------|-------------|
| 5 | Hydro Carbon (HC) | g/kw-hr | 0.06 | 0.19 | GC-METHOD |

*****End of Test Report*****



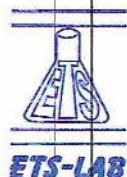
For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY
M. Humraj
(Quality Manager)

Format No ETS/LAB/TR-05, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461

TC-15390



TEST REPORT

TEST REPORT NO.: ETS/1207/11/2025

ULR.NO.TC153902500001207F

DATE OF REPORT: 13.11.2025

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer

: TATA STEEL LIMITED
PLOT A-1, KADIANA KHURD, LUDHIANA,
PUNJAB-141015

Date Of Sampling : 07.11.2025
Analysis Start Date : 10.11.2025
Analysis End Date : 13.11.2025
Duration Of Sampling : 30 MIN.
Sample ID No. : 1207
Sampling Done By : ETS STAFF
Sampling Method : IS 11255 PART-3
Stack Attached To : DG SET (MEALT SHOP)
Capacity Of Stack : 125.0 KVA
Quantity Of Fuel Used :
Type Of Fuel Used : H.S.D
Stack Height Above Ground : 2.5 MTR.
Stack Dia At The Sampling Port : 100.0 MM
Material Of Construction : M.S.
Attached APCS : ACOUSTIC ENCLOSURE
D.G. Set Comm. Date : AFTER 01/04/2014 (> 75 KW TO < 800 KW)
Normal Operating Schedule : AS PER REQUIRMENTS
Ambient Temperature : 23.0°C
Flue Gas Temperature : 138.0°C
Velocity Of Flue Gases : 13.0 MTR./SEC.
Quantity Of Emission Discharged : 266.0 m³/hr

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|--------------------------------------|--------------------|--------|-----------------------------------|-------------------|
| 1 | Particulate Matters,(PM) | g/kw-hr | <0.02 | 0.02 | IS 11255 (Part-1) |
| 2 | Carbon Monoxide,(CO) | g/kw-hr | 0.37 | 3.5 | IS 13270 |
| 3 | Sulphur Dioxide,(SO ₂) | mg/Nm ³ | 23.1 | Not Specified | IS 11255 (Part-2) |
| 4 | Oxide of Nitrogen (NO _x) | g/kw-hr | 0.22 | 0.40 | IS-11255 (Part-7) |



For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY

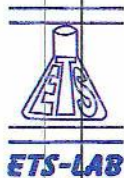
Humraj
(Quality Manager)

Format No ETS/LAB/TR-05, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory



ISO 45001

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TEST REPORT

TEST REPORT NO.: ETS/1207/11/2025

DATE OF REPORT: 13.11.2025

STACK EMISSION MONITORING AND ANALYSIS REPORT

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|-------------------|---------|--------|-----------------------------------|-------------|
| 5 | Hydro Carbon (HC) | g/kw-hr | 0.03 | 0.19 | GC-METHOD |

*****End of Test Report*****



Format No ETS/LAB/TR-05, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

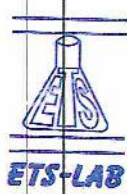
For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY

Md Humraj
(Quality Manager)

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TC-15390

TEST REPORT

TEST REPORT NO.: ETS/1208/11/2025

ULR.NO.TC153902500001208F

DATE OF REPORT: 13.11.2025

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer

: TATA STEEL LIMITED
PLOT A-1, KADIANA KHURD, LUDHIANA,
PUNJAB-141015

Date Of Sampling : 07.11.2025
Analysis Start Date : 10.11.2025
Analysis End Date : 13.11.2025
Duration Of Sampling : 30 MIN.
Sample ID No. : 1208
Sampling Done By : ETS STAFF
Sampling Method : IS 11255 PART-3
Stack Attached To : DG SET (NEAR MAIN GATE)
Capacity Of Stack : 125.0 KVA
Quantity Of Fuel Used :
Type Of Fuel Used : H.S.D
Stack Height Above Ground : 2.5 MTR.
Stack Dia At The Sampling Port : 100.0 MM
Material Of Construction : M.S.
Attached APCS : ACOUSTIC ENCLOSURE
D.G. Set Comm. Date : AFTER 01/04/2014 (> 75 KW TO < 800 KW)
Normal Operating Schedule : AS PER REQUIRMENTS
Ambient Temperature : 23.0°C
Flue Gas Temperature : 165.0°C
Velocity Of Flue Gases : 13.5 MTR./SEC.
Quantity Of Emission Discharged : 260.0 m³/hr

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|--------------------------------------|--------------------|--------|-----------------------------------|-------------------|
| 1 | Particulate Matters, (PM) | g/kw-hr | <0.02 | 0.02 | IS 11255 (Part-1) |
| 2 | Carbon Monoxide, (CO) | g/kw-hr | 0.54 | 3.5 | IS 13270 |
| 3 | Sulphur Dioxide, (SO ₂) | mg/Nm ³ | 31.5 | Not Specified | IS 11255 (Part-2) |
| 4 | Oxide of Nitrogen (NO _x) | g/kw-hr | 0.32 | 0.40 | IS-11255 (Part-7) |



For Enviro Tech Services Pvt. Ltd.

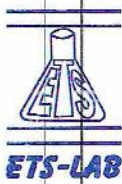
AUTHORIZED SIGNATORY
Humraj
(Quality Manager)

Format No ETS/LAB/TR-05, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461

TEST REPORT

TEST REPORT NO.: ETS/1208/11/2025

DATE OF REPORT: 13.11.2025

STACK EMISSION MONITORING AND ANALYSIS REPORT

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|-------------------|---------|--------|-----------------------------------|-------------|
| 5 | Hydro Carbon (HC) | g/kw-hr | 0.07 | 0.19 | GC-METHOD |

*****End of Test Report*****



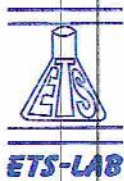
Format No ETS/LAB/TR-05, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

AUTHORIZED SIGNATORY

Md Humraj
(Quality Manager)

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TC-15390

TEST REPORT

TEST REPORT NO.: ETS/1209/11/2025

ULR.NO.TC153902500001209F

DATE OF REPORT: 13.11.2025

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer

: TATA STEEL LIMITED
PLOT A-1, KADIANA KHURD, LUDHIANA,
PUNJAB-141015

Date Of Sampling : 07.11.2025
Analysis Start Date : 10.11.2025
Analysis End Date : 13.11.2025
Duration Of Sampling : 30 MIN.
Sample ID No. : 1209
Sampling Done By : ETS STAFF
Sampling Method : IS 11255 PART-3
Stack Attached To : DG SET (CPSS-1)
Capacity Of Stack : 250.0 KVA
Quantity Of Fuel Used :
Type Of Fuel Used : H.S.D
Stack Height Above Ground : 2.0 MTR.
Stack Dia At The Sampling Port : 100.0 MM
Material Of Construction : M.S.
Attached APCS : ACOUSTIC ENCLOSURE
D.G. Set Comm. Date : AFTER 01/04/2014 (> 75 KW TO < 800 KW)
Normal Operating Schedule : AS PER REQUIRMENTS
Ambient Temperature : 23.0°C
Flue Gas Temperature : 110.0°C
Velocity Of Flue Gases : 12.6 MTR./SEC.
Quantity Of Emission Discharged : 278.0 m³/hr

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|------------------------------------|--------------------|--------|-----------------------------------|-------------------|
| 1 | Particulate Matters,(PM) | g/kw-hr | <0.02 | 0.02 | IS 11255 (Part-1) |
| 2 | Carbon Monoxide,(CO) | g/kw-hr | 0.45 | 3.5 | IS 13270 |
| 3 | Sulphur Dioxide,(SO ₂) | mg/Nm ³ | 24.8 | Not Specified | IS 11255 (Part-2) |
| 4 | Oxide of Nitrogen (NOx) | g/kw-hr | 0.20 | 0.40 | IS-11255 (Part-7) |



For Enviro Tech Services Pvt. Ltd.

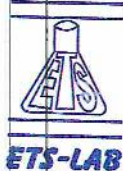
AUTHORIZED SIGNATORY
(Quality Manager)

Format No ETS/LAB/TR-05, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory



(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461

TEST REPORT

TEST REPORT NO.: ETS/1209/11/2025

DATE OF REPORT: 13.11.2025

STACK EMISSION MONITORING AND ANALYSIS REPORT

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per CPCB) | Test Method |
|--------|-------------------|---------|--------|-----------------------------------|-------------|
| 5 | Hydro Carbon (HC) | g/kw-hr | 0.04 | 0.19 | GC-METHOD |

*****End of Test Report*****



For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY
Amraj
(Quality Manager)

Format No ETS/LAB/TR-05, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory



(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461

TC-15390



TEST REPORT

TEST REPORT NO.: ETS/1210/11/2025

ULR.NO.TC153902500001210F

DATE OF REPORT: 13.11.2025

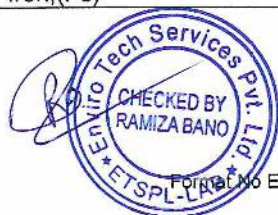
WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer

: TATA STEEL LIMITED
PLOT A-1, KADIANA KHURD, LUDHIANA,
PUNJAB-141015

Date of Sampling : 07.11.2025
 Analysis Start Date : 08.11.2025
 Analysis End Date : 13.11.2025
 Sample ID No : 1210
 Sampling Done By : ETS STAFF
 Sampling Description : DRINKING WATER
 Sampling Location : FROM WATER COOLER (PROJECT OFFICE)
 Sampling Method : IS 17614 PART-1
 Sample Quantity : 2.0 + 0.5 Ltr
 Packing Condition : SEALED
 Packed In : P.V.C. AND GLASS BOTTLE

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per IS:10500: 2012) | | Test Method |
|---------------------------------|-------------------------------------|-------|-----------|---|---------------|--------------------------------|
| | | | | Desirable | Permissible | |
| PHYSICAL & CHEMICAL PARAMETERS; | | | | | | |
| 1 | Colour | Hazen | < 5.0 | 5 | 15 | APHA 2120-B |
| 2 | Odour | ... | Agreeable | Agreeable | Agreeable | APHA 2150-B |
| 3 | Taste | ... | Agreeable | Agreeable | Agreeable | APHA 2160-C |
| 4 | pH | ... | 7.48 | 6.5 - 8.5 | No Relaxation | APHA 4500-H+ |
| 5 | Turbidity | NTU | <1.0 | 1 | 5 | APHA 2130-B |
| 6 | Fluoride,(F) | mg/L | 0.19 | 1 | 1.5 | APHA 4500:(F)-D |
| 7 | Total Dissolved Solids,(TDS) | mg/L | 278.1 | 500 | 2000 | APHA 2540-C |
| 8 | Chlorine (Residual) | mg/L | <0.02 | 0.2 | 1 | APHA 4500:(Cl)-B |
| 9 | Magnesium,(Mg) | mg/L | 9.1 | 30 | 100 | APHA 3500:(Mg)-B |
| 10 | Total Hardness,(CaCO ₃) | mg/L | 98.1 | 200 | 600 | APHA 2340-C |
| 11 | Calcium,(Ca) | mg/L | 24.4 | 75 | 200 | APHA 3500:(Ca)-B |
| 12 | Chloride,(Cl) | mg/L | 31.0 | 250 | 1000 | APHA 4500:(Cl-) -B |
| 13 | Nitrate,(NO ₃) | mg/L | <0.1 | 45 | No Relaxation | APHA 4500:(NO ₃)-B |
| 14 | Sulphate,(SO ₄) | mg/L | 13.2 | 200 | 400 | APHA 4500:(SO ₄)-E |
| HEAVY METALS;- | | | | | | |
| 15 | Copper,(Cu) | mg/L | <0.01 | 0.05 | 1.5 | APHA 3120B |
| 16 | Manganese,(Mn) | mg/L | <0.01 | 0.1 | 0.3 | APHA-3120B |
| 17 | Iron,(Fe) | mg/L | 0.17 | 1.0 | No Relaxation | APHA-3120B |



For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY
Rajendra Kumar (Quality Manager)

Form No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory



ISO 45001

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TEST REPORT

TEST REPORT NO.: ETS/1210/11/2025

DATE OF REPORT: 13.11.2025

WATER SAMPLE ANALYSIS REPORT

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per IS:10500: 2012) | | Test Method |
|----------------------------|------------------|-----------|--------|---|-------------|-------------|
| | | | | Desirable | Permissible | |
| MICROBIOLOGICAL PARAMETER; | | | | | | |
| 18 | Total Coliform | Per 100mL | Absent | Shall Not Be Detectable | | IS 15185 |
| 19 | Escherichia coli | Per 100mL | Absent | Shall Not Be Detectable | | IS 15185 |

*****End of Test Report*****



For Enviro Tech Services Pvt. Ltd.

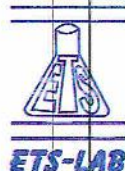
AUTHORIZED SIGNATORY

Md Humraj
(Quality Manager)

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note -

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory



(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461

TC-15390

TEST REPORT

TEST REPORT NO.: ETS/1211/11/2025

ULR.NO.TC153902500001211F

DATE OF REPORT: 13.11.2025

WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : TATA STEEL LIMITED
PLOT A-1, KADIANA KHURD, LUDHIANA,
PUNJAB-141015

Date of Sampling : 07.11.2025
Analysis Start Date : 08.11.2025
Analysis End Date : 13.11.2025
Sample ID No : 1211
Sampling Done By : ETS STAFF
Sampling Description : GROUND WATER
Sampling Location : FROM VILLAGE KADIANA KHURD
Sampling Method : IS 17614 PART-1
Sample Quantity : 2.0 + 0.5 Ltr
Packing Condition : SEALED
Packed In : P.V.C. AND GLASS BOTTLE

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per IS:10500: 2012) | | Test Method |
|---------------------------------|-------------------------------------|-------|-----------|---|---------------|---------------------------------|
| | | | | Desirable | Permissible | |
| PHYSICAL & CHEMICAL PARAMETERS; | | | | | | |
| 1 | Colour | Hazen | < 5.0 | 5 | 15 | APHA 2120-B |
| 2 | Odour | ... | Agreeable | Agreeable | Agreeable | APHA 2150-B |
| 3 | Taste | ... | Agreeable | Agreeable | Agreeable | APHA 2160-C |
| 4 | pH | ... | 7.32 | 6.5 - 8.5 | No Relaxation | APHA 4500-H+ |
| 5 | Turbidity | NTU | <1.0 | 1 | 5 | APHA 2130-B |
| 6 | Fluoride,(F) | mg/L | 0.28 | 1 | 1.5 | APHA 4500:(F)-D |
| 7 | Total Dissolved Solids,(TDS) | mg/L | 481.5 | 500 | 2000 | APHA 2540-C |
| 8 | Chlorine (Residual) | mg/L | <0.1 | 0.2 | 1 | APHA 4500:(Cl)-B |
| 9 | Magnesium,(Mg) | mg/L | 16.8 | 30 | 100 | APHA 3500:(Mg)-B |
| 10 | Total Hardness,(CaCO ₃) | mg/L | 185.8 | 200 | 600 | APHA 2340-C |
| 11 | Calcium,(Ca) | mg/L | 46.1 | 75 | 200 | APHA 3500:(Ca)-B |
| 12 | Chloride,(Cl) | mg/L | 74.4 | 250 | 1000 | APHA 4500:(Cl-) -B |
| 13 | Nitrate,(NO ₃) | mg/L | 0.96 | 45 | No Relaxation | APHA 4500:(NO ₃ -)-B |
| 14 | Sulphate,(SO ₄) | mg/L | 24.2 | 200 | 400 | APHA 4500:(SO ₄)-E |
| HEAVY METALS;- | | | | | | |
| 15 | Copper,(Cu) | mg/L | <0.01 | 0.05 | 1.5 | APHA 3120B |
| 16 | Manganese,(Mn) | mg/L | <0.01 | 0.1 | 0.3 | APHA-3120B |
| 17 | Iron,(Fe) | mg/L | 0.23 | 1.0 | No Relaxation | APHA-3120B |



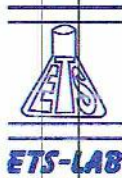
Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

For Enviro Tech Services Pvt. Ltd.
AUTHORIZED SIGNATORY
Md Mumraj
(Quality Manager)

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TEST REPORT

TEST REPORT NO.: ETS/1211/11/2025

DATE OF REPORT: 13.11.2025

WATER SAMPLE ANALYSIS REPORT

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per IS:10500: 2012) | | Test Method |
|----------------------------|------------------|------------|--------|---|-------------|-------------|
| | | | | Desirable | Permissible | |
| MICROBIOLOGICAL PARAMETER; | | | | | | |
| 18 | Total Coliform | MPN/ 100mL | <2 | Not Specified | | IS 1622 |
| 19 | Escherichia coli | MPN/ 100mL | <2 | Not Specified | | IS 1622 |

*****End of Test Report*****



For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY
Jyoti Neogi
(Microbiologist)

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory



(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461

TC-15390

TEST REPORT

TEST REPORT NO.: ETS/1212/11/2025

ULR.NO.TC153902500001212F

DATE OF REPORT: 13.11.2025

WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer

: TATA STEEL LIMITED
PLOT A-1, KADIANA KHURD, LUDHIANA,
PUNJAB-141015

Date of Sampling : 07.11.2025
Analysis Start Date : 08.11.2025
Analysis End Date : 13.11.2025
Sample ID No : 1212
Sampling Done By : ETS STAFF
Sampling Description : GROUND WATER
Sampling Location : VILLAGE-DHANANSU
Sampling Method : IS 17614 PART-1
Sample Quantity : 2.0 + 0.5 Ltr
Packing Condition : SEALED
Packed In : P.V.C. AND GLASS BOTTLE

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per IS:10500: 2012) | | Test Method |
|---------------------------------|-------------------------------------|-------|-----------|---|---------------|--------------------------------|
| | | | | Desirable | Permissible | |
| PHYSICAL & CHEMICAL PARAMETERS; | | | | | | |
| 1 | Colour | Hazen | < 5.0 | 5 | 15 | APHA 2120-B |
| 2 | Odour | ... | Agreeable | Agreeable | Agreeable | APHA 2150-B |
| 3 | Taste | ... | Agreeable | Agreeable | Agreeable | APHA 2160-C |
| 4 | pH | ... | 7.44 | 6.5 - 8.5 | No Relaxation | APHA 4500-H+ |
| 5 | Turbidity | NTU | <1.0 | 1 | 5 | APHA 2130-B |
| 6 | Fluoride,(F) | mg/L | 0.35 | 1 | 1.5 | APHA 4500:(F)-D |
| 7 | Total Dissolved Solids,(TDS) | mg/L | 492.8 | 500 | 2000 | APHA 2540-C |
| 8 | Chlorine (Residual) | mg/L | <0.1 | 0.2 | 1 | APHA 4500:(Cl)-B |
| 9 | Magnesium,(Mg) | mg/L | 18.7 | 30 | 100 | APHA 3500:(Mg)-B |
| 10 | Total Hardness,(CaCO ₃) | mg/L | 178.5 | 200 | 600 | APHA 2340-C |
| 11 | Calcium,(Ca) | mg/L | 40.4 | 75 | 200 | APHA 3500:(Ca)-B |
| 12 | Chloride,(Cl) | mg/L | 68.1 | 250 | 1000 | APHA 4500:(Cl-) -B |
| 13 | Nitrate,(NO ₃) | mg/L | 0.87 | 45 | No Relaxation | APHA 4500:(NO ₃)-B |
| 14 | Sulphate,(SO ₄) | mg/L | 20.5 | 200 | 400 | APHA 4500:(SO ₄)-E |
| HEAVY METALS;- | | | | | | |
| 15 | Copper,(Cu) | mg/L | <0.01 | 0.05 | 1.5 | APHA 3120B |
| 16 | Manganese,(Mn) | mg/L | <0.01 | 0.1 | 0.3 | APHA-3120B |
| 17 | Iron,(Fe) | mg/L | 0.29 | 1.0 | No Relaxation | APHA-3120B |



Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

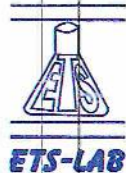
AUTHORIZED SIGNATORY

Md Humraj
(Quality Manager)

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TEST REPORT

TEST REPORT NO.: ETS/1212/11/2025

DATE OF REPORT: 13.11.2025

WATER SAMPLE ANALYSIS REPORT

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per IS:10500: 2012) | | Test Method |
|----------------------------|------------------|------------|--------|---|-------------|-------------|
| | | | | Desirable | Permissible | |
| MICROBIOLOGICAL PARAMETER; | | | | | | |
| 18 | Total Coliform | MPN/ 100mL | <2 | Not Specified | | IS 1622 |
| 19 | Escherichia coli | MPN/ 100mL | <2 | Not Specified | | IS 1622 |

*****End of Test Report*****



For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY

Jyoti Neogi
(Signature)

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461

TC-15390



TEST REPORT

TEST REPORT NO.: ETS/1213/11/2025

ULR.NO.TC153902500001213F

DATE OF REPORT: 13.11.2025

WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer

: TATA STEEL LIMITED
PLOT A-1, KADIANA KHURD, LUDHIANA,
PUNJAB-141015

Date of Sampling

: 07.11.2025

Analysis Start Date

: 08.11.2025

Analysis End Date

: 13.11.2025

Sample ID No

: 1213

Sampling Done By

: ETS STAFF

Sampling Description

: GROUND WATER

Sampling Location

: KHASI KHURD

Sampling Method

: IS 17614 PART-1

Sample Quantity

: 2.0 + 0.5 Ltr

Packing Condition

: SEALED

Packed In

: P.V.C. AND GLASS BOTTLE

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per IS:10500: 2012) | | Test Method |
|---------------------------------|-------------------------------------|-------|-----------|---|---------------|---------------------------------|
| | | | | Desirable | Permissible | |
| PHYSICAL & CHEMICAL PARAMETERS; | | | | | | |
| 1 | Colour | Hazen | < 5.0 | 5 | 15 | APHA 2120-B |
| 2 | Odour | ... | Agreeable | Agreeable | Agreeable | APHA 2150-B |
| 3 | Taste | ... | Agreeable | Agreeable | Agreeable | APHA 2160-C |
| 4 | pH | ... | 7.30 | 6.5 - 8.5 | No Relaxation | APHA 4500-H+ |
| 5 | Turbidity | NTU | <1.0 | 1 | 5 | APHA 2130-B |
| 6 | Fluoride,(F) | mg/L | 0.23 | 1 | 1.5 | APHA 4500:(F-)-D |
| 7 | Total Dissolved Solids,(TDS) | mg/L | 471.8 | 500 | 2000 | APHA 2540-C |
| 8 | Chlorine (Residual) | mg/L | <0.1 | 0.2 | 1 | APHA 4500:(Cl)-B |
| 9 | Magnesium,(Mg) | mg/L | 19.8 | 30 | 100 | APHA 3500:(Mg)-B |
| 10 | Total Hardness,(CaCO ₃) | mg/L | 165.4 | 200 | 600 | APHA 2340-C |
| 11 | Calcium,(Ca) | mg/L | 33.1 | 75 | 200 | APHA 3500:(Ca)-B |
| 12 | Chloride,(Cl) | mg/L | 60.5 | 250 | 1000 | APHA 4500:(Cl-)-B |
| 13 | Nitrate,(NO ₃) | mg/L | 0.81 | 45 | No Relaxation | APHA 4500:(NO ₃ -)-B |
| 14 | Sulphate,(SO ₄) | mg/L | 18.4 | 200 | 400 | APHA 4500:(SO ₄)-E |
| HEAVY METALS;- | | | | | | |
| 15 | Copper,(Cu) | mg/L | <0.01 | 0.05 | 1.5 | APHA 3120B |
| 16 | Manganese,(Mn) | mg/L | <0.01 | 0.1 | 0.3 | APHA-3120B |
| 17 | Iron,(Fe) | mg/L | 0.19 | 1.0 | No Relaxation | APHA-3120B |



For Enviro Tech Services Pvt. Ltd.

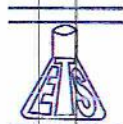
AUTHORIZED SIGNATORY
(Quality Manager)

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





ETS-LAB

ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory

ISO 45001

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TEST REPORT

TEST REPORT NO.: ETS/1213/11/2025

DATE OF REPORT: 13.11.2025

WATER SAMPLE ANALYSIS REPORT

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per IS:10500: 2012) | | Test Method |
|----------------------------|------------------|------------|--------|---|-------------|-------------|
| | | | | Desirable | Permissible | |
| MICROBIOLOGICAL PARAMETER; | | | | | | |
| 18 | Total Coliform | MPN/ 100mL | <2 | Not Specified | | IS 1622 |
| 19 | Escherichia coli | MPN/ 100mL | <2 | Not Specified | | IS 1622 |

*****End of Test Report*****



For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY

Joyita Neogi
(Microbiologist)

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.



ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory



(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461

TC-15390

TEST REPORT

TEST REPORT NO.: ETS/1214/11/2025

ULR.NO.TC153902500001214F

DATE OF REPORT: 13.11.2025

WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer

: TATA STEEL LIMITED
PLOT A-1, KADIANA KHURD, LUDHIANA,
PUNJAB-141015

Date of Sampling : 07.11.2025
Analysis Start Date : 08.11.2025
Analysis End Date : 13.11.2025
Sample ID No : 1214
Sampling Done By : ETS STAFF
Sampling Description : GROUND WATER
Sampling Location : FROM INSIDE PLANT
Sampling Method : IS 17614 PART-1
Sample Quantity : 2.0 + 0.5 Ltr
Packing Condition : SEALED
Packed In : P.V.C. AND GLASS BOTTLE

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per IS:10500: 2012) | | Test Method |
|---------------------------------|-------------------------------------|-------|-----------|---|---------------|--------------------------------|
| | | | | Desirable | Permissible | |
| PHYSICAL & CHEMICAL PARAMETERS; | | | | | | |
| 1 | Colour | Hazen | < 5.0 | 5 | 15 | APHA 2120-B |
| 2 | Odour | ... | Agreeable | Agreeable | Agreeable | APHA 2150-B |
| 3 | Taste | ... | Agreeable | Agreeable | Agreeable | APHA 2160-C |
| 4 | pH | ... | 7.56 | 6.5 - 8.5 | No Relaxation | APHA 4500-H+ |
| 5 | Turbidity | NTU | <1.0 | 1 | 5 | APHA 2130-B |
| 6 | Fluoride,(F) | mg/L | 0.35 | 1 | 1.5 | APHA 4500:(F-)-D |
| 7 | Total Dissolved Solids,(TDS) | mg/L | 488.2 | 500 | 2000 | APHA 2540-C |
| 8 | Chlorine (Residual) | mg/L | <0.1 | 0.2 | 1 | APHA 4500:(Cl)-B |
| 9 | Magnesium,(Mg) | mg/L | 12.8 | 30 | 100 | APHA 3500:(Mg)-B |
| 10 | Total Hardness,(CaCO ₃) | mg/L | 171.5 | 200 | 600 | APHA 2340-C |
| 11 | Calcium,(Ca) | mg/L | 47.2 | 75 | 200 | APHA 3500:(Ca)-B |
| 12 | Chloride,(Cl) | mg/L | 69.0 | 250 | 1000 | APHA 4500:(Cl-)-B |
| 13 | Nitrate,(NO ₃) | mg/L | 0.86 | 45 | No Relaxation | APHA 4500:(NO ₃)-B |
| 14 | Sulphate,(SO ₄) | mg/L | 24.0 | 200 | 400 | APHA 4500:(SO ₄)-E |
| HEAVY METALS;- | | | | | | |
| 15 | Copper,(Cu) | mg/L | <0.01 | 0.05 | 1.5 | APHA 3120B |
| 16 | Manganese,(Mn) | mg/L | <0.01 | 0.1 | 0.3 | APHA-3120B |
| 17 | Iron,(Fe) | mg/L | 0.20 | 1.0 | No Relaxation | APHA-3120B |



For Enviro Tech Services Pvt. Ltd.

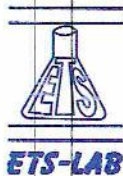
AUTHORIZED SIGNATORY
Md Humraj
(Quality Manager)

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TEST REPORT

TEST REPORT NO.: ETS/1214/11/2025

DATE OF REPORT: 13.11.2025

WATER SAMPLE ANALYSIS REPORT

| S. No. | Test Parameter | Unit | Result | Specification/Limit (As per IS:10500: 2012) | | Test Method |
|----------------------------|------------------|------------|--------|---|-------------|-------------|
| | | | | Desirable | Permissible | |
| MICROBIOLOGICAL PARAMETER; | | | | | | |
| 18 | Total Coliform | MPN/ 100mL | <2 | Not Specified | | IS 1622 |
| 19 | Escherichia coli | MPN/ 100mL | <2 | Not Specified | | IS 1622 |

*****End of Test Report*****



Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY

Joyita Neogi
(Microbiologist)

Note :-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.

Annexure 5: Plantation Details of Tata Steel EAF Ludhiana Project

Pictures of Planted Saplings – planted 12000 till Sept' 25.



Pictures of Planted Saplings



Thanks


STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, PUNJAB

Ministry of Environment, Forest & Climate Change, Government of India

PBTI Complex, Knowledge City, Sector-81, SAS Nagar-140306

seiaapb2017@gmail.com

SEIAA/MS/2025/ 705

Date: 12/11/25

To

M/s Tata Steel Limited,
 C-44-47, Phase 2, Focal Point,
 Ludhiana, Punjab – 141010
 Email: ravi.prasoon@tatasteel.com,
vipin.thakur@tatasteel.com

Subject: Request for Timeline Extension of Environment Clearance Condition No. VII(i) regarding plantation of 24,000 saplings in 15.36 ha (33% of plant area) by September 2025.- M/s Tata Steel Limited.

Reference: Your office letter no. E&P/LDH/00215/25 dated 24.09.2025.

With regard to letter under reference, it is intimated that your request regarding Extension in timeline for Environment Clearance Condition No. VII(i) granted vide EC no. EC23B008PB183863 dated 10.08.2023 was considered during 322nd meeting of SEIAA held on 29.10.2025, wherein, after detailed deliberations, it was decided to accept the request to grant an extension of two years, for carrying out remaining plantation work in compliance to the stipulated EC condition.

This extension must remain appended with the original Environmental Clearance issued by SEIAA, Punjab vide Environment Clearance no. EC23B008PB183863 dated 10.08.2023 with certain terms and conditions mentioned therein.

This is for your information and further necessary action in the matter.

[Signature]
 12/11/25
Environmental Engineer
[Initials]


STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, PUNJAB

Ministry of Environment, Forest & Climate Change, Government of India

PBTI Complex, Knowledge City, Sector-81, SAS Nagar-140306

seiaapb2017@gmail.com

SEIAA/MS/2025/ 705

Date: 12/11/25

To

M/s Tata Steel Limited,
 C-44-47, Phase 2, Focal Point,
 Ludhiana, Punjab – 141010
 Email: ravi.prasoon@tatasteel.com,
vipin.thakur@tatasteel.com

Subject: Request for Timeline Extension of Environment Clearance Condition No. VII(i) regarding plantation of 24,000 saplings in 15.36 ha (33% of plant area) by September 2025.- M/s Tata Steel Limited.

Reference: Your office letter no. E&P/LDH/00215/25 dated 24.09.2025.

With regard to letter under reference, it is intimated that your request regarding Extension in timeline for Environment Clearance Condition No. VII(i) granted vide EC no. EC23B008PB183863 dated 10.08.2023 was considered during 322nd meeting of SEIAA held on 29.10.2025, wherein, after detailed deliberations, it was decided to accept the request to grant an extension of two years, for carrying out remaining plantation work in compliance to the stipulated EC condition.

This extension must remain appended with the original Environmental Clearance issued by SEIAA, Punjab vide Environment Clearance no. EC23B008PB183863 dated 10.08.2023 with certain terms and conditions mentioned therein.

This is for your information and further necessary action in the matter.

[Signature]
 12/11/25
Environmental Engineer
[Initials]

Compliance Report- FY 25-26
Reporting Period: April 2025-September 2025
Location: Ludhiana

Proposed Additional Environment Activity (AEA) Plan for Ludhiana

All amount in lakhs

| Particulars | Year 1 (2023-24) | Year 2 (2024-25) | Year 3 (FY 25-26) | Year 4 (FY 26-27) | Year 5 (FY 27-28) | Total |
|---|---------------------|---------------------|----------------------|----------------------|----------------------|---------|
| | Plan | | | | | |
| Solution for waste/sewage water management in 10-12 Gram Panchayat in Proximate Villages through Seechewal Model | 22 | 222.48 | 155.74 | 558.01 | 599.35 | 1557.58 |
| Solid Waste Management including composting/vermi-composting in 12 villages including operation and maintenance cost for five years. | 0 | 33 | 33 | 66 | 66 | 198 |
| Creating/Upgrading Community Park or Space | 0 | 66 | 0 | 0 | 0 | 66 |
| Installation of Solar Solutions to promote green energy | 30.8 | 73.92 | 73.92 | 30.8 | 30.8 | 240.24 |
| Provision of Roof top Rainwater harvesting in Public Schools or in other Public Buildings in Proximate village | 0 | 11 | 11 | 11 | 11 | 44 |
| Cleaner Fuels (Provision of Bio-gas for low income households) | 0 | 5.5 | 5.5 | 5.5 | 5.5 | 22 |
| Plantation (PSIEC Approach road from Plant gate to Hi-Tech valley connecting road) | 15 | 4.5 | 3 | 1.5 | 0 | 24 |
| Community Symposium on Agri Farm including supply of Crop Residue machinery for management of stubble burning (In-situ/ Ex-situ in consultation with District Administration) | 5.5 | 33 | 27.5 | 27.5 | 27.5 | 121 |
| The Green School Project to promote behaviour change for environmental conservation and develop resilience among vulnerable communities through school ecosystem and Miscellaneous Activities | 0 | 33 | 38.5 | 38.5 | 33 | 143 |
| Community based Upcycling of Plastic Waste and distribution of Alternate to plastics. | 5.5 | 55 | 27.5 | 27.5 | 27.5 | 143 |
| Community & Youth Awareness on Environment through Outbound Activities. | 0 | 11 | 11 | 8.8 | 8.8 | 39.6 |
| Total | 79 | 548 | 387 | 775 | 809 | 2598 |

Expense incurred under Additional Environment Activity (AEA) from Apr 2025- Sept 2025*All amount in lakhs*

| Sl. | Particulars | Plan (FY 25-26) | Expenditure (Apr 25-Sept 25) |
|-----|---|--------------------|---------------------------------|
| 1 | Solution for waste/sewage water management in 10-12 Gram Panchayat in Proximate Villages through Seechewal Model developed by Tata Steel Foundation and managed by the Gram Panchayat including operation and maintenance cost till five years. (****Depending on cost variation the number of villages may increase or decrease and budget remains same) | 155.74 | 33.21 |
| 2 | Solid Waste Mgmt including composting /vermi composting in 12 villages | 33 | 0 |
| 3 | Creating/Upgrading Community Park or Space | 0 | 0 |
| 4 | Installation of Solar Solutions to promote green energy | 73.92 | 0 |
| 5 | Provision of Roof top Rainwater harvesting in Public Schools or in other Public Buildings in Proximate village | 11 | 0 |
| 6 | Cleaner Fuels (Provision of Bio-gas) | 5.5 | 0 |
| 7 | Plantation (PSIEC Approach road start from Plant gate to Hi- Tech valley connecting road). | 3 | 3.14 |
| 8 | Community Symposium on Agri Farm including supply of Crop Residue machinery for management of stubble burning | 27.5 | 6.36 |
| 9 | The Green School Project to promote behaviour change for environmental conservation and develop resilience among vulnerable communities through school ecosystems & Miscellaneous Activities. | 38.5 | 15.56 |
| 10 | Community based Upcycling of Plastic Waste and distribution of alternate to plastics. | 27.5 | 0.66 |
| 11 | Community & Youth Awareness on Environment through Outbound Activities | 11 | 0 |
| | Total | 387 | 58.93 |

1. Solution for Community Sewage Treatment and Waste Water Management through Seechewal Model in Khasi Khurd Village, Ludhiana East Block, Punjab**1.1 Background**

Through the Seechewal Model, the wastewater issue in Khasi Khurd village, Ludhiana East block, District Ludhiana, Punjab, has been effectively addressed. A Seechewal structure has been constructed to manage and treat the waste. Previously, the village's wastewater pond was in the center of the village near the school, posing serious health, sanitation, and safety risks, as well as serving as a breeding ground for flies, mosquitoes, and other insects. Currently, 80% of the structure is complete, and pipeline installation is underway to ensure proper wastewater management.

1.2 Activities conducted from April 2025-September 2025**1. Laying of Submersible pipe:**

Laying of submersible pipe in village roads to connect household to waste water system was in progress from April 2025-September 2025. Due to heavy monsoon the work could not be completed by Sept 2025.

2. Boundary Wall Work

During this reporting period, construction of the boundary wall has commenced to ensure the long-term protection and preservation of the Seechewal structure. This initiative is aimed at safeguarding the integrity of the site and preventing any potential damage, thereby maintaining its cultural and community significance.

Glimpses of the Activities Conducted



2. Solution for Sustainable water management and conservation through Roof top Rainwater harvesting in Public Schools or in other Public Buildings in Proximate village.

2.1 Activities conducted from April 2025-September 2025

To promote sustainable water conservation and management, 01 Rainwater Harvesting of capacity 12.27 m³ will be initiated in Senior Secondary School, Dhanasu. The school authorities informed that during heavy rains water used to accumulate on the roof, resulting in waterlogging, seepage inside the classrooms and gradual structural damage to the building and informed that the school relies on a borewell for its daily needs. To address both challenges- water logging and dependance on ground water- RWH system has been introduced in the school.

Through the RWH system, the rooftop rainwater will be efficiently collected and channelized to a recharge structure. This helps in recharging the groundwater table, which is especially important because the school depends on a borewell for its daily water requirements. With this system, the school will be able to conserve rainwater during monsoons and reduce over-extraction of groundwater.

The RWH system supports environmental conservation by reducing wastage of rainwater and ensuring its proper utilization for groundwater recharge. The work will be initiated in the month of October and to be completed by Dhanansu 2026

3. Installation of Bio- Gas Plant

3.1 Background

A domestic biogas plant has been installed in Kadiana Khurd village, promoting clean energy and efficient waste management. By converting organic waste into cooking fuel, the plant helps families save ₹800–₹1000 each month, reducing their dependence on LPG.

3.2 Activities conducted from April 2025 - September 2025

During this period, pre-assessment for biogas installation began to identify suitable households based on livestock availability, water access, and willingness to adopt the technology. After evaluating these parameters, the final list of households was prepared. Subsequently, site selection for installation was carried out, focusing on factors such as proximity to the kitchen and structural feasibility. All preparatory activities have been completed to enable smooth installation during the November- December period, aligning with favorable weather conditions and farmer convenience.

Glimpses of the Activities Conducted



4.Plantation

4.1 Background

Plantation is one of the most important constituents of soft landscaping. Trees, shrubs and climbers have been used to enhance the soft natural ambience against harsh elements in most of the enhancement schemes. The planting species are decided based on the physical growth characteristics of trees, like form and shape, foliage pattern, growth rate, branching pattern, soil characteristics etc.

4.2 Activities conducted from April 2025-September 2025

To enhance greenery and improve the local environment. A total of 60 saplings have been successfully planted so far along the designated area out of 240 saplings. To ensure the long-term survival and safety of the newly planted trees, tree guards and protective mesh have also been procured and installed. The protection measures have been taken to prevent damage from stray animals, traffic movement, and external disturbances.

Plantation of 240 saplings with tree guard is planned in FY 2025-2026

Glimpses of Activities conducted.



5. Community Symposium on Agri Farm

5.1 Background

Memorandum of understanding has been signed with Reviving Green Cell to implement climate resilient agricultural practices are indispensable for ensuring the sustainability, productivity and adaptability of agriculture in the face of climate change. It will address the interconnected challenges of the food security, resource conservation and overall wellbeing of farming communities and the planet. Community symposium on agri farm aims to empower local communities to enhance the sustainability of agriculture and contribute to the overall resilience of the community in the face of climate changes. These are continuous activities a conducted throughout the year.

5.2 Activities conducted from April 2025 -September 2025

(i) Kharif Demonstration

During the Kharif season, the Reviving Green Revolution (RGR) Cell established 24 on-field demonstrations across project villages to promote sustainable and resource-efficient paddy cultivation practices. A major intervention among these was the Direct Seeded Rice (DSR) demonstration using the Lucky Seed Drill, with a total of 13 demonstrations established. The initiative aimed to showcase the benefits of DSR over conventional transplanting — including reduced labour dependency, lower input costs, water conservation, and timely sowing. However, due to the sandy soil conditions prevalent in the area, the success rate was limited, and only three demonstrations were retained by the farmers.

(ii) Installation of Alternate Wetting and Drying Pipe

A total of 120 Alternate Wetting and Drying (AWD) pipes were successfully installed across the project villages by the RGR Cell team to promote water-efficient paddy cultivation practices. These installations were implemented in farmers' fields to demonstrate the benefits of intermittent irrigation, which helps conserve water, reduce methane emissions, and enhance crop productivity.

During the initial phase of implementation, farmers recorded a 36% reduction in irrigation frequency in AWD-installed plots (2.16 irrigations) compared to control plots (3.39 irrigations).

On average, irrigation was applied when the water receded to a depth of approximately 5.5 inches, demonstrating effective adoption of water-saving practices and a positive shift toward sustainable paddy management.

(iii) Establishment of Nutrition Garden.

Nutrition gardens were established across project villages, engaging 120 households—primarily led by women—in cultivating a diverse range of vegetables. Beyond improving nutrition, these gardens played a vital role in climate resilience.

Following were the objectives:

- Promoting local food production thereby reducing dependency on market-bought vegetables thereby lowering the carbon footprint associated with transportation.
- The use of seasonal and locally adapted seeds also enhances biodiversity and supports sustainable farming practices that are better suited to changing climate conditions.
- Empowering women by involving them directly in food production contributing to household food security and improved nutrition.

To support this initiative, winter season seed kits were distributed, enabling families to grow a wider variety of nutrient-rich vegetables than before.

To sustain this momentum and further embed the habit of home gardening, 250 summer season seed kits were distributed across the villages. This continuity ensures year-round access to fresh produce, strengthens community resilience, and fosters environmentally sustainable livelihoods

(iv) Celebration of World Environment Day

World Environment Day was celebrated by the RGR Cell through a tree plantation drive at village Machian Khurd and Mianwal. On this occasion, saplings were planted at schools, Anganwadi centres and other public places to promote environmental awareness and encourage the community to take part in green initiatives. Farmers, residents, and project staff participated in the event, highlighting the importance of trees in maintaining ecological balance and combating climate change. This effort aimed to inspire long-term commitment towards environmental protection and create a cleaner, greener, and healthier atmosphere in the villages.

(v) Village Level Camp

A total 12 first round of village-level awareness camps was carried out with the participation of a total of 145 farmers. During these camps, discussions were held on Rice crop with emphasis on major diseases and insect pest attacks such as sheath blight and leaf folder, along with their recommended control measures. Farmers were also guided on identifying and managing deficiency symptoms in crops. Additionally, the importance of soil testing was highlighted to promote balanced nutrient application and sustainable crop production.

(vi) Animal Health Check-up Camp

Animal Health Check-up Camp was held in Bhukri Kalan and Bhukri Khurd villages, drawing participation from 14 farmers. Veterinary experts from GADVASU examined a total of 68 animals during the camp. Farmers were provided with guidance on proper livestock management, vaccination schedules, and preventive measures for common diseases. The initiative enhanced farmers' awareness of animal care and encouraged the adoption of improved livestock health practices in the villages. Mastitis detection kits were also distributed among the farmers.

(vii) Exposure visit of Farmers

An Exposure Visit of farmers from the project villages was organized to Punjab Agricultural University (PAU), Ludhiana) under the RGR Cell and TSF project. During the visit, a total of 31 farmers visited to the kisan mela where farmers gained valuable knowledge about modern agricultural machinery and advanced farming technologies. They also visited the RGR Cell stall, where they were briefed about the ongoing activities and initiatives of the cell aimed at promoting sustainable agriculture and improving farmers' livelihoods. This visit provided farmers with practical exposure and encouraged them to adopt modern techniques for enhanced productivity and efficiency on their farms.

Glimpses of Activities conducted.



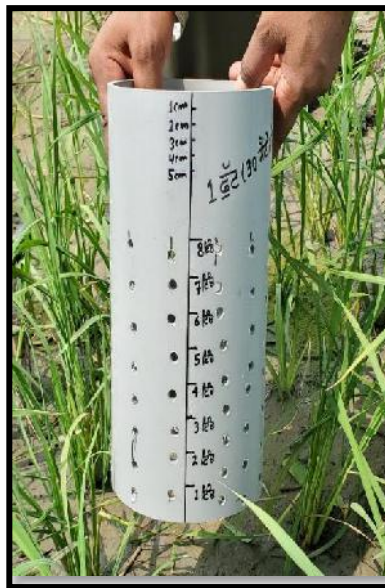
Nutrition Garden



Kharif Demonstration



Plantation Drive on World Environment Day



Installation of AWD Pipes



Animal Health Check Up



Exposure Visit of Farmers

6.Community based Upcycling of Plastic Waste and alternate to plastic

6.1 Background

Community-based upcycling of plastic wastes and alternate to plastic involves local efforts within a community to creatively engage in making products that are alternate to plastic. This approach emphasizes community engagement as well as environmental sustainability.

6.2 Activities conducted from April 2025 - September 2025

A total of 400 jute bags were procured and will be distributed in the villages to encourage residents to reduce the use of plastic and adopt eco-friendly alternatives. The initiative aimed to promote sustainable habits and support village-level efforts towards a cleaner environment.

Glimpses of Activities conducted.



7. The Green School

7.1 Background

To Enhance students' knowledge in environment awareness and conservation through 'The Green School Initiative'. The Green School Project is being implemented in collaboration with TERI, The Energy Resource Institute in 25 Government school of Ludhiana District of Punjab. The Green School Project is a sustainability education program focused on environmental awareness and action to educate students on climate change, promote sustainable practices, and encourage holistic, critical, and interdisciplinary thinking through both classroom and outdoor learning experiences.

7.3 Activities conducted from April 2025 - September 2025

- (i) **Formation of Environment Management Committee:-** Under Green School Initiative, EMC has been formed in all 17 schools out of 25 schools in Ludhiana to promote eco-friendly activities and environmental stewardship among students. These committees involve students, teachers, and community members to implement and manage environment related activities at school level.
- (ii) **Be- Ecomatic Workshop-** Be Ecomatic Workshop in collaboration with The Energy Resource Institute (TERI) has been conducted in 17 primary and senior secondary school, focusing on waste management and biodiversity. Activities included Self watering plant, Paper recycling, Matka composting, bio-enzyme creation, and paper recycling, teaching students sustainable practices. This workshop provided hands-on learning and raising awareness on adopting eco-friendly practices in daily life.
- (iii) **Celebration of World Environment Day-** World Environment Day was celebrated in 03 village(Machiyan Kalan, Kadiana Khurd, and Bukhri Khurd) through tree plantation drive, rallies and poster making competitions to spread awareness about environmental protection and its importance.
- (iv) **Drip Irrigation** -A low-cost drip irrigation using recycled plastic bottles has been installed in 8 schools. Through this activity students learned the efficient water usage and the importance of water conservation and sustainable environmental practices in a creative and impactful way.
- (v) **Celebration of Akshay Urja Diwas-** Rajiv Gandhi Akshay Urja Diwas was celebrated across 10 schools in Ludhiana, (01 high school, 02 middle schools, and 07 primary schools). The event featured a variety of engaging activities such as model exhibitions on renewable energy, poster-making competitions on the theme "Green Energy for a Clean Future", and debates on the topic "Is India Ready for 100% Renewable Energy?".
- (vi) **Tiger Day Celebration-** International Tiger Day was celebration across 08 government school, (01 high school, 01 senior secondary school, 01 middle school, and 05 primary schools). Students participated in a variety of engaging activities such as tiger mask-making using paper, quiz competitions, poster creation, drawing, and speech contests.

Glimpses of the Activities Conducted



Formation of EMC



Be- Ecomatic Workshop



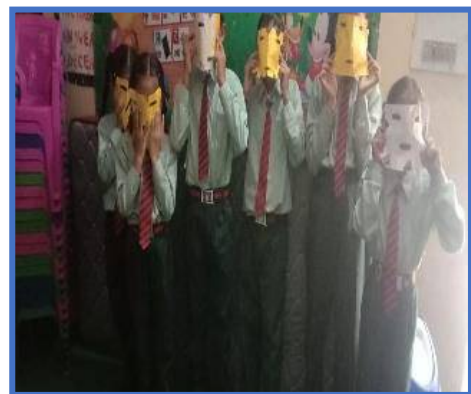
Celebration of World Environment Day



Drip Irrigation



Celebration of Akshay Urja Diwas



Celebration of Tiger Day

Annexure A : Invoices for expenditures incurred between April 2025 and September 2025

Seechewal Model

03BCPP57692C127 (M): +91-9876700144
E-mail: csconstructions.ldh@hotmail.com

C.S. CONSTRUCTIONS

B-30/4165, BEANT PURA, CHANDIGARH ROAD,
LUDHIANA. ORIGINAL FOR RECIPIENT/BUYER

| | | | | | |
|---|--|--------|--|-----------------------|--|
| INVOICE No.: 213 | | CREDIT | | Dated: 22.07.2025 | |
| Details of Receiver (Billed To) Name: TATA STEEL FOUNDATION Address: Z3, SITE-4, SAHIBABAD INDUSTRIAL AREA SAHIBABAD, DIST, GHAZIABAD-201010 State: U.P. State Code 09 U.P. GSTIN/UID: 20AAFC78988E123 PAN: TIN: | | | Details of Consignee (Shipped To) Name: Address: State: (M) State Code: GSTIN/UID: PAN: TIN: | | |
| Transport: | | GR.No: | | Dt.: Agent / Salesman | |

| Sr No. | PRODUCT/DESCRIPTION | HSN/SAC | UNIT | QUANTITY | RATE | VALUE | TAX % | TAX CHARGED | TOTAL VALUE |
|----------------|---|---------|------|----------|------|-----------|-------|-------------|-------------|
| 1. | CONSTRUCTION WORK OF STP AT KHASI KHURD | 935419 | | | | 394295.40 | 18% | 70973.17 | 465268.57 |
| Totals: | | | | | | 394295.40 | | 70973.17 | 465268.57 |

R/off (+/-) if any ROUND OFF

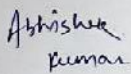

(In Words) INR : Four Lakh Sixty Five Thousand Two Hundred Sixty Eight and Fifty Seven paise only TOTAL BILL AMOUNT 465268.57

Terms & Conditions:
 1. No replacement/exchange/refund against this Invoice.
 2. Our responsibility ceases when goods leave our godown.
 3. Interest @24% p.a. will be charged on delayed payments.
 4. All Disputes are subject to LUDHIANA Jurisdiction

Certified that the particulars are given above are true & correct.
For C.S. CONSTRUCTIONS
 C.S. CONSTRUCTIONS
 22/07/25 PROP.

| | | | | | | | | | |
|---------|----|---------------|----|-------------|---------------|----------------------|-----|-----------------|----------|
| E.&O.E. | | Checked by | | Prepared by | | Receiver's Signature | | Auth. Signatory | |
| Tax | 0% | Taxable Value | 3% | Tax | Taxable Value | 5% | Tax | Taxable Value | 12% |
| IGST | | | | | | | | | |
| CGST | | | | | | | | | |
| SGST | | | | | | | | | |
| Cess | | | | | | | | | |
| Total | | | | | | | | | 70973.17 |

This is a Computer Generated Invoice. Do not need Sign

4CPP57692C1Z7

(M): +91-9876700144

E-mail: csconstructions.ldh@hotmail.com

C.S. CONSTRUCTIONSB-30/4165, BEANT PURA, CHANDIGARH ROAD,
LUDHIANA.

ORIGINAL FOR RECIPIENT/BUYER

| | | | | | |
|--|--|--------|--|-----------------------|--|
| INVOICE No.: 212 | | CREDIT | | Dated: 21.07.2025 | |
| Details of Receiver (Billed To) Name: TATA STEEL FOUNDATION Address: 23, SITE-4, SAHIBABAD INDUSTRIAL AREA SAHIBABAD, DIST, GHAZIABAD- 201010 State: U.P. State Code: 09 U.P. GSTIN/UID TIN: 20AAFT8988E1Z3 PAN: | | | Details of Consignee (Shipped To) Name: Address: State: (M) State Code: GSTIN/UID TIN: PAN: | | |
| Transport: | | GR.No: | | Dt.: Agent / Salesman | |

| Sr No. | PRODUCT/DESCRIPTION | HSN/SAC | UNIT | QUANTITY | RATE | VALUE | TAX % | TAX CHARGED | TOTAL VALUE |
|--------|---|---------|------|----------|------|-----------|-------|-------------|-------------|
| 1. | CONSTRUCTION WORK OF STP AT KHASI KHURD | 995419 | | | | 564575.00 | 18% | 101623.50 | 666198.50 |

| | | | |
|--------------------|-----------|-----------|-----------|
| Totals: | 564575.00 | 101623.50 | 666198.50 |
| R/off (+/-) if any | ROUND OFF | | |

(In Words) INR : Six Lakh Sixty Six Thousand One Hundred Ninety Eight and Fifty Paise only

TOTAL BILL AMOUNT 666198.50

Terms & Conditions:

Certified that the particulars are given above are true & correct.

1. No replacement/exchange/refund against this Invoice.
2. Our responsibility ceases when goods leave our godown.
3. Interest @24% p.a. will be charged on delayed payments.
4. All Disputes are subject to LUDHIANA, Jurisdiction

For C.S. CONSTRUCTIONS

For C.S. CONSTRUCTIONS

E & O E.

Checked by:

Prepared by:

Receiver's Signature:

21/07/2025
PROP.

Auth. Signatory

| Tax | 0% | 3% | 5% | 12% | 18% | 28% |
|---------------|---------------|-----|---------------|-----|---------------|-----|
| Taxable Value | Taxable Value | Tax | Taxable Value | Tax | Taxable Value | Tax |
| IGST | | | | | 101623.50 | |
| CGST | | | | | | |
| SGST | | | | | | |
| Cess | | | | | | |
| Total | | | | | 101623.50 | |

This is a Computer Generated Invoice. Do not need Sign

Abhishek
Kumar

Suman Singh

STIN : 03AAATE2179C2Z8
Mobile : 79730-53935, 99145-70863

TAX INVOICE

CM/L-9700006517
IS 458:2003

DUPLICATE FOR TRANSPORTER

Sant Avtar Singh Eco-Technical Service Centre

Kala Sanghian-Dalla Road, Kotla Heran 144625 Jalandhar Punjab
E-mail : sasecotech@gmail.com



CM/L-9700071015
IS 15558:2006

Invoice No. : TI/25-26/2162

Dated : 26-06-2025

TATA STEEL FOUDATION

3, E Road, Northern Town
Jamshedpur - Distt : East Singhbhum
State Code: 20 (Jharkhand)
Pin : 831001
Phone :
GSTIN: 20AAAFCT8988E1Z3 PAN: AAFCT8988E

P.O.S. : 20 (Jharkhand)

Transport

Order No.

DL :

G.R. No.

DL :

Destination

Jamshedpur

Vehicle No.

Pvt Mark

| S.No. | Description of Goods | HSN / SAC | Qty | Free | Size | Unit | MRP | Rate | IGST % | Amount |
|-------------|---|-----------|----------|------|--------|------|------|---------|--------|-----------|
| 1 | EXCAVATION WORK POND FROM 3M TO 6M DEPTH | 995433 | 1148.960 | | | CUM | 140 | 140.00 | 18.00 | 160854.40 |
| 2 | BRICK WORK | 995424 | 44.920 | | | CUM | 6500 | 6500.00 | 18.00 | 291980.00 |
| 3 | PLASTER WORK | 995424 | 238.260 | | | SQM | 190 | 190.00 | 18.00 | 45269.40 |
| 4 | RCC WORK | 995424 | 8.330 | | | CUM | 6500 | 6500.00 | 18.00 | 54145.00 |
| 5 | SPUN PIPE 450 MM (18 INCH) 2.5 MTR. LONG ISI | 68109990 | 3.000 | | 450 MM | PCS | 2420 | 2420.00 | 18.00 | 7260.00 |
| 6 | EXCAVATION WORK TRENCH | 995433 | 1021.590 | | | CUM | 100 | 100.00 | 18.00 | 102159.00 |
| 7 | SPUN PIPE 350 MM (14 INCH) 2.5 MTR. LONG ISI | 68109990 | 37.000 | | 350MM | PCS | 1810 | 1810.00 | 18.00 | 66970.00 |
| 8 | NEAT CEMENT FINISHING | 3007412 | 214.660 | | | SQM. | 60 | 60.00 | 18.00 | 12879.60 |
| 9 | SPUN PIPE 300 MM (12 INCH) 2.5 MTR. LONG ISI | 68109990 | 90.000 | | 300MM | PCS | 1590 | 1590.00 | 18.00 | 143100.00 |
| 10 | SPUN PIPE 250 MM (10 INCH) 2.5 MTR. LONG ISI | 68109990 | 127.000 | | | PCS | 1350 | 1350.00 | 18.00 | 171450.00 |
| 11 | SPUN PIPE 600 MM (24 INCH) 2.5 MTR. LONG ISI | 68109990 | 2.000 | | 600MM | PCS | 3590 | 3590.00 | 18.00 | 7180.00 |
| 12 | SWR P.TRAP [SHORT HT] 110/110 | 39174000 | 76.000 | | 110MM | PCS | 305 | 305.00 | 18.00 | 23180.00 |
| 13 | PVC ELBOW 90D 110 MM PN 04 | 39174000 | 76.000 | | 110MM | PCS | 130 | 130.00 | 18.00 | 9880.00 |
| 14 | PVC END CAP 110 MM PN 04 | 39174000 | 76.000 | | 110MM | PCS | 82 | 82.00 | 18.00 | 6232.00 |
| 15 | PVC COUPLER 110 MM PN 06 | 39174000 | 76.000 | | 110MM | PCS | 154 | 154.00 | 18.00 | 11704.00 |
| 16 | PVC PIPE 110 MM 4KG PER FEET | 39172390 | 900.000 | | 110MM | FEET | 70.2 | 70.20 | 18.00 | 63180.00 |
| Total | | | 4139.720 | | | | | | | |

Taxable 1177423.40 IGST 18% IGST Amt. 211936.21

Total 11,77,423.40
IGST @ 18.00 % 2,11,936.21

"Reverse charge not applicable"

Round Off 0.39
Grand Total 13,89,360.00

PUNJAB NATIONAL BANK

ACCOUNT NO. 3524002100002339 IFSC CODE-PUNB0352400

Amount (in words) Rs. THIRTEEN LAKH EIGHTY NINE THOUSAND THREE HUNDRED SIXTY ONLY.

Terms & Conditions :

1. All disputes subject to Nakodar jurisdiction only.
2. Interest @ 24% p.a. will be charged if the bill is not paid within 7 days.
3. Our responsibility ceases as soon as goods are delivered to the carriers.

For Sant Avtar Singh Eco-Technical Service Centre

E. & O.E.

Customer Signature

Manager
Sant Avtar Singh Eco-Technical Service Centre
Village: Kotla Heran, Distt: Jalandhar, Punjab
Auth. Signatory

GSTIN: 03BCPP57692C1Z7

(M): +91-9876700144

E-mail: csconstructions.lhd@hotmail.com

C.S. CONSTRUCTIONSB-30/4165, BEANT PURA, CHANDIGARH ROAD,
LUDHIANA.

ORIGINAL FOR RECIPIENT/BUYER

INVOICE No.: Z10

CREDIT

Dated: 26.06.2025

Details of Receiver (Billed To)

Name TATA STEEL FOUNDATION
Address 25, SITE-4, SAHIBABAD INDUSTRIAL AREA
SAHIBABAD, DIST, GHAZIABAD-201010

(M)

State U.P

State Code 09 U.P

GSTIN/UID 20AAFT8988E1Z3

PAN:

TIN

Details of Consignee (Shipped To)

Name
Address

(M)

State

State Code

GSTIN/UID

PAN:

TIN

Transport:

GR.No:

DL: . .

Agent / Salesman

| Sr No. | PRODUCT/DESCRIPTION | HSN/SAC | UNIT | QUANTITY | RATE | VALUE | TAX % | TAX CHARGED | TOTAL VALUE |
|---------|---|---------|------|----------|------|-----------|-------|-------------|-------------|
| 1. | CONSTRUCTION WORK OF STP AT KHASI KHURD | 995419 | | | | 677896.00 | 18% | 122021.28 | 799917.28 |
| Totals: | | | | | | 677896.00 | | 122021.28 | 799917.28 |

R/off (+/-) if any ROUND OFF

(In Words) INR : Seven Lakh Ninety Nine Thousand Nine Hundred Seventeen and Twenty Eight Paise only

TOTAL BILL AMOUNT

799917.28

Terms & Conditions:

1. No replacement/exchange/refund against this Invoice.
2. Our responsibility ceases when goods leave our godown.
3. Interest @24% p.a. will be charged on delayed payments.
4. All Disputes are subject to LUDHIANA, Jurisdiction

Certified that the particulars are given above are true & correct.

For C.S. CONSTRUCTIONS
For C.S. CONSTRUCTIONS

E & O.E.

Checked by

Prepared by

Receiver's Signature

Auth. Signatory

| Tax | 0% | 3% | 5% | 12% | 18% | 28% |
|---------------|---------------|-----|---------------|-----|---------------|-----|
| Taxable Value | Taxable Value | Tax | Taxable Value | Tax | Taxable Value | Tax |
| IGST | | | | | 122021.28 | |
| CGST | | | | | | |
| SGST | | | | | | |
| Cess | | | | | | |
| Total | | | | | 122021.28 | |

This is a Computer Generated Invoice. Do not need Sign

Shuman Singh

Plantation (PSIEC Approach road start from Plant gate to Hi- Tech valley connecting road).

| | | | | | | | | | |
|--|--|--|-------|---|---------|---|----------|--------|-----------|
| IN : 03CMAPS3367N1ZP N : CMAPS3367N | | TAX INVOICE | | ORIGINAL FOR RECIPIENT/BUYER E-mail : chauhan.singh513@gmail.com | | | | | |
| KHALSA ENGINEERS & ASSOCIATES | | | | | | | | | |
| GARHI FAZAL, MATTEWARA, RAHON ROAD, LUDHIANA- (141007) Ph : (M) : 9855557703 | | | | | | | | | |
| | | | | CREDIT | | | | | |
| Details of Receiver (Billed To) | | Details of Consignee (Shipped To) | | INVOICE No.: B245 | | | | | |
| TATA STEEL FOUNDATION 23, SITE-4, SAHIBABAD INDUSTRIAL AREA, SAHIBABAD GHAZIABAD (M) State : Jharkhand Code : 20 GSTIN : 20AAFT8988E1Z3 PAN : AAFCT8988E | | TATA STEEL FOUNDATION 23, SITE-4, SAHIBABAD INDUSTRIAL AREA, SAHIBABAD GHAZIABAD (M) State : Jharkhand Code : 20 GSTIN : 20AAFT8988E1Z3 PAN : AAFCT8988E | | Dated : 23.07.2025 | | | | | |
| | | | | EWB NO : | | | | | |
| | | | | TPT ID : | | | | | |
| | | | | VEH. NO : | | | | | |
| | | | | KMS : | | | | | |
| | | | | MODE : | | | | | |
| Transport. | | G.R No. | | Dt.: | | | | | |
| Sr. | Description of Goods | Hsn | Unit | Pcs | Qty | Rate | Dis. | Gst % | Amount |
| 1 | PLANTATION WITH MAINTENANCE FOR 6 MONTHS | 998619 | | | 60.00 | 1400.0000 | | 18.00% | 84000.00 |
| 2 | S&F PVC FENCING TREE GUARD | 39269099 | | | 110.00 | 750.0000 | | 18.00% | 82500.00 |
| 3 | S&F M.S. TREE GUARD 5 FT. HT. | 732690 | | | 40.00 | 2500.0000 | | 18.00% | 100000.00 |
| Totals : | | | | | 210.000 | | | | 266500.00 |
| Bank Details :- | | | | | | Taxable Value: 266500.00 | | | |
| AXIS BANK LTD, BHAMIAN KALAN, LUDHIANA A/C. NO.919020000774791 IFSC NO. UTIB0002395 | | | | | | IGST: 47970.00 | | | |
| Taxable | Rate | IGST | Rate | CGST | Rate | SGST | TOTAL | | |
| | 0.00% | | 0.00% | 0.00 | 0.00% | 0.00 | | | |
| 266500.00 | 18.00% | 47970.00 | 0.00% | 0.00 | 0.00% | 0.00 | 47970.00 | | |
| | 0.00% | | 0.00% | 0.00 | 0.00% | 0.00 | | | |
| | 0.00% | | 0.00% | 0.00 | 0.00% | 0.00 | | | |
| 266500.00 | | 47970.00 | 0.00 | | | 0.00 | 47970.00 | | |
| Round off : | | | | | | Total Bill Amount 3,14,470.00 | | | |
| Amt. in Words: Rupees Three Lakhs Fourteen Thousand Four Hundred Seventy Only | | | | | | | | | |
| Terms & Conditions: 1. No replacement/exchange/refund against this invoice. 2. Our responsibility ceases when goods leaves our godown. 3. Interest @24% p.a. will be charged on delayed payments. 4. All Disputes are subject to LUDHIANA Jurisdiction. | | | | | | Certified that the particulars are given above are true & correct. For KHALSA ENGINEERS & ASSOCIATES For Khalsa Engineers & Associates <i>Ranjit Singh</i> Prop. | | | |
| E&OE Genius Software : >>>> +91-98147-85760 | | | | | | Receiver's Signature <i>Ashish Kumar</i> | | | |

Community Symposium on Agri

REVIVING GREEN REVOLUTION CELL

Utilization Certificate

Name of the Donor: Tata Steel Foundation (TSF)

Project Title: Farmers Capacity Building Program on Agriculture and Livestock across 12 villages adopted by Tata Steel Foundation in Ludhiana

Location (s): Ludhiana (Punjab)

Budget for FY 25-26: Rs. 45,82,520/-

Project Period: April 01 2025 to March 31 2026

Balance carried forward: Nil

Total Amount Received till date: Rs. 23,41,460/-

Bank Interest: Rs. 8,621/-

| Grant Summary | |
|-------------------------------|--------------------|
| 1st installment on 26.07.2025 | ₹ 23,41,460 |
| Interest on grant | ₹ 8,621 |
| Total Grant | ₹ 23,50,081 |
| Expenditure upto Nov 06, 2025 | ₹ 19,54,500 |
| Unspent balance | ₹ 3,95,581 |

| S.NO. | Particulars (Line Items) | Budget For FY 2025-26 | Apr/25 | May/25 | Jun/25 | Jul/25 | Aug/25 | Sep/25 | Oct/25 | Nov/25* | Total Spend | Variance | % Variance | Reason for Variance |
|----------|---|-----------------------|--------|----------|----------|----------|----------|----------|------------|----------|-------------|----------|------------|---------------------|
| A | PROGRAM COST | | | | | | | | | | | | | |
| 1 | Baseline Survey, Community Mobilization & Awareness Building | | | | | | | | | | | | | |
| 1.1 | Community meeting | ₹ 1,00,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 14,124 | ₹ - | ₹ 14,124 | ₹ - | 85.50% | 85.50% |
| 1.2 | OTR Day (Info Day) | ₹ 4,70,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 14,000 | ₹ 18,000 | ₹ 32,000 | ₹ - | 3.00% | 3.00% |
| 1.3 | Field Assistant | ₹ 5,24,000 | ₹ - | ₹ 6,300 | ₹ 6,300 | ₹ 9,000 | ₹ 8,700 | ₹ 10,251 | ₹ 10,251 | ₹ - | ₹ 54,802 | ₹ - | 1.03% | 1.03% |
| 1.4 | Field Doctor (Info) | ₹ 5,45,000 | ₹ - | ₹ 5,700 | ₹ 5,700 | ₹ 8,000 | ₹ 8,200 | ₹ 10,251 | ₹ 10,251 | ₹ - | ₹ 54,802 | ₹ - | 1.03% | 1.03% |
| 1.4 | Sub-Total III | ₹ 16,44,000 | ₹ - | ₹ 12,000 | ₹ 12,000 | ₹ 17,000 | ₹ 16,900 | ₹ 20,501 | ₹ 20,501 | ₹ 18,000 | ₹ 74,902 | ₹ - | 0.44% | 0.44% |
| 2 | Farmer's Agriculture (Crop Demonstration) | | | | | | | | | | | | | |
| 2.1 | Technical training of the project resources on New Management Task force (Chief and field assistant) | ₹ 10,000 | ₹ - | ₹ - | ₹ - | ₹ 1,400 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 1,400 | ₹ - | 14.00% | 14.00% |
| 2.2 | Village level Farmer's training camp (Demonstration, Awareness building etc.) | ₹ 74,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 10,440 | ₹ - | ₹ 10,440 | ₹ - | 14.11% | 14.11% |
| 2.3 | Farmer's Field Day (Event & Field) | ₹ 54,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 40,222 | ₹ - | ₹ 40,222 | ₹ - | 74.49% | 74.49% |
| 2.4 | Cluster/ District level camp | ₹ 40,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | 0.00% | 0.00% |
| 2.5 | Demonstration of Climate resilient Agriculture technologies (ISM, New varieties, no inputs inputs, No to etc.) - Chief and field assistant both | ₹ 2,40,000 | ₹ - | ₹ - | ₹ - | ₹ 3,900 | ₹ - | ₹ - | ₹ 1,14,000 | ₹ - | ₹ 1,17,900 | ₹ - | 49.13% | 49.13% |

| | | | | | | | | | | | | | |
|------|--|----------|-----|-----|-----|----------|---------|---------|----------|-----|----------|----------|--------|
| 1.6 | Demonstration on Alternative Feeding & Feeding (AWF) | ₹ 24,000 | ₹ - | ₹ - | ₹ - | ₹ 16,554 | ₹ 1,000 | ₹ 1,283 | ₹ - | ₹ - | ₹ 25,838 | ₹ 74.21% | 42.63% |
| 2.7 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.8 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.9 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.10 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.11 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.12 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.13 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.14 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.15 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.16 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.17 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.18 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.19 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.20 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.21 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.22 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.23 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.24 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.25 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.26 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.27 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.28 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.29 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.30 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.31 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.32 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.33 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.34 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.35 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.36 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.37 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.38 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.39 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.40 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.41 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.42 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.43 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.44 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.45 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.46 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.47 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.48 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.49 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.50 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.51 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.52 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.53 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.54 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.55 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.56 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.57 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.58 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.59 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.60 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.61 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.62 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.63 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.64 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.65 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.66 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.67 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.68 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.69 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.70 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.71 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.72 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.73 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.74 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.75 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.76 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.77 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.78 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.79 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.80 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.81 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.82 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.83 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.84 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.85 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.86 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.87 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ - | ₹ 11,704 | ₹ - | ₹ 11,704 | ₹ 23.41% | 23.41% |
| 2.88 | Supplies up to 500 tonnes in Blue | ₹ 50,000 | ₹ - | ₹ - | ₹ - | ₹ - | | | | | | | |

Distribution of Alternate to Plastics

SEHAJ ASSOCIATES

Original for Recipient
INVOICE 2819

Date September 24, 2025
Due Date September 24, 2025
P.O. Number 2300076075/109
P.O. Date September 05, 2025

SEHAJ ASSOCIATES
H.L 158 JAMAL PUR COLONY
NEAR HL GURDUWARA
Ludhiana, Punjab (PB - 03), PIN Code 141010, India
8437888890
SAHNIRIYA85@GMAIL.COM
BANK DETAILS : ICICI BANK
SEHAJ ASSOCIATES
ACCOUNT NO: 057805500849
IFSC CODE : ICIC0000578
GSTIN: 03BHAPS8931G2ZB
PAN: BHAPS8931G

Bill to:
TATA STEELS LTD.
KADIANA KURD
Ludhiana, Punjab (PB - 03), India
Place of Supply: PB (03)
GSTIN: 03AAACT2803M1ZL

| NO | PRODUCT / SERVICE NAME | HSN/SAC | QTY | UNIT PRICE | CGST | SGST | AMOUNT |
|-------|--|---------|--------|------------|-------------------|-------------------|-----------|
| 1 | JUTE BAGS WITH TATA STEELS BRANDING 15*15 INCH | 630510 | 400.00 | 156.50 | 1,565.00 2.50% | 1,565.00 2.50% | 65,730.00 |
| TOTAL | | | 400.00 | 62600.00 | 1565.00 | 1565.00 | 65730.00 |

Total: ₹ Sixty Five Thousand Seven Hundred Thirty Only
AUTHORIZED SIGNATORY

TOTAL BEFORE TAX ₹ 62,600.00
TOTAL TAX AMOUNT ₹ 3,130.00
ROUNDED OFF 0.00
TOTAL AMOUNT ₹ 65,730
AMOUNT DUE ₹ 65,730

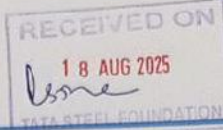
The Green School Project- Invoices

GST: 03HJNPS0490F1Z0
Prop. Harinder Singh

Ph: +91-98157-78050

RAM DASS TENT HOUSE

VPO HAWAS RAHON ROAD LUDHIANA-141007



BILL/CASH

Dated: 16/07/2025

Bill No. 15

To.

TATA STEEL FOUNDATION
GST No : 20AAFCT8988E1Z3

Order number: 3700134037

| ARC item Sl No | Service No | Service Short Text | Qty | UoM | Rate | Amount (Rate*Qty) | Gst @5% | Amount (In Rs.) |
|----------------|------------|---|-----|-----|------|-------------------|---------|-----------------|
| 40 | 3020517 | Packaged Drinking Water 1 Ltr (Branded) | 5 | NOS | 20 | 100 | 0 | 100 |
| 10 | 3020289 | Pure Veg Meal General (4 Items Menu) | 15 | NOS | 110 | 1650 | 82.5 | 1732.5 |
| 540 | 3020512 | Trained Waiters Service Charges | 1 | NOS | 600 | 600 | 30 | 630 |
| 510 | 3020509 | Site Service Charges (Within 6-15 Kms) | 1 | NOS | 1400 | 1400 | 70 | 1470 |
| Sub Total | | | | | | | | 3932.5 |
| Discount | | | | | | | | 0.5 |
| Grand Total | | | | | | | | 3932 |

In Word:- RUPEES THREE THOUSANDS NINE HUNDRED THIRTY TWO ONLY/-

Purpose: Partnership meeting under green school program

SR: CSR/TSF/2025/01716

IO: 105009735

UL: 5050021

Ro:- 37 00134037

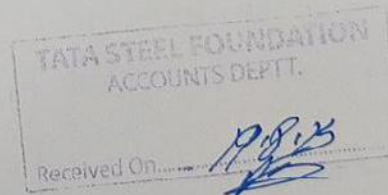
SES: 1000206182 (E2)
1000206184

M/S RAM DASS TENT HOUSE
For RAM DASS TENT HOUSE

Harinder Singh
Proprietor
Auth./Signatory

Sumana Singh

Head, Education
TATA STEEL FOUNDATION





ALISHA BOOK SHOP

Mobile no 7986553058 Vill.Mangli Khas

Ludhiana 141007

Ref no 1790

Date : 28/07/2025

To M/STATA STEEL FOUNDATION

..... LUDHIANA

Order number: - 3700135316

| S no. | ARC Item Sl No | Material No | Service Short Text | Qty | UoM | Rate | Total |
|-------|-------------------|----------------|--|-----|-----|----------------|-------|
| 1 | 180 | 170024269 | KG Cardboard (Chart Paper) 300GSM | 56 | NOS | 10 | 560 |
| 2 | 820 | 170024301 | INSTRUMENT BOX "CAMEL/NATRAJ" | 84 | NOS | 68 | 5712 |
| 3 | 540 | 170024285 | Ball Pen 0.5 with Cap (MRP Rs.25/-) | 84 | NOS | 21 | 1764 |
| 4 | 80 | 170024256 | Ruled Notebook Fullscope(45-50 Sheet) | 84 | NOS | 42 | 3528 |
| 5 | 400 | 170024352 | Sketch Pen-14 CM Set(12 Shades) | 84 | SET | 25 | 2100 |
| | | | | | | Grand Total | 13664 |

Purpose: Stationary related to tiger day
celebration under the
green school project

SR: CSR/TSF/2025/01716

IO: 105009735

WL: 5050021

WRN:

ALISHA BOOK SHOP
For ALISHA BOOK SHOP
Santokh Kaur
Auth. Signature
Prop.

RAM DASS TENT HOUSE

VPO HAWAS RAHON ROAD LUDHIANA-141007



BILL/CASH

Bill No. 16

Dated: 15/07/2025

To.

TATA STEEL FOUNDATION
GST No : 20AAFCT8988E1Z3

Order number: 3700134035

| ARC item SI No | Service No | Service Short Text | Qty | UoM | Rate | Amount (Rate*Qty) | Gst @5% | Amount (In Rs.) |
|-------------------------|---------------|--|-----|-----|------|----------------------|----------------|--------------------|
| 40 | 3020517 | Packaged Drinking Water 1 Ltr (Branded) | 5 | NOS | 20 | 100 | 0 | 100 |
| 10 | 3020289 | Pure Veg Meal General (4 Items Menu) | 10 | NOS | 110 | 1100 | 55 | 1155 |
| 540 | 3020512 | Trained Waiters Service Charges | 1 | NOS | 600 | 600 | 30 | 630 |
| 510 | 3020509 | Site Service Charges (Within 6-15 Kms) | 1 | NOS | 1400 | 1400 | 70 | 1470 |
| 200 | 3020533 | Disposable Glass 100 ML, 150GSM (100 Nos) | 1 | PAC | 150 | 150 | 0 | 150 |
| 220 | 3020535 | Disposable Glass 65 ML, 150 GSM (100 Nos) | 1 | PAC | 100 | 100 | 0 | 100 |
| | | | | | | | Grand Total | 3605 |

In Word:- RUPEES THREE THOUSANDS SIX HUNDRED FIVE ONLY/-

Purpose: Partners meeting under green school program.

SR: CSR/TSF/2025/01716

IO: 105009735

HL: 5050021

Ro:- 3700134035

SES: 1000206178

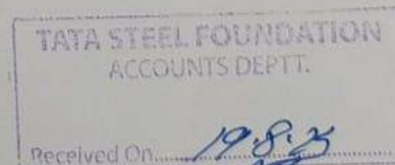
1000206180

M/S RAM DASS TENT HOUSE
For RAM DASS TENT HOUSE

Harinder Singh
Proprietor
Auth./Signatory

Signature

Head, Education
TATA STEEL FOUNDATION



GST: 03HJNPS0490F1Z0
Prop. Harinder Singh

Ph: +91-98157-78050

RAM DASS TENT HOUSE

VPO HAWAS RAHON ROAD LUDHIANA-141007

RECEIVED ON
18 AUG 2025
TATA STEEL FOUNDATION

BILL/CASH

Dated: 16/07/2025

Bill No. 15

To.

TATA STEEL FOUNDATION
GST No : 20AACT8988E1Z3

Order number: 3700134037

| ARC item Sl No | Service No | Service Short Text | Qty | UoM | Rate | Amount (Rate*Qty) | Gst @5% | Amount (In Rs.) |
|----------------------|---------------|--|-----|-----|------|----------------------|---------|--------------------|
| 40 | 3020517 | Packaged Drinking Water 1 Ltr (Branded) | 5 | NOS | 20 | 100 | 0 | 100 |
| 10 | 3020289 | Pure Veg Meal General (4 Items Menu) | 15 | NOS | 110 | 1650 | 82.5 | 1732.5 |
| 540 | 3020512 | Trained Waiters Service Charges | 1 | NOS | 600 | 600 | 30 | 630 |
| 510 | 3020509 | Site Service Charges (Within 6-15 Kms) | 1 | NOS | 1400 | 1400 | 70 | 1470 |
| Sub Total | | | | | | | | 3932.5 |
| Discount | | | | | | | | 0.5 |
| Grand Total | | | | | | | | 3932 |

In Word:- RUPEES THREE THOUSANDS NINE HUNDRED THIRTY TWO ONLY/-

Purpose: Partnership meeting under green school program

SR: CSR/TSF/2025/01716

IO: 105009735

UL: 5050021

Ro:- 37 00134037

SER: 1000206182 (E2)
1000206184

M/S RAM DASS TENT HOUSE
For RAM DASS TENT HOUSE

Harinder Singh
Proprietor
Auth./Signatory

Sumana Singh

Head, Education
TATA STEEL FOUNDATION

TATA STEEL FOUNDATION
ACCOUNTS DEPT.
Received On: 18/08/2025

STATE CODE: 03 Punjab

TAX INVOICE

(Original for Recipient)

GSTIN 03AAOPL3789P1ZV
PAN NO AAOPL3789P
TMN STC/LDH-IV/RAC/PH.(O) 0161-5023520
MOBILE 9814243410

AGGARWAL TRAVELS

Deals in : All kinds of A.C. & Non AC Vehicles on Hire

Office: 71, Feroze Gandhi Market ,Ludhiana (Punjab) -141001, State Code : 03

E-Mail: travelsaggarwal@gmail.com, Website : www.aggarwaltravels.in

Detail of Receiver (Billed To)
M/s TATA STEEL FOUNDATIONJAMSHEDPUR
GSTIN:20AAFCT8988E1Z3
Phone No.Invoice No.: TI/6165 Date : 31/07/2025
User Person :
From Ludhiana To:
Vehicle No :
PO No. :

| Sr. No. | LINE ITEM | DESCRIPTION OF VEHICLE USED | UOM | PO QTY | QTY/ CONSUMPTION | Rate | Amount |
|---------|-----------|--|-----|--------|------------------|---------|----------|
| 1 | | HIRING OF SEDAN(ON CALL BASIS)2AB | DAY | | 15.000 | 1300.00 | 19500.00 |
| 2 | | D-SEDAN FUEL EFFICICENCEY(AC RUNNING)2AB | KM | | 1681.000 | 9.68 | 16272.08 |
| 3 | | EXTRA HOUR>36.30HR | HRS | | 36.500 | 200.00 | 7300.00 |

Purpose: Team visit/field visit related to green school

SR: CSR/TSF/2025/01716

ID: 105009735

UL: 5050021

RO:

SES:

Hsn/Sac Code: 996601

Gross Amount 43072.08

GST PAYABLE BY SERVICE RECEIVER UNDER RCM AS PER
NOTIFICATION NO.22/2019 DT 30-09.2019Add IGST @5.00 % 2153.60
R/OFF. 0.32

Rs. Forty Three Thousand Seventy Two & Paise Eight Only

Grand Total 43072.08

Bank Detail HDFC BANK, MALL ROAD, LUDHIANA
A/C NO.: 00342560014363, IFSC CODE :-HDFC00000034

Terms & Conditions :

Subject to ludhiana Jurisdiction only

Intrest @ 24% p.a. will be charged if the bill is not paid within one month

Bill received on 12-Aug-25.

For AGGARWAL TRAVELS

For AGGARWAL TRAVELS

Prop./Authorised Signatory

GSTIN: 03AEYFS4463F1ZN
PAN No : AEYFS4463F

GST TAX INVOICE

M:8968500338
M:8968570338
PH no.0161-4509194

SANGER TOUR AND TRAVELS

Shop No.25, Dhayan Singh Complex, Near Bus Stand, Ludhiana-141002.

To
TATA STEEL FOUNDATION

Invoice No: ST/25-26/059
Date: 21-07-25

GST : 20AAFACT8988E1Z3

ARC No: 470005063/120 Date: 02-06-25
Service Period: From Dated:- 02-06-25 To Dated :- 30-06-25
Job Description: Sedan
HSN Code: 9964

| Particulars | Quantity | UoM | Rate | Amount |
|---|----------|---------------------|-------|---|
| Hiring of Sedan Cabs(Call Basis) 2AB | 5 | Day | 1300 | 6500.00 |
| Hiring of SUV Cabs (Call Basis) 6AB | 0 | Day | 2800 | 0.00 |
| D-SUV Fuel Efficiency(AC Running) 6AB | 0 | km/ltr | | 0.00 |
| D-Sedan Fuel Efficiency(AC Running) 2AB | 519 | km/ltr | 96.80 | 5023.92 |
| Hiring of City Bus :(Call Basis) 30 Seter | 0 | Day | 0.00 | 0.00 |
| City Bus Fuel Efficiency (AC Running) | 0 | km/ltr | 0.00 | 0.00 |
| Night Charges : | 0 | | 0 | 0.00 |
| Extra Hour Charges : | 11 | | 200 | 2200.00 |
| Long Tour Charges : | 0 | | 400 | 0.00 |
| Parking : | | | | 0.00 |
| ** Total Amount ** | | | | |
| Under Notification No: 22/2019 Dt:30.9.2019 Tax Payble Under Reverse Charge Mechanism : Yes | | Total Taxable Value | | 13723.92 |
| IG.S.T. 5.000% 686.19 | | Toll Tax | | |
| GRAND TOTAL | | | | 13723.92 |
| Amount in words: Thirteen thousand seven hundred twenty three rupees only. | | | | |
| Terms & Conditions 1. Interest @ 18% P.A. will be charged extra if bill is not paid within 45 days. 2. All subject to Ludhiana Jurisdiction only. 3. F & O.E. | | | | |
| SAHIL KUMAR | | | | Digitally signed by SAHIL KUMAR Date: 2025.07.21 17:45:55 +05'30' |

Purpose: Field visit related to Nareen school

SR: CSR/TSF/2025/01716

IO: 105009735

WL: 5050021

RO:

SES:

GSTIN: 03AEYFS4463F1ZN
PAN No : AEYFS4463F

GST TAX INVOICE

M:8968500338
M:8968570338
PH no.0161-4509194

SANGER TOUR AND TRAVELS

Shop No.25, Dhayan Singh Complex, Near Bus Stand, Ludhiana-141002.

To
TATA STEEL FOUNDATION

Invoice No: ST/25-26/071
Date: 31-07-25

GST : 20AAFACT8988E1Z3

ARC No: 4700005063/120 Date: 01-07-25
Service Period: From Dated:- 01-07-25 To Dated :- 29-07-25
Job Description: Sedan
HSN Code: 9964

| Particulars | Quantity | UoM | Rate | Amount |
|---|----------|---------------------|-------|----------|
| Hiring of Sedan Cabs(Call Basis) 2AB | 9 | Day | 1300 | 11700.00 |
| Hiring of SUV Cabs (Call Basis) 6AB | 0 | Day | 2800 | 0.00 |
| D-SUV Fuel Efficiency(AC Running) 6AB | 0 | km/ltr | | 0.00 |
| D-Sedan Fuel Efficiency(AC Running) 2AB | 1030 | km/ltr | 96.80 | 9970.40 |
| Hiring of City Bus : (Call Basis) 30 Seater | 0 | Day | 0.00 | 0.00 |
| City Bus Fuel Efficiency (AC Running) | 0 | km/ltr | 0.00 | 0.00 |
| Night Charges : | 0 | | 0 | 0.00 |
| Extra Hour Charges : | 29 | | 200 | 5800.00 |
| Long Tour Charges : | 0 | | 400 | 0.00 |
| Parking : | | | | 0.00 |
| ** Total Amount ** | | | | 27470.40 |
| Under Notification No: 22/2019 Dt:30.9.2019 Tax Payble Under Reverse Charge Mechanism : Yes | | Total Taxable Value | | |
| I.G.S.T. 5.000% | 1373.52 | Toll Tax | | |
| GRAND TOTAL | | | | 27470.40 |

Amount in words: Twenty seven thousand four hundred seventy rupees only.

Terms & Conditions

- Interest @ 18% P.A. will be charged extra if bill is not paid within 45 days.
- All subject to Ludhiana Jurisdiction only.
- T & D.E.

Digitally signed by
SAHIL KUMAR
Date: 2025.07.31 16:59:08 +05'30'

Purpose: Field visit related to Wren school

SR: CSR/TSF/2025/01716

IO: 105009735

UL: 5050021

RD:

ACC:



GST: 03HJNPS0490F1Z0
Prop. Harinder Singh

Education Team - Arvind Sir
Anjan Sir

157-78050
+91-98157-78050

RAM DASS TENT HOUSE

VPO HAWAS RAHON ROAD LUDHIANA-141007

Bill No. 14

BILL/CASH

Dated: 16/07/2025

To,

TATA STEEL FOUNDATION
GST No : 20AAFCT8988E1Z3

Order number: 3700134016

| ARC Item SI No | Service No | Service Short Text | Qty | UoM | Rate | Amount (In Rs.) | GST (5%) | Total |
|----------------------|---------------|---|-----|-----|------|--------------------|----------------|-------|
| 110 | 3020524 | Packaged Fruit Juice Tetra Pack 200 ML | 380 | NOS | 20 | 7600 | 0 | 7600 |
| 540 | 3020567 | Fresh Yellow/Green Banana Fruit 75 Grms | 380 | NOS | 6 | 2280 | 0 | 2280 |
| 510 | 3020509 | Site Service Charges(Within 6-15 Kms) | 1 | NOS | 1400 | 1400 | 70 | 1470 |
| | | | | | | | Grand total | 11350 |

In Word:- RUPEES ELEVEN THOUSANDS THREE HUNDRED FIFTY ONLY/-

M/S RAM DASS TENT HOUSE

For RAM DASS TENT HOUSE

Harinder Singh
Auth./Signatory Proprietor

Purpose: snacks for beeomatric
workshop in schools - Green
School

SF: CSR/TSF/2025/01746

IO: 105009735

UL: 5050021

SES: 1000205625 (10)

1000205633 (20)

Shuman Singh



ALISHA BOOK SHOP

Mobile no 7986553058 Vill.Mangli Khas

Ludhiana 141007

Ref no: 1772

Date : 8-July-2025

To M/STATA STEEL FOUNDATION

..... LUDHIANA

Order number: - 3700133785

| S no | ARC item SI No | Material No | Service Short Text | Qty | UoM | Rate | Total |
|------|----------------------|----------------|--|-----|-----|-------------|---------|
| 1 | 30 | 170024248 | Ruled Register Full scape (95-100 Sheet) | 3 | NOS | 113 | 339 |
| 2 | 180 | 170024269 | KG Cardboard (Chart Paper) 300GSM | 30 | NOS | 10 | 300 |
| 3 | 350 | 170024279 | Highlighter (Colour As Required) | 3 | NOS | 16.95 | 50.85 |
| 4 | 610 | 170024288 | STAPLER MACHINE (SMALL) KANGARO - 10 | 3 | NOS | 55 | 165 |
| 5 | 620 | 170024289 | PIN FOR STAPLER MACHINE KANGARO - 10 | 3 | NOS | 10 | 30 |
| 6 | 700 | 170024294 | Plastic Scale-12 Inch | 3 | NOS | 10 | 30 |
| 7 | 1250 | 170024346 | Paper-A4, 75 GSM (500 Sheet Pack) JK | 1 | PAC | 260 | 260 |
| | | | | | | Total | 1174.85 |
| | | | | | | Discount | 0.85 |
| | | | | | | Grand Total | 1174 |

Purpose: Stationary for green school activities

SR: CSR/TSF/2025/01716

IO: 105009735

HL: 5050021

URN: 5000167488

ALISHA BOOK SHOP
For ALISHA BOOK SHOP
Sandeep Kumar
Auth. Signature Prop.

GST: 03HJNPS0490F1Z0

Prop. Harinder Singh

Ph: +91-98157-78050

RAM DASS TENT HOUSE

VPO HAWAS RAHON ROAD LUDHIANA-141007

BILL/CASH

Bill No.

18

Dated: 12/08/2025

To.

TATA STEEL FOUNDATION

GST No : 20AAFCT8988E1Z3

Order number: 3700135353

| ARC Item Sl No | Service No | Service Short Text | Qty | UoM | Rate | Amount (In Rs.) | GST (5%) | Total |
|----------------------|---------------|--|-----|-----|------|--------------------|----------|-------|
| 110 | 3020524 | Packaged Fruit Juice Tetra Pack 200 ML | 300 | NOS | 20 | 6000 | 0 | 6000 |
| 530 | 3020566 | Fresh Yellow/Green Banana Fruit 100 Grms | 300 | NOS | 8 | 2400 | 0 | 2400 |
| 520 | 3020510 | Site Service Charges(Within 16-25 Kms) | 1 | NOS | 1800 | 1800 | 90 | 1890 |
| Grand total | | | | | | | | 10290 |

In Word:- RUPEES TEN THOUSANDS TWO HUNDRED NINETY ONLY/-

M/S RAM DASS TENT HOUSE

PURPOSE: Biocommunic workshop under
green school program

SR: CSR/TSF/2025/01716

IO: 105009735

HL: 5050021

SES: 1000206412 (10)

1000206415 (20)

For RAM DASS TENT HOUSE

Harinder Singh
Auth./Signatory Proprietor





Fund Request

The Energy and Resources Institute
Darbari Seth Block, Habitat Place, Lodhi Road, New Delhi-110003
Ph: 91-11-24682100/24682111 Fax 91-11-24682144 / 24682145
Email: pmo@teri.res.in

Invoice No : 2025SEPDLCSR0003
GSTIN No : 07AAATT2841E1ZP,
Project Code : 2025SU02

Invoice Date : 24.09.2025
State Code : 7
PAN : AAATT2841E

Sponsor GST No: Not Applicable

Place of Supply : Maharashtra

Title : "The Green School - Phase VII"

Service Category : Scientific and Consultance Services
Reverse Charge Applicable : No

Details of Receiver (Billed to)

Name : Tata Steel Foundation
Address : 3rd Floor, One Forbes
No 1, Dr V B Gandhi Marg, Fort,
Mumbai, Mumbai City, Maharashtra - 400001

Currency : Indian Rupee

| S No | Details | Amount |
|---------------|--|------------|
| 1 | Second installment payable under the project | 1400000.00 |
| Invoice Total | | 1400000.00 |

Invoice amount (In Words) : Indian Rupee Fourteen lakh only

Mode of payment

Payment may please be remitted through bank transfer; Bank details for payment: Name of the Account Holder: THE ENERGY AND RESOURCES INSTITUTE Account Number: 62010262102 IFSC Code : SBIN0020511 Address : SCOPE Complex, Core 6,7 Institutional Area, Pragati Vihar New Delhi-110003.

For The Energy and Resources Institute

Remarks :

F/PMU/18 Issue No.-01, Date-25.02.2018 Rev. No.-01, Date-25.02.2018



Authorized Signatory

Name of Authorised Person : V K Jayakumar
Designation: Chief Manager - PMU



Date: 01.08.2025

To
The Chief Executive Officer,
Tata Steel Foundation.

Subject: Release of Rs. 12,000 for the payout of 02 CRPs under The Green School Program for the month of July 2025.

With reference to Approved Sanction Request No. CSR/TSF/2025/01716, Dated 11th June 2025, following are the details that needs to be paid.

| Sl. No | Name of CRP | Allocated village | Name of the Bank | Bank Account no. | Branch | ISFC Code | Paid Amount |
|-------------|----------------|---|----------------------|------------------|----------|-------------|-------------|
| 1) | Amandeep Kaur | Primary school Machiyan Kalan, Machiyan khurd, Shalu bairi, Nathu bairi and Duaba bairi | Punjab National Bank | 3455001500014075 | Dhanansu | PUN80345500 | ₹ 6000 |
| 2) | Kulvinder Kaur | Primary school Meowal, Kadiana kalan, Mattewara, Walipur, Jeevanpur and middle school Jeevanpur | Punjab National Bank | 3454001700643908 | Chonta | PUN80345400 | ₹ 6000 |
| Grand Total | | | | | | | ₹ 12,000 |

Approval Request for:

1. Amount of Rs. ₹ 12,000 as per payout of Community Resource Person for the month of July 2025.
2. The Cost will incur under GL – 5050021 and IO – 105009735

Sumana Singh
Sumana Singh
Unit Lead, Ludhiana

Adarsh Kumar Gupta
Lead, Urban Education

TSF/2025-26/EDU/Green school Program/001

Date: 1 / 08/2025

Approved

Chief Executive Officer
Tata Steel Foundation.

Copy to: Head Account
Enclosure: 1. Work done summary

44001721

TATA STEEL FOUNDATION
ACCOUNTS DEPT.

TATA STEEL FOUNDATION

Registered Office: 6th Floor, One Forbes No. 1, Dr. V. B. Gandhi Marg, Fort, Mumbai – 400 001 India

Tel 91 22 6665 7297 Fax 91 22 66657724

Corporate Identity Number U63300MH2010NPL204613

Received On 19.8.25



Date:-28.08.2025

Urban Education
Steel Foundation

Subject: Release of Rs. 12,000 for the payout of 02 CRPs (Community Resource Person) under The Green School Program for the period of 20 July 2025 to 28 August 2025 (July-August)

With reference to approved Sanction Request No. CSR/TSF/2025/01716, Dated 11th June 2025, following are the details that needs to be paid.

| Sr. No. | Name of CRP | Allocated village | Name of the Bank | Bank Account no. | Branch | IFSC Code | Paid Amount |
|-------------|----------------|--|----------------------|------------------|----------|-------------|-------------|
| 1) | Amandeep Kaur | Primary school Machhiyan Kalan, Machhiyan Khurd, Shalu bairi, Nathu bairi and Duesha bairi. | Punjab National Bank | 3455001500014075 | Dhanasar | PUNB0345500 | ₹ 6000 |
| 2) | Kulvinder Kaur | Primary school Motwal, Kadiana Kalan, Motiawara, Walpur, Jeevanpur and middle school Jeevanpur | Punjab National Bank | 3454051705643908 | Chonta | PUNB0345400 | ₹ 6000 |
| Grand Total | | | | | | | ₹ 12,000 |

Approval Request for:

1. Amount of Rs. ₹ 12,000 as per payout of Community Resource Person for the month of August 2025.
2. The Cost will incur under GL - 5050021 and IO - 105009735

Suman Singh Sahibabad
TATA STEEL FOUNDATION
Unit Lead, Luckhnow

Adarsh Kumar Gupta
Lead, Urban Education

TSF/2025-26/EDU/Green school Program/002

Date:-29/08/2025

Approved
Head Education
Tata Steel Foundation.

Copy to: Head Account
Enclosure: 1. CRP Work done Summary



Chief Executive Officer
TATA STEEL FOUNDATION

TATA STEEL FOUNDATION

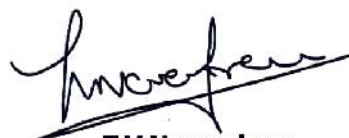
Registered Office: 8th Floor, One Forbes No. 1, Dr. V. B. Gandhi Marg, Fort, Mumbai - 400 001 India
Tel 91 22 6665 7297 Fax 91 22 66657724

ENVIRONMENTAL POLICY

Tata Steel's environmental responsibilities are driven by our commitment to preserve the environment and are integral to the way we do business.

1. We are committed to deal proactively with Climate Change issue by efficient use of natural resources & energy; reducing and preventing pollution; promoting waste avoidance and recycling measures; and product stewardship.
 - We shall identify, assess and manage our environment impact.
 - We shall regularly monitor, review and report publicly our environmental performance.
 - We shall develop & rehabilitate abandoned sites through afforestation and landscaping and shall protect and preserve the biodiversity in the areas of our operations.
 - We shall enhance awareness, skill and competence of our employees and contractors so as to enable them to demonstrate their involvement, responsibility and accountability for sound environmental performance.
2. We are committed to continual improvement in our environmental performance.
 - We shall set objective-targets, develop, implement and maintain management standards and systems, and go beyond compliance of the relevant industry standards, legal and other requirements.
3. We will truly succeed when we sustain our environmental achievement and are valued by the communities in which we work.

Date : November 1, 2017

A handwritten signature in black ink, appearing to read 'T V Narendran'.

T V Narendran
CEO & Managing Director



The Member Secretary
Punjab Pollution Control Board,
Vatavaran Bhavan, Nabha Road,
Patiala, Punjab 147 001

F&P/LDH/27/2023
Date: September 06, 2023

Sub: Intimation of "Grant of Environmental Clearance" for Proposed 0.75 Million Tonnes Per Annum (MTPA) of Crude Steel Production Through EAF at Industrial Plot A-1, Village-Kadiana Khurd, (Adjacent to Hi-Tech Cycle Valley), Tehsil - Ludhiana East, District-Ludhiana, Punjab by M/s Tata Steel Limited.

Dear Sir,

With reference to the aforesaid subject, we would like to inform you that Environmental Clearance has been granted vide EC Identification No. EC23B008PB183863, File No. - SEIAA/PB/IND/2023/EC/06 issue on dated 10/08/2023, for establishment of 0.75 MTPA Crude Steel Production through electric arc furnace at Industrial Plot A-1, Adjacent to Hi-Tech Cycle Valley at village-Kadiana Khurd, Tehsil-Ludhiana (East), Distt.- Ludhiana, Punjab by M/s Tata Steel Limited.

We hope above is in line with the statutory requirements.

Thanking you,

For Tata Steel Limited
For Tata Steel Limited
Authorized Signatory

Saraj Kumar Singh
Auth. Signatory

Saraj Kumar Singh
Chief, Ludhiana Project

Enclosure: Environmental Clearance (Identification no.: EC23B008PB183863)

- CC: - 1. The District Commissioner, Ludhiana
2. The Chairman, Zila Parishad, Ludhiana,
3. Commissioner, Municipal Corporation, Ludhiana.
4. Regional Officer, Ludhiana-1, Punjab Pollution Control Board, Ludhiana.
5. The General Manager, DIC, Ludhiana.
6. The Environmental Engineer, Punjab Pollution Control Board, Regional Office-1, Ludhiana.
7. Gram Panchayat - Kadiana Khurd

TATA STEEL LIMITED

C 44-47, Phase 2, Focal Point, Ludhiana, Punjab, 141 010
Registered Office: Bombay House, 24 Homi Mody Street, Fort Mumbai 400 001 India
Tel 91 22 6665 8282 Fax 91 22 6665 7724 Website www.tatasteel.com
Corporate Identity Number L27100MH1907PLC000260





The Member Secretary
Punjab Pollution Control Board,
Vatavaran Bhavan, Nabha Road,
Patiala, Punjab 147 001

E&P/LDH/27/2023
Date: September 06, 2023

Sub: Intimation of "Grant of Environmental Clearance" for Proposed 0.75 Million Tonnes Per Annum (MTPA) of Crude Steel Production Through EAF at Industrial Plot A-1, Village-Kadiana Khurd, (Adjacent to Hi-Tech Cycle Valley), Tehsil - Ludhiana East, District-Ludhiana, Punjab by M/s Tata Steel Limited.

Dear Sir,

With reference to the aforesaid subject, we would like to inform you that Environmental Clearance has been granted vide EC Identification No. EC23B008PB183863, File No. - SEIAA/PB/IND/2023/EC/06 issue on dated 10/08/2023, for establishment of 0.75 MTPA Crude Steel Production through electric arc furnace at Industrial Plot A-1, Adjacent to Hi-Tech Cycle Valley at village-Kadiana Khurd, Tehsil-Ludhiana (East), Distt.- Ludhiana, Punjab by M/s Tata Steel Limited.

We hope above is in line with the statutory requirements.

Thanking you,

For Tata Steel Limited
For Tata Steel Limited
Authorized Signatory

Auth. Signatory

Saroj Kumar Singh
Chief, Ludhiana Project

Enclosure: Environmental Clearance (Identification no.: EC23B008PB183863)

- CC: - 1. The District Commissioner, Ludhiana
2. The Chairman, Zila Parishad, Ludhiana,
3. Commissioner, Municipal Corporation, Ludhiana.
4. Regional Officer, Ludhiana-1, Punjab Pollution Control Board, Ludhiana.
5. The General Manager, DIC, Ludhiana.
6. The Environmental Engineer, Punjab Pollution Control Board, Regional Office-1, Ludhiana.
7. Gram Panchayat - Kadiana Khurd

TATA STEEL LIMITED

C 44-47, Phase 2, Focal Point, Ludhiana, Punjab, 141 010
Registered Office: Bombay House, 24 Homi Mody Street, Fort Mumbai 400 001 India
Tel 91 22 6665 6282 Fax 91 22 6665 7724 Website www.tatasteel.com
Corporate Identity Number L27100MH1907PLC000260





The Member Secretary
Punjab Pollution Control Board,
Vatavaran Bhavan, Nabha Road,
Patiala, Punjab 147 001

E&P/LDH/27/2023
Date: September 06, 2023

Sub: Intimation of "Grant of Environmental Clearance" for Proposed 0.75 Million Tonnes Per Annum (MTPA) of Crude Steel Production Through EAF at Industrial Plot A-1, Village-Kadiana Khurd, (Adjacent to Hi-Tech Cycle Valley), Tehsil - Ludhiana East, District-Ludhiana, Punjab by M/s Tata Steel Limited.

Dear Sir,

With reference to the aforesaid subject, we would like to inform you that Environmental Clearance has been granted vide EC Identification No. EC23B008PB183863, File No. - SEIAA/PB/IND/2023/EC/06 issue on dated 10/08/2023, for establishment of 0.75 MTPA Crude Steel Production through electric arc furnace at Industrial Plot A-1, Adjacent to Hi-Tech Cycle Valley at village-Kadiana Khurd, Tehsil-Ludhiana (East), Distt.- Ludhiana, Punjab by M/s Tata Steel Limited.

We hope above is in line with the statutory requirements.

Thanking you,

For Tata Steel Limited
For Tata Steel Limited
Authorized Signatory

Auth. Signatory

Saroj Kumar Singh
Chief, Ludhiana Project

Enclosure: Environmental Clearance (Identification no.: EC23B008PB183863)

- CC: - 1. The District Commissioner, Ludhiana
2. The Chairman, Zila Parishad, Ludhiana,
3. Commissioner, Municipal Corporation, Ludhiana.
4. Regional Officer, Ludhiana-1, Punjab Pollution Control Board, Ludhiana.
5. The General Manager, DIC, Ludhiana.
6. The Environmental Engineer, Punjab Pollution Control Board, Regional Office-1, Ludhiana.
7. Gram Panchayat - Kadiana Khurd

5/9/2023
निदेशक
लुधियाना

TATA STEEL LIMITED

C 44-47, Phase 2, Focal Point, Ludhiana, Punjab, 141 010
Registered Office: Bombay House, 24 Homi Mody Street, Fort Mumbai 400 001 India
Tel 91 22 6665 8282 Fax 91 22 6665 7724 Website www.tatasteel.com
Corporate Identity Number L27100MH1907PLC000260



The Member Secretary

Punjab Pollution Control Board,
Vatavaran Bhavan, Nabha Road,
Patiala, Punjab 147 001

E&P/LDH/ 27/2023
Date: September 06, 2023

Sub: Intimation of "Grant of Environmental Clearance" for Proposed 0.75 Million Tonnes Per Annum (MTPA) of Crude Steel Production Through EAF at Industrial Plot A-1, Village-Kadiana Khurd, (Adjacent to Hi-Tech Cycle Valley), Tehsil - Ludhiana East, District-Ludhiana, Punjab by M/s Tata Steel Limited.

Dear Sir,

With reference to the aforesaid subject, we would like to inform you that Environmental Clearance has been granted vide EC Identification No. EC23B008PB183863, File No. - SEIAA/PB/IND/2023/EC/06 issue on dated 10/08/2023, for establishment of 0.75 MTPA Crude Steel Production through electric arc furnace at Industrial Plot A-1, Adjacent to Hi-Tech Cycle Valley at village-Kadiana Khurd, Tehsil-Ludhiana (East), Distt.- Ludhiana, Punjab by M/s Tata Steel Limited.

We hope above is in line with the statutory requirements.

Thanking you,

For Tata Steel Limited

For Tata Steel Limited
Authorized Signatory

Auth. Signatory

Saroj Kumar Singh
Chief, Ludhiana Project

Enclosure: Environmental Clearance (Identification no.: EC23B008PB183863)

- CC: - 1. The District Commissioner, Ludhiana
2. The Chairman, Zila Parishad, Ludhiana,
3. Commissioner, Municipal Corporation, Ludhiana.
4. Regional Officer, Ludhiana-1, Punjab Pollution Control Board, Ludhiana.
5. The General Manager, DIC, Ludhiana.
6. The Environmental Engineer, Punjab Pollution Control Board, Regional Office-1, Ludhiana.
7. Gram Panchayat - Kadiana Khurd

2541/PS/P
06/9/23

TATA STEEL LIMITED

C 44-47, Phase 2, Focal Point, Ludhiana, Punjab, 141 010
Registered Office: Bombay House, 24 Horni Mody Street, Fort Mumbai 400 001 India
Tel 91 22 6665 8252 Fax 91 22 6665 7724 Website www.tatasteel.com
Corporate Identity Number L27100MH1907PLC000260



The Member Secretary
Punjab Pollution Control Board,
Vatavaran Bhavan, Nabha Road,
Patiala, Punjab 147 001

E&P/LDH/27/2023
Date: September 06, 2023

Sub: Intimation of "Grant of Environmental Clearance" for Proposed 0.75 Million Tonnes Per Annum (MTPA) of Crude Steel Production Through EAF at Industrial Plot A-1, Village-Kadiana Khurd, (Adjacent to Hi-Tech Cycle Valley), Tehsil - Ludhiana East, District-Ludhiana, Punjab by M/s Tata Steel Limited.

Dear Sir,

With reference to the aforesaid subject, we would like to inform you that Environmental Clearance has been granted vide EC Identification No. EC23B008PB183863, File No. - SEIAA/PB/IND/2023/EC/06 issue on dated 10/08/2023, for establishment of 0.75 MTPA Crude Steel Production through electric arc furnace at Industrial Plot A-1, Adjacent to Hi-Tech Cycle Valley at village-Kadiana Khurd, Tehsil-Ludhiana (East), Distt.- Ludhiana, Punjab by M/s Tata Steel Limited.

We hope above is in line with the statutory requirements.

Thanking you,

For Tata Steel Limited
For Tata Steel Limited
Authorized Signatory

Auth. Signatory

Saroj Kumar Singh
Chief, Ludhiana Project

Enclosure: Environmental Clearance (Identification no.: EC23B008PB183863)

- CC: -
1. The District Commissioner, Ludhiana
 2. The Chairman, Zila Parishad, Ludhiana,
 3. Commissioner, Municipal Corporation, Ludhiana.
 4. Regional Officer, Ludhiana-1, Punjab Pollution Control Board, Ludhiana.
 - ✓ 5. The General Manager, DIC, Ludhiana.
 6. The Environmental Engineer, Punjab Pollution Control Board, Regional Office-1, Ludhiana.
 7. Gram Panchayat - Kadiana Khurd

TATA STEEL LIMITED

C 44-47, Phase 2, Focal Point, Ludhiana, Punjab, 141 010
Registered Office: Bombay House, 24 Homi Mody Street, Fort Mumbai 400 001 India
Tel 91 22 6665 8282 Fax 91 22 6665 7224 Website www.tatasteel.com
Corporate Identity Number L27100MH1900PLC000260

40
Saroj Kumar Singh
06/09/23
2023



The Member Secretary
Punjab Pollution Control Board,
Vatavaran Bhavan, Nabha Road,
Patiala, Punjab 147 001

E&P/I.DH/27/2023
Date: September 06, 2023

Sub: Intimation of "Grant of Environmental Clearance" for Proposed 0.75 Million Tonnes Per Annum (MTPA) of Crude Steel Production Through EAF at Industrial Plot A-1, Village-Kadiana Khurd, (Adjacent to Hi-Tech Cycle Valley), Tehsil - Ludhiana East, District-Ludhiana, Punjab by M/s Tata Steel Limited.

Dear Sir,

With reference to the aforesaid subject, we would like to inform you that Environmental Clearance has been granted vide EC Identification No. EC23B008PB183863, File No. - SEIAA/PB/IND/2023/EC/06 issue on dated 10/08/2023, for establishment of 0.75 MTPA Crude Steel Production through electric arc furnace at Industrial Plot A-1, Adjacent to Hi-Tech Cycle Valley at village-Kadiana Khurd, Tehsil-Ludhiana (East), Distt.- Ludhiana, Punjab by M/s Tata Steel Limited.

We hope above is in line with the statutory requirements.

Thanking you,

For Tata Steel Limited
For Tata Steel Limited
Authorized Signatory

Aun. Signatory

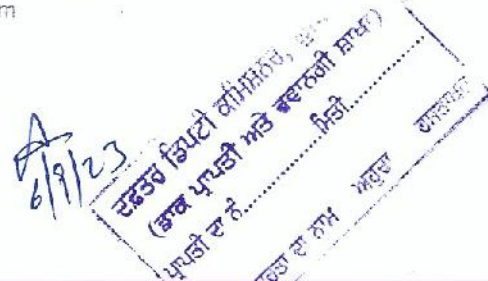
Saroj Kumar Singh
Chief, Ludhiana Project

Enclosure: Environmental Clearance (Identification no.: EC23B008PB183863)

- CC: - ✓ 1. The District Commissioner, Ludhiana
2. The Chairman, Zila Parishad, Ludhiana,
3. Commissioner, Municipal Corporation, Ludhiana.
4. Regional Officer, Ludhiana-1, Punjab Pollution Control Board, Ludhiana.
5. The General Manager, DIC, Ludhiana.
6. The Environmental Engineer, Punjab Pollution Control Board, Regional Office-1, Ludhiana.
7. Gram Panchayat - Kadiana Khurd

TATA STEEL LIMITED

C 44-47, Phase 2, Focal Point, Ludhiana, Punjab, 141 010
Registered Office: Bombay House, 24 Homi Mody Street, Fort Mumbai 400 001 India
Tel 91 22 6665 8282 Fax 91 22 6665 7724 Website www.tatasteel.com
Corporate Identity Number L27100MH1907PLC000260





Corporate



Our Organisation



Environment



Environment Compliance Reports

Biomedical Waste are being published and updated.

Search

Ludhiana



Choose Year



CANCEL
AUDIO



EXPLORE
MORE

Found 5 results.

Environment Clearance compliance of M/s Tata Steels Ltd., Ludhiana for the period Oct 2024 to March 2025



Ludhiana 30 May 2025

Compliance Report: Social Impact Project in Ludhiana
Financial Year: FY 2025-2026
Period: April 2025-September 2025

A. Improving Quality Education

(i) Soft Skill Development of youth by providing courses on Basic IT, Advance IT and English Learning in collaboration with NIIT Foundation.

Tata Steel Foundation, in collaboration with NIIT Foundation, has established English and IT Learning center, where youth are being trained in Basic IT and Advance IT Tally, Tally and English learning. This will empower the youth and will enhance the employability and personal growth of young individuals preparing them for further education and competitive job contributing effectively to the community.

The vibrancy of the centre was maintained by celebrating festivals and important days, role play activity to prepare children for interview, elocution, book reading activity, parents teachers meeting etc. to make community accountable and responsible towards children's education, create awareness with respect to social issue and culture, prepare the children for their future career and education. Below is the beneficiary details of the Project with respect to courses offered at the Centre.

| S.No | Course | Beneficiaries | | | |
|--|--------------------|----------------|-----------------|------------|------------|
| | | Apr25 - June25 | July25 - Sept25 | Total | Unique No. |
| 1 | Basic IT | 43 | 25 | 68 | 64 |
| 2 | Advance IT | 21 | 25 | 46 | 13 |
| 3 | Tally | 2 | 7 | 9 | 2 |
| 4 | English | 23 | 37 | 60 | 55 |
| 5 | Cyber Security | 69 | 78 | 147 | - |
| 6 | Gross Total | 158 | 172 | 330 | 134 |
| Total no. of girls - 178, Total no. of boys – 152 | | | | | |



Basic & Advance IT classes



English learning Classes

(ii) Jyoti Fellowship

Objective: Support universalization of secondary education among Dalit and Tribal Students through Jyoti Fellowship (scholarship program).

To encourage students to continue their education from Class 8 to Class 12, Scholarship of INR 6000 per year will be awarded to meticulous students who appears and clears the Jyoti Fellowship assessment. Along with continuation of 32 students of previous 02 financial year FY-24 & FY-25, to pursue uninterrupted education and build a better future. **Jyoti Fellowship exam was successfully conducted, a total of 62 children appeared in the examination.**



Jyoti fellowship examination

(iii)Pre-Matric Coaching

Objective: Academic support and structured guidance to school going children to strengthen their foundational learning, improve subject understanding and enhance their confidence for board examination and reduce dropout risk.

The PMC is designed to support students of class 8th to 10th through regular academic sessions, doubt clearing support, and preparation of examination. Students are provided coaching in Mathematics, Science and English to improve academic outcomes, reduce dropout rated, and ensure that students are successfully promoted to the next class with improved learning levels and smooth continuation into higher secondary education.

Total No. of Beneficiaries- 143



B. Promoting Sports Culture amongst Youth

(i) Sports for School Program.

Objective: To promote sportsmanship, physical fitness, and youth engagement by providing structured training to both boys and girls in government schools.

Tata Steel Foundation has introduced sports coaching in 08 Primary and 01 Middle schools of Ludhiana District. The sports instructor visit schools and conduct sports sessions which help students to stay physically active, learn teamwork and discipline and develop interest and talent in different sports.

Total No. of students benefitted- 700



Sports session

C. Gender & Community Enterprise

(i) Strengthening of SHGs

Objective: Strengthen capacity of SHG by improving Financial Literacy, record keeping, leadership, and enterprise skills, ensuring regular meetings and saving and enabling SHGs to become self-reliant, economically stable, and capable of accessing livelihood and government support schemes.

Training sessions are being conducted for Self-Help Groups (SHGs) women in the villages of Bhukri Kalan, Kadiana Khurd, Jeevanpur, and Wallipur. A total of 100 women participated in workshops focused on SHG bookkeeping and the foundational principles of SHG formation and functioning. These sessions aim to strengthen organizational capacity and promote self-reliance among rural women, enabling them to take collective steps toward financial

independence. Under the SHG strengthening initiative, two SHGs have been revived and one new SHG has been formed.



Book Keeping Training

D. Developing an ecosystem that fosters self-reliance and a life of dignity for all Persons with Disability (PwDs)

(i) Disability

Disability Awareness Workshop is scheduled to be held in the month of December 2025 – January 2026.

E. Skill Development

To address the prevailing skills gap and establish a sustainable model for enhancing vocational education in Punjab, Tata Steel Foundation (TSF), in partnership with the Department of Technical Education & Industrial Training (DTE&IT), Punjab, successfully implemented a transformative vocational training initiative. Conducted in collaboration with Tata STRIVE and Schneider Electric, the program was rolled out across two Industrial Training Institutes (ITIs)- ITI Gill Road, Ludhiana, and ITI Samrala.

The project focused on strengthening the Electrical trade by equipping students with employability skills, upgrading training infrastructure, and delivering advanced, industry-aligned instruction. As part of the initiative, TSF and Schneider Electric established state-of-the-art Electrical Labs at both ITIs, providing modern equipment and hands-on exposure to cutting-edge technologies. Schneider Electric's contribution of technical infrastructure enabled students to train on industry-standard tools, bridging the gap between theoretical learning and practical application.

Total No. of Beneficiaries- 525



Classes at ITI -Gill Road



Classes at ITI -Samrala

F. Road Construction

Construction of village road connecting Kadiana Khurd and Bhukri Khurd to support farmers who face challenges in accessing their farmland due to a deep crater between the two villages is in progress. The work is under progress and is expected to get completed by FY 2026.



Construction of road between Kadiana Khurd to Bhukri Khurd

All amount in lakhs

| G. Budget & Spend Details | | |
|--------------------------------------|---|---|
| SN | Areas of Intervention in FY 25-26 | Expenditure incurred Apr 25-Sep 25 |
| A | Improving quality of education | 3.84 |
| (i) | Soft Skill Development of youth by providing courses on Basic IT, Advance IT and English Learning in collaboration with NIIT Foundation | 3.64 |
| (ii) | Jyoti Fellowship | 0 |
| (iii) | Pre- Matric Coaching | 0.19 |
| B | Promoting Sports Culture Amongst Rural Youth | 0.11 |
| (i) | Grassroot Coaching Centre | 0.11 |
| (ii) | Sports Tournament | 0 |
| C | Gender and Community Enterprise | 1.06 |
| (i) | Strengthening of SHGs/Vocational Training | 1.06 |
| (ii) | Women Empowerment | 0 |
| D | Developing an ecosystem that fosters self-reliance and a life of dignity for all Persons with Disability (PwDs) | 0 |
| E | Skill Development | 0.88 |
| (i) | Capacity Building/Youth Conclave/Electrical Lab in ITI/Employability Skill | 0.88 |
| F | Rural Infrastructure | 0.62 |
| (i) | Road Construction | 0.62 |
| Total | | 6.50 |

| Additional Environmental Activities (AEA) | | | | | | | |
|---|---|------------------|--------|--------|--------|--------|---------|
| Sl.No | Particulars | Year 1 (2023-24) | Year 2 | Year 3 | Year 4 | Year 5 | Total |
| (Rs. In Lakhs) | | | | | | | |
| | Solution for Community sewage treatment and waste mangement in 12 Gram Panchayat in Proximate Villages developed by TSF and managed by the Gram Panchayat | 22.00 | 165.00 | 187.00 | 374.00 | 374.00 | 1122.00 |
| a) | | | | | | | |
| b) | Solid Waste Mgmt including composting /vermi composting in 12 villages | 0.00 | 33.00 | 33.00 | 66.00 | 66.00 | 198.00 |
| c) | Creating/Updgrading Community Park or Space | 0.00 | 66.00 | 0.00 | 0.00 | 0.00 | 66.00 |
| d) | Installation of Solar Solutions to promote green energy | 30.80 | 46.20 | 57.75 | 57.75 | 57.75 | 250.25 |
| e) | Provision of Roof top Rainwater harvesting in Public Schools or in other Public Buildings in Proximate village | 0.00 | 11.00 | 11.00 | 11.00 | 11.00 | 44.00 |
| f) | Cleaner Fuels | 0.00 | 5.50 | 5.50 | 5.50 | 5.50 | 22.00 |
| g) | Plantation | 15.00 | 4.50 | 3.00 | 1.50 | 0.00 | 24.00 |
| h) | Community Symposium on Agri Farm | 5.50 | 33.00 | 27.50 | 27.50 | 27.50 | 121.00 |
| i) | The Green School Project to promote behaviour change for environmental conservation and develop resilience among vulnerable communities through school ecosystems | 0.00 | 27.50 | 30.80 | 30.80 | 30.80 | 119.90 |
| j) | Community based Upcycling of Plastic Waste | 5.50 | 55.00 | 27.50 | 27.50 | 27.50 | 143.00 |
| k) | Strom Water Drainage Improvement in Proximate Village | 0.00 | 5.50 | 220.00 | 220.00 | 0.00 | 445.50 |
| l) | Community & Youth Awareness on Environment through Outbound Activities | 0.00 | 11.00 | 11.00 | 8.80 | 8.80 | 39.60 |
| | | 78.80 | 463.20 | 614.05 | 830.35 | 608.85 | 2595.25 |

Note: The budget proposed is projection that can vary basis need and implementation.