SCANIA STEELS & POWERS LIMITED
FORMERLY KNOWN AS
SIDHI VINAYAK SPONGE IRON PVT. LTD.
Office : R-19, Civil Township, Rourkela - 769 004 (Odisha)
Ph. : 0661-2400784, 2401791(O), Fax : 0661-2400007

DATE: 12th August, 2025

The Additional Principal Chief Conservator of Forests (C),
Ministry of Environment, Forest and Climate Change,
Regional Office (WCZ), Ground Floor, East Wing,
New Secretariat Building Civil Lines,
Nagpur-440001

Subject: Six Monthly Compliance Report for the period of October, 2024 to March, 2025 for expansion of integrated steel plant & captive power plant at village Punjipatra, District Raigarh, Chhattisgarh by M/s. Scania Steels and Powers Limited

Ref.: MoEF&CC File No. J-I1011/1267/2007-IA.II(I) dt. 7th August, 2018

Dear Sir,

With reference to the above mentioned Environmental Clearance letter (File No. J-11011/1267/2007-IA II (I)) dated 7th August, 2018, we do hereby submit six monthly Compliance Report for the period of **October, 2024 to March, 2025** for expansion of integrated steel plant & captive power plant at village Punjipatra, District Raigarh in Chhattisgarh.

Thanking you,

Yours faithfully,
for **Scania Steels and Powers Limited**
SCANIA STEELS & POWERS LIMITED

Director

Sanjay Gadodia
Director

Encl.: as above.

Six Monthly Environmental Compliance Report

(Period: October, 2024 to March, 2025)

Refer: **MOEF&CC File No. J-11011/1267/2007-IA.II(I) dt. 7th August, 2018**

for

EXPANSION OF INTEGRATED STEEL PLANT & CAPTIVE POWER PLANT

at

VILLAGE PUNJIPATRA,
DISTRICT RAIGARH,
CHHATTISGARH

Project Proponent

M/S SCANIA STEELS AND POWERS LIMITED

R-19, Civil Township, Rourkela - 769004 (Odisha)

STATUS OF ENVIRONMENTAL CLEARANCE CONDITIONS FOR EXPANSION OF INTEGRATED STEEL PLANT & CAPTIVE POWER PLANT AT VILLAGE PUNJIPATRA, DISTRICT RAIGARH, CHHATTISGARH BY M/S. SCANIA STEELS AND POWERS LIMITED

Ref.: MOEF&CC File No. J-11011/1267/2007-IA.II(I) dt. 7th August, 2018

At present, The company is operating one unit at Village: Punjipatra, Tehsil Tamnar, District Raigarh in Chhattisgarh with 4x100 TPD DRI Kilns along with Waste Heat Recovery Boiler (WHRB) based Captive Power Plant of 8 MW capacity. Besides, 1 x 6 T + 1 x 8 T IFs have been implemented but the same are not under operation. 2x15 T Induction Furnaces are under process, for which environmental clearance has already been granted by MoEF&CC.

SL. NO.	CONDITIONS	STATUS AS ON 11.08.2025
A.	**SPECIFIC CONDITION**	
1)	The EC is subject to the outcome of Civil Appeal No. 6025 of 2012 before Hon'ble Supreme Court of India.	Agreed.
2)	The particulate matter emission from all the process stacks shall not be more than 30 mg/Nm^3.	The particulate matter emission from the process stacks have been reduced to 30 mg/Nm^3. An amount of around Rs. 33.52 lacs have been spent to modify the existing pollution control system to contain the PM emission within 30 mg/Nm^3. Monthly stack emission monitoring reports for six months have been attached as **Annexure-1**. **Complied.**
3)	The project proponent shall take adequate measures to bring the Ambient Air Quality as per National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009.	The particulate matter emission from all the process stacks have been reduced to 30 mg/Nm^3 by modifying the control equipment. Ambient Air Quality monitoring is being carried out at 4 relevant locations near the plant. The monitored data of Ambient Air Quality for six months have been attached as **Annexure-3**. **Complied.**
4)	The monitoring of the secondary fugitive emissions will be carried around Product House, SMS and RMH guard as per the frequency specified under the National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009.	Fugitive emission monitoring is being carried out at 3 relevant locations inside the plant. The monitored data of Fugitive emission for six months have been attached as **Annexure-4.** Pneumatic Dust Control system has been installed in March, 2024 to control fugitive emissions. **Complied.**

B.	GENERAL CONDITION	
1)	An amount of Rs 225 Lakhs proposed towards Corporate Environment Responsibility (CER) shall be utilized as capital expenditure in project mode. The project shall be completed in concurrence with the implementation of the expansion and estimated on the basis of Scheduled Rates.	Total expenditure done till date is 227.81 Lakhs, which is more than the required amount of 225 Lakhs. **Complied.**
2)	Green belt shall be developed in 7.85 Ha equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	Within the existing plant area, greenbelt is present significantly. Out of the total plant area of 23.472 hectares (58 acres), the area covered under plantation is 7.85 hectares (19.4 acres). Hence, over 33% of the total plant area is under plantation. Around 19625 plants/ trees are existing in the plant area. **Complied.**
3)	The Capital cost Rs. 7.2 Crores and annual recurring cost Rs. 72 Lakhs towards the environmental protection measures shall be earmarked separately. The funds so provided shall not be diverted for any other purpose.	**Being complied.**
4)	The project proponent shall (Air Quality Monitoring):	
a.	install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R 414 (E) dated 30th May 2008 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 system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Continuous stack emission monitoring system has been installed for the existing stacks, which is connected to the CPCB/ CECB online servers. Monthly continuous stack emission monitoring data for six months have been attached as **Annexure-2**. **Complied.**
b.	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.	Fugitive emission monitoring is being carried out at 3 relevant locations inside the plant. The monitored data of Fugitive emissions for six months have been attached as **Annexure-4.** Pneumatic Dust Control system has been installed in March, 2024 to control fugitive emissions. **Complied.**

c.	install system carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM_{10} and $PM_{2.5}$ in reference to PM emission, and SO_2 and NOx in reference to SO_2 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;	Ambient Air Quality is being monitored through the third party laboratory in compliance with Sl. No. 3 of Specific Condition. Now, all 4 nos. Continuous ambient air quality monitoring system has already been installed at 4 relevant locations as per EC Condition 4 (c) for the air quality parameters of PM10, PM2.5, SO_2 and NOx and all are in operation. **Complied.**
d.	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 Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Monthly summary report of continuous stack emission has been attached as **Annexure-2**. The same for continuous air quality monitoring is also enclosed as **Annexure-3A**. Results of manual stack monitoring and manual monitoring of air quality / fugitive emissions for six months are attached as **Annexure-1, Annexures-3** and **Annexure-4** respectively. Project Proponent has been submitting six-monthly compliance report along with monitored data by uploading the same on the Parivesh portal as per OMs dated 14th June, 2014 & 14th June, 2024 of MoEF&CC. **Complied.**
5)	The project proponent shall (Water Quality Monitoring):	
a)	install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R 414 (E) dated 30th May 2008; 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.	The plant has been designed as zero discharge plant as far as the process effluents are concerned. The water is recirculated through cooling and treatment. No plant effluent is discharged outside the plant premises. The entire waste water is recycled for various purposes e.g., dust suppression & greenery purpose inside the plant. Domestic effluent from the various buildings / sheds of the plant is treated in the Sewage Treatment Plant (STP), which has already been installed. The analysis report of Cooling Discharge Water for the samples, taken for six months has been attached as **Annexure-5.** As stated above, no plant effluent which also includes the cooling discharge water, is discharged outside the

		plant premises. The entire waste water is recycled for various purposes e.g., dust suppression & greenery purpose inside the plant. **Complied.**
b)	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; and	The analysis report for six months of the ground water quality for the sample, taken from the borewell-2 inside the plant has been attached as **Annexure-6.** **Complied.**
c)	submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	The plant has been designed as a zero discharge plant as far as the process effluents are concerned. The water is recirculated through cooling and treatment. No plant effluent is discharged outside the plant premises. The entire waste water is recycled for various purposes e.g., dust suppression & greenery purpose inside the plant. Project Proponent has been submitting six-monthly compliance report along with monitored data by uploading the same on the Parivesh portal as per OMs dated 14th June, 2014 & 14th June, 2024 of MoEF&CC. Domestic effluent from the various buildings / sheds of the plant is treated in the Sewage Treatment Plant (STP) which has been installed recently. The analysis report of Cooling Discharge Water for the samples, taken for six months is attached as **Annexure-5** The analysis report for six months of the ground water quality for the sample, taken from the borewell-2 inside the plant is attached as **Annexure-6**. **Complied.**
6)	The project proponent shall (Air Pollution Control):	

<table>
<tr>
<td>a)</td>
<td>provide appropriate Air Pollution Control (APC) system for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.</td>
<td>Appropriate Air Pollution Control Systems have been installed at all the relevant points to contain the dust emissions within the prescribed standards. The details are given in the following table:
<table>
<tr><th>Pollution Sources</th><th>Mitigation Measures</th></tr>
<tr><td colspan="2">Sponge Iron Plant:</td></tr>
<tr><td>Dust from the process</td><td>ESP</td></tr>
<tr><td>Unloading of Raw Material</td><td>Sprinkler / Fogging / Mist</td></tr>
<tr><td>Raw Material Handling area</td><td>Bag Filter</td></tr>
<tr><td>Cooler Discharge & Product Separation Area</td><td>Bag Filter</td></tr>
<tr><td colspan="2">Steel Melting Shop:</td></tr>
<tr><td>Fumes from Furnaces (IF / LRF)</td><td>Bag Filter</td></tr>
</table>
Besides, pneumatic Dust Control system has been installed in March, 2024 to control fugitive emissions.

Complied.</td>
</tr>
<tr>
<td>b)</td>
<td>provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags;</td>
<td>Available.

Complied.</td>
</tr>
<tr>
<td>c)</td>
<td>provide pollution control system in the steel plant as per the CREP Guidelines of CPCB;</td>
<td>
<table>
<tr><th>SN</th><th>Unit / Item</th><th>Responsibilities</th><th>Extent of fulfillment</th></tr>
<tr><td>1.</td><td>DRI</td><td>Utilisation of dolochar & waste gas</td><td>Waste gas is being used in the WHR Boiler. Dolochar is used for power generation by the power generation companies.</td></tr>
<tr><td>2</td><td>SMS</td><td>To reduce fugitive emission by installing a secondary de-dusting system</td><td>Secondary de-dusting facility envisaged to reduce the fugitive emission.</td></tr>
<tr><td>3.</td><td>SMS</td><td>Utilisation of SMS Slag</td><td>100% utilization will be explored. At present, Induction Furnaces are not in operation.</td></tr>
</table>
</td>
</tr>
</table>

		4.	Water conservation/ pollution	Reduce specific water consumption to 5 m^3/t for long products and 8 m^3/t for flat products.	The statutory norms are being complied to.
		5.	Stack & AAQ	Installation of Continuous stack monitoring system & its calibration in major stacks and setting up of the online ambient air quality monitoring stations.	Complied.
		6.	APCS	To operate the pollution control equipment efficiently and to keep proper record of run hours, failure time and efficiency with immediate effect. Besides, pneumatic Dust Control system has been installed in March, 2024 to control fugitive emissions. Copies of the Tax Invoices & Purchase Order have been enclosed as Annexure-4A & Annexure-4B respectively.	Being complied.
		Complied.			
d)	provide sufficient number of mobile or stationery vacuum cleaners to clean plant roads, shop floors, roofs regularly;	Vacuum Cleaners are deployed in the plant. The photographs of vacuum cleaners have been enclosed as **Annexure – 14.** **Complied.**			
e)	recycle and reuse 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;	Being followed. **Complied.**			
f)	ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation;	Raw materials like Iron Ore, Coal, Dolomite, etc. are stored in the raw material yard from where they are conveyed to the stock house kept in day bins by feeding into ground hopper and covered conveyors. **Complied.**			
g)	provide wind shelter fence and chemical	Wind shelter has been provided at the			

	spraying on the raw material stock piles.	stockyard. Photographs of the same have been enclosed as **Annexure – 15**. **Complied.**
7)	The project proponent shall (Water Pollution Control):	
a)	adhere to 'zero liquid discharge';	The plant has been designed as a zero discharge plant as far as the process effluents are concerned. The water is re-circulated through cooling and treatment. No plant effluent is discharged outside the plant premises. The entire waste water is recycled for various purposes e.g., dust suppression & greenery purpose inside the plant. Domestic effluent from the various buildings / sheds of the plant is treated in the Sewage Treatment Plant (STP), which has been installed recently.
b)	provide Sewage Treatment Plant for domestic wastewater; and	Domestic effluent from the various buildings / sheds of the plant is treated in the Sewage Treatment Plant (STP), which has been installed recently.
c)	provide garland drains and collection pits for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.	Provided
8)	The project proponent shall (Water Conservation):	
a)	practice rainwater harvesting to maximum possible extent; and	The company has constructed Ground water recharge structures (Ponds & pits with shaft) as guided by the CGWB officials having capacity of more than 65,493 m^3/year, for augmenting the ground water resources of the area, as per issued Renewal of NOC. The company has 58 acres land and rainwater is being recharged through 2 de-silting chambers & ponds with filter media and shaft. 2 nos. roof water harvesting have been constructed with filter media pit along with shaft. Pond with 1 no. recharge shaft :- (50.3+44.3)*(33.5+27.3)*6.1 m^3, Recharge shaft 40 m with filter media 4M*2M*2M Provided with proper drainage system. Roof Top Rain Water Harvesting structure (De-siltation + Filter pit with recharge

		shaft):- 2 **Numbers:** 1) Area of admin building 15M x 8M and water goes to pond in front of office pond dimension of 10 X 12 X 8 M^3, without recharge shaft 2) Roof top dimension of Stock shed 6M X 20M with recharge pit dimension 3 x 2.5 x 2 m^3 with 40 m shaft. Further, the company has proposed to construct the rain water harvesting pond with filter media and shaft as per guideline of CGWA – New Delhi (if required). **Complied.**
b)	make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.	All efforts have been made to minimise the use of fresh water by recycling the entire effluent water. **Complied.**
9)	The project proponent shall (Energy Conservation):	
a)	provide waste heat recovery system on the DRI Kilns;	Waste Heat Recovery Boiler has been installed and is in operation to utilize the waste heat, generated from DRI kilns (4 Nos.) in steam generation which in-turn is able to generate 8 MW power. **Complied.**
b)	provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly; and	Solar panel of 3KWp has been installed at the rooftop of the admin building. 5 solar street lights of 40 W are also installed. Photographs are enclosed as **Annexure 12.** **Complied.**
c)	provide the project proponent for LED lights in their offices and residential areas;	LED lights have been provided in the plant office and the residential areas. **Complied.**
10)	Used refractories shall be recycled as far as possible.	Shall be complied.
11)	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.	Prepared and enclosed as **Annexure 11.**
12)	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan	Emergency preparedness plan is already in place.

	shall be implemented.	**Complied.**
13)	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 Factor	Heat Stress Analysis Report is enclosed as **Annexure 16**. **Complied.**
14)	The project proponent shall adhere to the corporate environmental policy and system of the reporting of any infringements/ non-compliance of EC conditions at least once in a year to the Board of Directors and the copy of the board resolution shall be submitted to the MoEF&CC as a part of six-monthly report.	The company adheres to its corporate environmental policy. The copy of the board resolution is enclosed as **Annexure 17.** **Complied.**
15)	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the steel plants shall be implemented.	Already mentioned against Sl. No. 6(C) **Complied.**
16)	A dedicated environmental cell with qualified personnel shall be established. The head of the environment cell shall report directly to the head of the organization.	Name and qualification of the Environment Cell Personnel have been enclosed as **Annexure 18.**
17)	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.	**Being complied.**
18)	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	**Agreed.**
19)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	**Agreed**
20)	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.	Used oils removed from machinery, gear boxes, compressors etc. are collected in drums and temporarily stored in specifically earmarked areas. They are disposed through the approved agencies. The company has already been granted authorization under the Hazardous and the Other Wastes (Management & Transboundary Movement Rules), 2016 by Chhattisgarh Environment Conservation Board (CECB), which is attached as **Annexure-9**.

		Complied.
21)	The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dB(A) during day time and 70 dB(A) during night time.	Monitoring of noise level has been conducted and the results are well within prescribed limits. Noise Level Monitoring results for six months have been attached as **Annexure-7.** **Complied.**
22)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	**Complied.**
23)	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report.	**Being complied.**
24)	The project proponent shall (Post-EC monitoring):	
a.	send a copy of environmental clearance letter to the heads of Local Bodies, Panchayat, Municipal bodies and relevant offices of the Government;	The copy of the Environmental Clearance for the project has already been sent to the respective offices as per the instruction. **Complied.**
b.	put on the clearance letter on the web site of the company for access to the public.	The company has already developed its website https://scaniasteels.com and the copy of EC has been uploaded.
c.	inform the public through advertisement within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment, Forests and Climate Change (MoEF&CC) at http:/ envfor.nic.in.	The copies of the advertisements in two local newspapers have been attached as **Annexure-8**. Date of Publication: 10 August, 2018 Name of the Newspapers: 1. Ispat Times 2. Jankarm Madhya **Complied.**
d.	upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same periodically;	Project Proponent has been submitting six-monthly compliance report along with monitored data by uploading the same on the Parivesh portal as per OMs dated 14th June, 2014 & 14th June, 2024 of MoEF&CC. The company has developed its website https://scaniasteels.com and the six-monthly compliance reports have been uploaded therein **.**
e.	monitor the criteria pollutants level namely; PM_{10}, SO_2, NO_X (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location	**Being complied.**

	for disclosure to the public and put on the website of the company;	
f.	submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB;	Project Proponent has been submitting six-monthly compliance report along with monitored data by uploading the same on the Parivesh portal as per OMs dated 14th June, 2014 & 14th June, 2024 of MoEF&CC.
g.	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;	**Being complied.**
h.	inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	**Date of financial closure & final approval**: Company's own finance **Date of commencement of the land development work:** June 2009
28.0	The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee (Industry-I) and hereby decided to grant environmental clearance for the proposed expansion of Integrated Steel Plant & Captive Power Plant (Sponge Iron Plant: 200 TPD; Steel Melting Shop: 135000 TPA; and WHRB 8 MW) at village Punjipatra, District Raigarh, Chhattisgarh by M/s Scania Steels and Powers Limited under the provisions of EIA Notification, 14th September, 2006, as amended, subject to strict compliance of the above conditions.	-
29.0	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	-
30.0	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	-
30.0	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and that during their presentation to the Expert Appraisal Committee. The commitment made by the project proponent to the issue raised during Public Hearing shall be implemented by the proponent	**Agreed and shall be complied.**
31.0	The above conditions shall be enforced,	The company has already been granted

	inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	authorization under the Hazardous and the Other Wastes (Management & Transboundary Movement Rules), 2016 by Chhattisgarh Environment Conservation Board (CECB), which is attached as **Annexure-9**. The copy of the policy under the Public Liability Insurance Act, 1991 is also attached as **Annexure-10**.
32.0	This EC is issued in supersession of earlier EC vide F. No. J- 11011/1267/2007-IA.II(I) dated 5th November 2008.	-
33.0	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	-

LIST OF ANNEXURES:

Annexure-1 : Stack Emission Monitoring Reports.
Annexure-2 : Online Continuous Stack Emission Monitoring Data.

Annexure-3 : Monitored Data of Ambient Air Quality.

Annexure-3A : Online Continuous air quality monitoring

Annexure-4: Monitored Data of Fugitive emission.

Annexure-5 : Effluent water Quality Monitoring

Annexure-6 : Analysis report for ground water quality taken from the borewell inside the plant.

Annexure-7: Noise Level Monitoring Data.

Annexure-8 : Advertisement in Local Newspapers after EC accorded.

Annexure-9 : Authorization under the Hazardous and the Other Wastes (Management & Transboundary Movement Rules), 2016 by Chhattisgarh Environment Conservation Board (CECB).

Annexure-10 : Copy of the policy under the Public Liability Insurance Act, 1991.
Annexure-11 : Carbon footprint & sequestration
Annexure-12 : Solar Panel
Annexure-13 : Plastic Waste Management
Annexure-14 : Vacuum Cleaner
Annexure-15 : Wind Shelter
Annexure-16 : Heat Stress
Annexure-17 : Corporate Environmental Policy
Annexure-18 : Management Cell

ANNEXURE-1

Stack Emission Monitoring Report
(October - 2024 to March - 2025)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- **Laboratory Recognized by MoEF&CC, Govt. of India**
- **Laboratory Recognized by WBPCB**
- **Accredited EIA Consultant by QCI-NABET**

100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India
☎ – + 91 33 2443 8127/8128 ; + 91 33 4063 5011; email: eeplkol@gmail.com; eeplkol2@gmail.com
CIN NO : U74210WB1989PTC047403

ANX-1

ANALYSIS REPORT OF FLUE GAS

Name of Industry	**M/s. Scania Steels & Powers Ltd.** **(Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.**
Address	22 KM Stone Gharghoda Road, Vill: Panjipatra, Raigarh, Pin: 496 011
Date of Sampling	08.10.2024
Time of Sampling	10:10 hrs;

A.	**General Information about stack**		
1	Stack connected to	**DRI Kilns (1 & 2)**	
2	Emission due to	Burning of Charging Materials (Coal & Dolomite etc)	
3	Material of Construction of Stack	M.S	
4	Shape of Stack	Circular	
5	Whether Stack is provided with Permanent Platform & Ladders	Permanent	
6	Capacity	**100 TPD X 2**	
B.	**Physical Characteristics of Stack**		
1	Height of the stack		
	(a) from Ground Level (m)	54.0	
	(b) from Roof Level (m)	-	
2	Diameter of the stack		
	(a) at bottom (m)	-	
	(b) at top (m)	-	
3	Diameter of the stack at sampling point (m)	2.0	
4	Height of the sampling point from GL (m)	-	
C.	**Analysis/Characteristics of Stack**		
1	Fuel used	Coal	
2	Fuel consumption	1.1 T/hr.	
D	**Field Study of Stack(s)**	**Reference Method**	**Concentration**
1	Temperature of emission (°C)	IS 11255 (Part 1)	98
2	Barometric Pressure (mmHg)	-	750
3	Velocity of gas in duct (M/sec)	IS 11255 (Part 3)	11.02
4	Quantity of gas flow (Nm^3/hr)	IS 11255 (Part 3)	97464
5	Concentration of CO (% V/V)	IS 13270	-
6	Concentration of CO_2 (% V/V)	IS 13270	7.9
E	**Laboratory Test Result(s)**		
7	Concentration of SO_2 (mg/Nm^3)	IS 11255 (Part 2)	-
8	Concentration of NOx (mg/Nm^3)	US EPA, Method 7	-
9	Concentration of PM (mg/Nm^3)	IS 11255 (Part 1)	18.0
10	Concentration of PM (mg/Nm^3) at 12% CO_2	-	
E	**Pollution Control Device**		
	Details of pollution control device attached with the stack	ESP	
F	**Remarks:** There is a common stack, connected to the DRI Kilns (1 & 2). Both the DRI Kilns (1 & 2) were in operation at the time of sampling.		

Note : - - Contents of this report are meant for your guidance and should not be used for Advertisement, Evidence or Litigation
- The Physical information about stack details (viz. height, diameter etc.) were provided by respective Industry/Party

For ENVIROTECH EAST (P) LTD.

(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- **Laboratory Recognized by MoEF&CC, Govt. of India**
- **Laboratory Recognized by WBPCB**
- **Accredited EIA Consultant by QCI-NABET**

100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India
☎ – + 91 33 2443 8127/8128 ; + 91 33 4063 5011; email: eeplkol@gmail.com; eeplkol2@gmail.com
CIN NO : U74210WB1989PTC047403

ANX-1

ANALYSIS REPORT OF FLUE GAS

Name of Industry	**M/s. Scania Steels & Powers Ltd.** **(Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address	22 KM Stone Gharghoda Road, Vill: Panjipatra, Raigarh, Pin: 496 011
Date of Sampling	08.10.2024
Time of Sampling	13:00 hrs;

A.	**General Information about stack**		
1	Stack connected to	**DRI Kilns (3 & 4)**	
2	Emission due to	Burning of Charge Materials (Coal & Dolomite)	
3	Material of Construction of Stack	M.S	
4	Shape of Stack	Circular	
5	Whether Stack is provided with Permanent Platform & Ladders	Permanent	
6	Capacity	**100 TPD X 2**	
B.	**Physical Characteristics of Stack**		
1	Height of the stack		
	(a) from Ground Level (m)	55.0	
	(b) from Roof Level (m)	-	
2	Diameter of the stack		
	(a) at bottom (m)	-	
	(b) at top (m)	-	
3	Diameter of the stack at sampling point (m)	2.0	
4	Height of the sampling point from GL (m)	-	
C.	**Analysis/Characteristics of Stack**		
1	Fuel used	Coal	
2	Fuel consumption	1.1 T/hr.	
D	**Field Study of Stack(s)**	**Reference Method**	**Concentration**
1	Temperature of emission (°C)	IS 11255 (Part 1)	118
2	Barometric Pressure (mmHg)	-	750
3	Velocity of gas in duct (M/sec)	IS 11255 (Part 3)	10.7
4	Quantity of gas flow (Nm^3/hr)	IS 11255 (Part 3)	88445
5	Concentration of CO (% V/V)	IS 13270	-
6	Concentration of CO_2 (% V/V)	IS 13270	8.2
E	**Laboratory Test Result(s)**		
7	Concentration of SO_2 (mg/Nm^3)	IS 11255 (Part 2)	-
8	Concentration of NOx (mg/Nm^3)	US EPA, Method 7	-
9	Concentration of PM (mg/Nm^3)	IS 11255 (Part 1)	17.0
10	Concentration of PM (mg/Nm^3) at 12% CO_2	-	
E	**Pollution Control Device**		
	Details of pollution control device attached with the stack	ESP	
F	**Remarks:** There is a common stack, connected to the DRI Kilns (3 & 4). Both the DRI Kilns (3 & 4) were in operation at the time of sampling.		

Note : - - Contents of this report are meant for your guidance and should not be used for Advertisement, Evidence or Litigation
- The Physical information about stack details (viz. height, diameter etc.) were provided by respective Industry/Party

For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. Kolkata 700107

(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

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CIN NO : U74210WB1989PTC047403

ANX-1

ANALYSIS REPORT OF FLUE GAS

Name of Industry	**M/s. Scania Steels & Powers Ltd.** **(Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.**
Address	22 KM Stone Gharghoda Road, Vill: Panjipatra, Raigarh, Pin: 496 011
Date of Sampling	05.11.2024
Time of Sampling	10:25 hrs;

A.	**General Information about stack**		
1	Stack connected to	**DRI Kilns (1 & 2)**	
2	Emission due to	Burning of Charging Materials (Coal & Dolomite etc)	
3	Material of Construction of Stack	M.S	
4	Shape of Stack	Circular	
5	Whether Stack is provided with Permanent Platform & Ladders	Permanent	
6	Capacity	**100 TPD X 2**	
B.	**Physical Characteristics of Stack**		
1	Height of the stack		
	(a) from Ground Level (m)	54.0	
	(b) from Roof Level (m)	-	
2	Diameter of the stack		
	(a) at bottom (m)	-	
	(b) at top (m)	-	
3	Diameter of the stack at sampling point (m)	2.0	
4	Height of the sampling point from GL (m)	-	
C.	**Analysis/Characteristics of Stack**		
1	Fuel used	Coal	
2	Fuel consumption	1.1 T/hr.	
D	**Field Study of Stack(s)**	**Reference Method**	**Concentration**
1	Temperature of emission (°C)	IS 11255 (Part 1)	113
2	Barometric Pressure (mmHg)	-	749
3	Velocity of gas in duct (M/sec)	IS 11255 (Part 3)	10.2
4	Quantity of gas flow (Nm^3/hr)	IS 11255 (Part 3)	86889
5	Concentration of CO (% V/V)	IS 13270	-
6	Concentration of CO_2 (% V/V)	IS 13270	8.4
E	**Laboratory Test Result(s)**		
7	Concentration of SO_2 (mg/Nm^3)	IS 11255 (Part 2)	-
8	Concentration of NOx (mg/Nm^3)	US EPA, Method 7	-
9	Concentration of PM (mg/Nm^3)	IS 11255 (Part 1)	20.0
10	Concentration of PM (mg/Nm^3) at 12% CO_2	-	
E	**Pollution Control Device**		
	Details of pollution control device attached with the stack	ESP	
F	**Remarks:** There is a common stack, connected to the DRI Kilns (1 & 2). Both the DRI Kilns (1 & 2) were in operation at the time of sampling.		

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- The Physical information about stack details (viz. height, diameter etc.) were provided by respective Industry/Party

For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. 100, Kalikapur, Madurdaha Kolkata 700107

(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

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CIN NO : U74210WB1989PTC047403

ANX-1

ANALYSIS REPORT OF FLUE GAS

Name of Industry	**M/s. Scania Steels & Powers Ltd.** **(Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address	22 KM Stone Gharghoda Road, Vill: Panjipatra, Raigarh, Pin: 496 011
Date of Sampling	05.11.2024
Time of Sampling	13:30 hrs;

A.	**General Information about stack**		
1	Stack connected to	**DRI Kilns (3 & 4)**	
2	Emission due to	Burning of Charge Materials (Coal & Dolomite)	
3	Material of Construction of Stack	M.S	
4	Shape of Stack	Circular	
5	Whether Stack is provided with Permanent Platform & Ladders	Permanent	
6	Capacity	**100 TPD X 2**	
B.	**Physical Characteristics of Stack**		
1	Height of the stack		
	(a) from Ground Level (m)	55.0	
	(b) from Roof Level (m)	-	
2	Diameter of the stack		
	(a) at bottom (m)	-	
	(b) at top (m)	-	
3	Diameter of the stack at sampling point (m)	2.0	
4	Height of the sampling point from GL (m)	-	
C.	**Analysis/Characteristics of Stack**		
1	Fuel used	Coal	
2	Fuel consumption	1.1 T/hr.	
D	**Field Study of Stack(s)**	**Reference Method**	**Concentration**
1	Temperature of emission (°C)	IS 11255 (Part 1)	121
2	Barometric Pressure (mmHg)	-	749
3	Velocity of gas in duct (M/sec)	IS 11255 (Part 3)	9.9
4	Quantity of gas flow (Nm^3/hr)	IS 11255 (Part 3)	82105
5	Concentration of CO (% V/V)	IS 13270	-
6	Concentration of CO_2 (% V/V)	IS 13270	8.7
E	**Laboratory Test Result(s)**		
7	Concentration of SO_2 (mg/Nm^3)	IS 11255 (Part 2)	-
8	Concentration of NOx (mg/Nm^3)	US EPA, Method 7	-
9	Concentration of PM (mg/Nm^3)	IS 11255 (Part 1)	21.0
10	Concentration of PM (mg/Nm^3) at 12% CO_2	-	
E	**Pollution Control Device**		
	Details of pollution control device attached with the stack	ESP	
F	**Remarks:** There is a common stack, connected to the DRI Kilns (3 & 4). Both the DRI Kilns (3 & 4) were in operation at the time of sampling.		

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For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. 100, Kalikapur, Madurdaha Kolkata 700107

(Authorized Signatory)

Envirotech East Pvt. Limited

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CIN NO : U74210WB1989PTC047403

ANX-1

ANALYSIS REPORT OF FLUE GAS

Name of Industry	**M/s. Scania Steels & Powers Ltd.** **(Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.**
Address	22 KM Stone Gharghoda Road, Vill: Panjipatra, Raigarh, Pin: 496 011
Date of Sampling	09.12.2024
Time of Sampling	10:20 hrs;

A.	**General Information about stack**		
1	Stack connected to	**DRI Kilns (1 & 2)**	
2	Emission due to	Burning of Charging Materials (Coal & Dolomite etc)	
3	Material of Construction of Stack	M.S	
4	Shape of Stack	Circular	
5	Whether Stack is provided with Permanent Platform & Ladders	Permanent	
6	Capacity	**100 TPD X 2**	
B.	**Physical Characteristics of Stack**		
1	Height of the stack		
	(a) from Ground Level (m)	54.0	
	(b) from Roof Level (m)	-	
2	Diameter of the stack		
	(a) at bottom (m)	-	
	(b) at top (m)	-	
3	Diameter of the stack at sampling point (m)	2.0	
4	Height of the sampling point from GL (m)	-	
C.	**Analysis/Characteristics of Stack**		
1	Fuel used	Coal	
2	Fuel consumption	1.1 T/hr.	
D	**Field Study of Stack(s)**	**Reference Method**	**Concentration**
1	Temperature of emission (°C)	IS 11255 (Part 1)	110
2	Barometric Pressure (mmHg)	-	753
3	Velocity of gas in duct (M/sec)	IS 11255 (Part 3)	11.26
4	Quantity of gas flow (Nm^3/hr)	IS 11255 (Part 3)	96877
5	Concentration of CO (% V/V)	IS 13270	-
6	Concentration of CO_2 (% V/V)	IS 13270	8.8
E	**Laboratory Test Result(s)**		
7	Concentration of SO_2 (mg/Nm^3)	IS 11255 (Part 2)	-
8	Concentration of NOx (mg/Nm^3)	US EPA, Method 7	-
9	Concentration of PM (mg/Nm^3)	IS 11255 (Part 1)	23.0
10	Concentration of PM (mg/Nm^3) at 12% CO_2	-	
E	**Pollution Control Device**		
	Details of pollution control device attached with the stack	ESP	
F	**Remarks:** There is a common stack, connected to the DRI Kilns (1 & 2). Both the DRI Kilns (1 & 2) were in operation at the time of sampling.		

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For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. 100, Kalikapur, Madurdaha Kolkata 700107

(Authorized Signatory)

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CIN NO : U74210WB1989PTC047403

ANX-1

ANALYSIS REPORT OF FLUE GAS

Name of Industry	**M/s. Scania Steels & Powers Ltd.** **(Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address	22 KM Stone Gharghoda Road, Vill: Panjipatra, Raigarh, Pin: 496 011
Date of Sampling	09.12.2024
Time of Sampling	13:40 hrs;

A.	**General Information about stack**		
1	Stack connected to	**DRI Kilns (3 & 4)**	
2	Emission due to	Burning of Charge Materials (Coal & Dolomite)	
3	Material of Construction of Stack	M.S	
4	Shape of Stack	Circular	
5	Whether Stack is provided with Permanent Platform & Ladders	Permanent	
6	Capacity	**100 TPD X 2**	
B.	**Physical Characteristics of Stack**		
1	Height of the stack		
	(a) from Ground Level (m)	55.0	
	(b) from Roof Level (m)	-	
2	Diameter of the stack		
	(a) at bottom (m)	-	
	(b) at top (m)	-	
3	Diameter of the stack at sampling point (m)	2.0	
4	Height of the sampling point from GL (m)	-	
C.	**Analysis/Characteristics of Stack**		
1	Fuel used	Coal	
2	Fuel consumption	1.1 T/hr.	
D	**Field Study of Stack(s)**	**Reference Method**	**Concentration**
1	Temperature of emission (°C)	IS 11255 (Part 1)	130
2	Barometric Pressure (mmHg)	-	753
3	Velocity of gas in duct (M/sec)	IS 11255 (Part 3)	10.43
4	Quantity of gas flow (Nm^3/hr)	IS 11255 (Part 3)	85294
5	Concentration of CO (% V/V)	IS 13270	-
6	Concentration of CO_2 (% V/V)	IS 13270	8.9
E	**Laboratory Test Result(s)**		
7	Concentration of SO_2 (mg/Nm^3)	IS 11255 (Part 2)	-
8	Concentration of NOx (mg/Nm^3)	US EPA, Method 7	-
9	Concentration of PM (mg/Nm^3)	IS 11255 (Part 1)	26.0
10	Concentration of PM (mg/Nm^3) at 12% CO_2	-	
E	**Pollution Control Device**		
	Details of pollution control device attached with the stack	ESP	
F	**Remarks:** There is a common stack, connected to the DRI Kilns (3 & 4). Both the DRI Kilns (3 & 4) were in operation at the time of sampling.		

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For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. Kolkata 700107

(Authorized Signatory)

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CIN NO : U74210WB1989PTC047403

ANX-1

ANALYSIS REPORT OF FLUE GAS

Name of Industry	**M/s. Scania Steels & Powers Ltd.** **(Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.**
Address	22 KM Stone Gharghoda Road, Vill: Panjipatra, Raigarh, Pin: 496 011
Date of Sampling	06.01.2025
Time of Sampling	10:15 hrs;

A.	**General Information about stack**		
1	Stack connected to	**DRI Kilns (1 & 2)**	
2	Emission due to	Burning of Charging Materials (Coal & Dolomite etc)	
3	Material of Construction of Stack	M.S	
4	Shape of Stack	Circular	
5	Whether Stack is provided with Permanent Platform & Ladders	Permanent	
6	Capacity	**100 TPD X 2**	
B.	**Physical Characteristics of Stack**		
1	Height of the stack		
	(a) from Ground Level (m)	54.0	
	(b) from Roof Level (m)	-	
2	Diameter of the stack		
	(a) at bottom (m)	-	
	(b) at top (m)	-	
3	Diameter of the stack at sampling point (m)	2.0	
4	Height of the sampling point from GL (m)	-	
C.	**Analysis/Characteristics of Stack**		
1	Fuel used	Coal	
2	Fuel consumption	1.1 T/hr.	
D	**Field Study of Stack(s)**	**Reference Method**	**Concentration**
1	Temperature of emission (°C)	IS 11255 (Part 1)	116
2	Barometric Pressure (mmHg)	-	754
3	Velocity of gas in duct (M/sec)	IS 11255 (Part 3)	10.9
4	Quantity of gas flow (Nm^3/hr)	IS 11255 (Part 3)	92545
5	Concentration of CO (% V/V)	IS 13270	-
6	Concentration of CO_2 (% V/V)	IS 13270	8.9
E	**Laboratory Test Result(s)**		
7	Concentration of SO_2 (mg/Nm^3)	IS 11255 (Part 2)	-
8	Concentration of NOx (mg/Nm^3)	US EPA, Method 7	-
9	Concentration of PM (mg/Nm^3)	IS 11255 (Part 1)	26
10	Concentration of PM (mg/Nm^3) at 12% CO_2	-	
E	**Pollution Control Device**		
	Details of pollution control device attached with the stack	ESP	
F	**Remarks:** There is a common stack, connected to the DRI Kilns (1 & 2). Both the DRI Kilns (1 & 2) were in operation at the time of sampling.		

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For ENVIROTECH EAST (P) LTD.

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ANX-1

ANALYSIS REPORT OF FLUE GAS

Name of Industry	**M/s. Scania Steels & Powers Ltd.** **(Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address	22 KM Stone Gharghoda Road, Vill: Panjipatra, Raigarh, Pin: 496 011
Date of Sampling	06.01.2025
Time of Sampling	13:20 hrs;

A.	**General Information about stack**		
1	Stack connected to	**DRI Kilns (3 & 4)**	
2	Emission due to	Burning of Charge Materials (Coal & Dolomite)	
3	Material of Construction of Stack	M.S	
4	Shape of Stack	Circular	
5	Whether Stack is provided with Permanent Platform & Ladders	Permanent	
6	Capacity	**100 TPD X 2**	
B.	**Physical Characteristics of Stack**		
1	Height of the stack		
	(a) from Ground Level (m)	55.0	
	(b) from Roof Level (m)	-	
2	Diameter of the stack		
	(a) at bottom (m)	-	
	(b) at top (m)	-	
3	Diameter of the stack at sampling point (m)	2.0	
4	Height of the sampling point from GL (m)	-	
C.	**Analysis/Characteristics of Stack**		
1	Fuel used	Coal	
2	Fuel consumption	1.1 T/hr.	
D	**Field Study of Stack(s)**	**Reference Method**	**Concentration**
1	Temperature of emission (°C)	IS 11255 (Part 1)	114
2	Barometric Pressure (mmHg)	-	754
3	Velocity of gas in duct (M/sec)	IS 11255 (Part 3)	10.9
4	Quantity of gas flow (Nm^3/hr)	IS 11255 (Part 3)	92758
5	Concentration of CO (% V/V)	IS 13270	-
6	Concentration of CO_2 (% V/V)	IS 13270	9.1
E	**Laboratory Test Result(s)**		
7	Concentration of SO_2 (mg/Nm^3)	IS 11255 (Part 2)	-
8	Concentration of NOx (mg/Nm^3)	US EPA, Method 7	-
9	Concentration of PM (mg/Nm^3)	IS 11255 (Part 1)	28.0
10	Concentration of PM (mg/Nm^3) at 12% CO_2	-	
E	**Pollution Control Device**		
	Details of pollution control device attached with the stack	ESP	
F	**Remarks:** There is a common stack, connected to the DRI Kilns (3 & 4). Both the DRI Kilns (3 & 4) were in operation at the time of sampling.		

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ANX-1

ANALYSIS REPORT OF FLUE GAS

Name of Industry	**M/s. Scania Steels & Powers Ltd.** **(Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.**
Address	22 KM Stone Gharghoda Road, Vill: Panjipatra, Raigarh, Pin: 496 011
Date of Sampling	06.02.2025
Time of Sampling	10:20 hrs;

A.	**General Information about stack**		
1	Stack connected to	**DRI Kilns (1 & 2)**	
2	Emission due to	Burning of Charging Materials (Coal & Dolomite etc)	
3	Material of Construction of Stack	M.S	
4	Shape of Stack	Circular	
5	Whether Stack is provided with Permanent Platform & Ladders	Permanent	
6	Capacity	**100 TPD X 2**	
B.	**Physical Characteristics of Stack**		
1	Height of the stack		
	(a) from Ground Level (m)	54.0	
	(b) from Roof Level (m)	-	
2	Diameter of the stack		
	(a) at bottom (m)	-	
	(b) at top (m)	-	
3	Diameter of the stack at sampling point (m)	2.0	
4	Height of the sampling point from GL (m)	-	
C.	**Analysis/Characteristics of Stack**		
1	Fuel used	Coal	
2	Fuel consumption	1.1 T/hr.	
D	**Field Study of Stack(s)**	**Reference Method**	**Concentration**
1	Temperature of emission (°C)	IS 11255 (Part 1)	119
2	Barometric Pressure (mmHg)	-	755
3	Velocity of gas in duct (M/sec)	IS 11255 (Part 3)	11.2
4	Quantity of gas flow (Nm^3/hr)	IS 11255 (Part 3)	94168
5	Concentration of CO (% V/V)	IS 13270	-
6	Concentration of CO_2 (% V/V)	IS 13270	8.4
E	**Laboratory Test Result(s)**		
7	Concentration of SO_2 (mg/Nm^3)	IS 11255 (Part 2)	-
8	Concentration of NOx (mg/Nm^3)	US EPA, Method 7	-
9	Concentration of PM (mg/Nm^3)	IS 11255 (Part 1)	27.0
10	Concentration of PM (mg/Nm^3) at 12% CO_2	-	
E	**Pollution Control Device**		
	Details of pollution control device attached with the stack	ESP	
F	**Remarks:** There is a common stack, connected to the DRI Kilns (1 & 2). Both the DRI Kilns (1 & 2) were in operation at the time of sampling.		

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For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. Kolkata 700107

(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- **Laboratory Recognized by MoEF&CC, Govt. of India**
- **Laboratory Recognized by WBPCB**
- **Accredited EIA Consultant by QCI-NABET**

100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India
☎ – + 91 33 2443 8127/8128 ; + 91 33 4063 5011; email: eeplkol@gmail.com; eeplkol2@gmail.com
CIN NO : U74210WB1989PTC047403

ANX-1

ANALYSIS REPORT OF FLUE GAS

Name of Industry	**M/s. Scania Steels & Powers Ltd.** **(Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address	22 KM Stone Gharghoda Road, Vill: Panjipatra, Raigarh, Pin: 496 011
Date of Sampling	06.02.2025
Time of Sampling	13:30 hrs;

A.	**General Information about stack**		
1	Stack connected to	**DRI Kilns (3 & 4)**	
2	Emission due to	Burning of Charge Materials (Coal & Dolomite)	
3	Material of Construction of Stack	M.S	
4	Shape of Stack	Circular	
5	Whether Stack is provided with Permanent Platform & Ladders	Permanent	
6	Capacity	**100 TPD X 2**	
B.	**Physical Characteristics of Stack**		
1	Height of the stack		
	(a) from Ground Level (m)	55.0	
	(b) from Roof Level (m)	-	
2	Diameter of the stack		
	(a) at bottom (m)	-	
	(b) at top (m)	-	
3	Diameter of the stack at sampling point (m)	2.0	
4	Height of the sampling point from GL (m)	-	
C.	**Analysis/Characteristics of Stack**		
1	Fuel used	Coal	
2	Fuel consumption	1.1 T/hr.	
D	**Field Study of Stack(s)**	**Reference Method**	**Concentration**
1	Temperature of emission (°C)	IS 11255 (Part 1)	123
2	Barometric Pressure (mmHg)	-	755
3	Velocity of gas in duct (M/sec)	IS 11255 (Part 3)	10.57
4	Quantity of gas flow (Nm^3/hr)	IS 11255 (Part 3)	88192
5	Concentration of CO (% V/V)	IS 13270	-
6	Concentration of CO_2 (% V/V)	IS 13270	8.8
E	**Laboratory Test Result(s)**		
7	Concentration of SO_2 (mg/Nm^3)	IS 11255 (Part 2)	-
8	Concentration of NOx (mg/Nm^3)	US EPA, Method 7	-
9	Concentration of PM (mg/Nm^3)	IS 11255 (Part 1)	26.0
10	Concentration of PM (mg/Nm^3) at 12% CO_2	-	
E	**Pollution Control Device**		
	Details of pollution control device attached with the stack	ESP	
F	**Remarks:** There is a common stack, connected to the DRI Kilns (3 & 4). Both the DRI Kilns (3 & 4) were in operation at the time of sampling.		

Note : - - Contents of this report are meant for your guidance and should not be used for Advertisement, Evidence or Litigation
- The Physical information about stack details (viz. height, diameter etc.) were provided by respective Industry/Party

For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. 100, Kalikapur, Madurdaha Kolkata 700107

(Authorized Signatory)

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CIN NO : U74210WB1989PTC047403

ANX-1

ANALYSIS REPORT OF FLUE GAS

Name of Industry	**M/s. Scania Steels & Powers Ltd.** **(Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.**
Address	22 KM Stone Gharghoda Road, Vill: Panjipatra, Raigarh, Pin: 496 011
Date of Sampling	10.03.2025
Time of Sampling	10:30 hrs;

A.	**General Information about stack**		
1	Stack connected to	**DRI Kilns (1 & 2)**	
2	Emission due to	Burning of Charging Materials (Coal & Dolomite etc)	
3	Material of Construction of Stack	M.S	
4	Shape of Stack	Circular	
5	Whether Stack is provided with Permanent Platform & Ladders	Permanent	
6	Capacity	**100 TPD X 2**	
B.	**Physical Characteristics of Stack**		
1	Height of the stack		
	(a) from Ground Level (m)	54.0	
	(b) from Roof Level (m)	-	
2	Diameter of the stack		
	(a) at bottom (m)	-	
	(b) at top (m)	-	
3	Diameter of the stack at sampling point (m)	2.0	
4	Height of the sampling point from GL (m)	-	
C.	**Analysis/Characteristics of Stack**		
1	Fuel used	Coal	
2	Fuel consumption	1.1 T/hr.	
D	**Field Study of Stack(s)**	**Reference Method**	**Concentration**
1	Temperature of emission (°C)	IS 11255 (Part 1)	130
2	Barometric Pressure (mmHg)	-	752
3	Velocity of gas in duct (M/sec)	IS 11255 (Part 3)	10.56
4	Quantity of gas flow (Nm^3/hr)	IS 11255 (Part 3)	86266
5	Concentration of CO (% V/V)	IS 13270	-
6	Concentration of CO_2 (% V/V)	IS 13270	8.2
E	**Laboratory Test Result(s)**		
7	Concentration of SO_2 (mg/Nm^3)	IS 11255 (Part 2)	-
8	Concentration of NOx (mg/Nm^3)	US EPA, Method 7	-
9	Concentration of PM (mg/Nm^3)	IS 11255 (Part 1)	25.0
10	Concentration of PM (mg/Nm^3) at 12% CO_2	-	
E	**Pollution Control Device**		
	Details of pollution control device attached with the stack	ESP	
F	**Remarks:** There is a common stack, connected to the DRI Kilns (1 & 2). Both the DRI Kilns (1 & 2) were in operation at the time of sampling.		

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- The Physical information about stack details (viz. height, diameter etc.) were provided by respective Industry/Party

For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. Kalikapur, Madurdaha Kolkata 700107

(Authorized Signatory)

Envirotech East Pvt. Limited

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CIN NO : U74210WB1989PTC047403

ANX-1

ANALYSIS REPORT OF FLUE GAS

Name of Industry	**M/s. Scania Steels & Powers Ltd.** **(Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address	22 KM Stone Gharghoda Road, Vill: Panjipatra, Raigarh, Pin: 496 011
Date of Sampling	10.03.2025
Time of Sampling	13:35 hrs;

A.	**General Information about stack**		
1	Stack connected to	**DRI Kilns (3 & 4)**	
2	Emission due to	Burning of Charge Materials (Coal & Dolomite)	
3	Material of Construction of Stack	M.S	
4	Shape of Stack	Circular	
5	Whether Stack is provided with Permanent Platform & Ladders	Permanent	
6	Capacity	**100 TPD X 2**	
B.	**Physical Characteristics of Stack**		
1	Height of the stack		
	(a) from Ground Level (m)	55.0	
	(b) from Roof Level (m)	-	
2	Diameter of the stack		
	(a) at bottom (m)	-	
	(b) at top (m)	-	
3	Diameter of the stack at sampling point (m)	2.0	
4	Height of the sampling point from GL (m)	-	
C.	**Analysis/Characteristics of Stack**		
1	Fuel used	Coal	
2	Fuel consumption	1.1 T/hr.	
D	**Field Study of Stack(s)**	**Reference Method**	**Concentration**
1	Temperature of emission (°C)	IS 11255 (Part 1)	133
2	Barometric Pressure (mmHg)	-	752
3	Velocity of gas in duct (M/sec)	IS 11255 (Part 3)	10.74
4	Quantity of gas flow (Nm^3/hr)	IS 11255 (Part 3)	87057
5	Concentration of CO (% V/V)	IS 13270	-
6	Concentration of CO_2 (% V/V)	IS 13270	8.3
E	**Laboratory Test Result(s)**		
7	Concentration of SO_2 (mg/Nm^3)	IS 11255 (Part 2)	-
8	Concentration of NOx (mg/Nm^3)	US EPA, Method 7	-
9	Concentration of PM (mg/Nm^3)	IS 11255 (Part 1)	22.0
10	Concentration of PM (mg/Nm^3) at 12% CO_2	-	
E	**Pollution Control Device**		
	Details of pollution control device attached with the stack	ESP	
F	**Remarks:** There is a common stack, connected to the DRI Kilns (3 & 4). Both the DRI Kilns (3 & 4) were in operation at the time of sampling.		

Note : - - Contents of this report are meant for your guidance and should not be used for Advertisement, Evidence or Litigation
- The Physical information about stack details (viz. height, diameter etc.) were provided by respective Industry/Party

For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. 100, Kalikapur, Madurdaha Kolkata 700107

(Authorized Signatory)

VASTHI ENVIRO

Industry: M/s Scania Steels and Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd),
Industry Code: 08CG336
Industry Category: Steel & Iron
Industry Type: Emission
Station : Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln
Raigarh,Chhattisgarh
22 KM Mile Stone,Vil- Punjipatra Gharghoda Road, P.O.-Ruma Suma, District Raigarh

	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(PM)	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(SO2)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(PM)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(SO2)
Range	0-500	0-250	0-1000	0-1000
Unit	mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3
Limit	100	-NA-	100	-NA-
Min	27.24	32.21	26.96	24.85
Max	27.76	32.83	27.65	25.2
Avg	27.51	32.53	27.5	25

SL	Datentime	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(PM)	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(SO2)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(PM)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(SO2)
1	2024-10-01 00:00:00	27.336	32.519	27.577	25.043
2	2024-10-02 00:00:00	27.713	32.833	27.534	24.925
3	2024-10-03 00:00:00	27.583	32.689	27.632	24.896
4	2024-10-04 00:00:00	27.627	32.598	27.612	24.94
5	2024-10-05 00:00:00	27.425	32.497	27.413	25.005
6	2024-10-06 00:00:00	27.435	32.479	27.558	25.063
7	2024-10-07 00:00:00	27.615	32.329	27.319	25.087
8	2024-10-08 00:00:00	27.345	32.308	26.962	25.017
9	2024-10-09 00:00:00	NA	NA	NA	NA

VASTHI ENVIRO

Industry: M/s Scania Steels and Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd),
Industry Code: 08CG336
Industry Category: Steel & Iron
Industry Type: Emission
Station : Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln
Raigarh,Chhattisgarh
22 KM Mile Stone,Vil- Punjipatra Gharghoda Road, P.O.-Ruma Suma, District Raigarh

SL	Datentime	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(PM)	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(SO2)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(PM)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(SO2)
10	2024-10-10 00:00:00	NA	NA	NA	NA
11	2024-10-11 00:00:00	27.572	32.616	27.555	24.985
12	2024-10-12 00:00:00	27.447	32.776	27.542	24.892
13	2024-10-13 00:00:00	27.49	32.685	27.44	25.02
14	2024-10-14 00:00:00	27.534	32.21	27.644	25.034
15	2024-10-15 00:00:00	27.387	32.41	27.647	25.007
16	2024-10-16 00:00:00	27.245	32.699	27.449	25.111
17	2024-10-17 00:00:00	27.334	32.31	27.464	25.05
18	2024-10-18 00:00:00	27.459	32.631	27.541	24.969
19	2024-10-19 00:00:00	27.463	32.517	27.641	24.862
20	2024-10-20 00:00:00	27.669	32.637	27.541	25.156
21	2024-10-21 00:00:00	27.43	32.546	27.46	25.006
22	2024-10-22 00:00:00	27.43	32.718	27.479	24.983
23	2024-10-23 00:00:00	27.573	32.46	27.585	24.963

VASTHI ENVIRO

Industry: M/s Scania Steels and Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd),
Industry Code: 08CG336
Industry Category: Steel & Iron
Industry Type: Emission
Station : Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln
Raigarh,Chhattisgarh
22 KM Mile Stone,Vil- Punjipatra Gharghoda Road, P.O.-Ruma Suma, District Raigarh

SL	Datentime	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(PM)	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(SO2)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(PM)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(SO2)
24	2024-10-24 00:00:00	27.752	32.46	27.295	24.905
25	2024-10-25 00:00:00	27.364	32.679	27.55	25.056
26	2024-10-26 00:00:00	27.605	32.528	27.49	24.943
27	2024-10-27 00:00:00	27.695	32.311	27.614	25.2
28	2024-10-28 00:00:00	27.428	32.72	27.605	24.852
29	2024-10-29 00:00:00	27.431	32.314	27.565	25.025
30	2024-10-30 00:00:00	27.764	32.317	27.305	24.956

VASTHI ENVIRO

Industry: M/s Scania Steels and Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd),
Industry Code: 08CG336
Industry Category: Steel & Iron
Industry Type: Emission
Station : Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln
Raigarh,Chhattisgarh
22 KM Mile Stone,Vil- Punjipatra Gharghoda Road, P.O.-Ruma Suma, District Raigarh

	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(PM)	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(SO2)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(PM)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(SO2)
Range	0-500	0-250	0-1000	0-1000
Unit	mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3
Limit	100	-NA-	100	-NA-
Min	27.05	32.2	27.31	24.8
Max	27.77	32.85	27.76	25.18
Avg	27.49	32.53	27.5	25.02

SL	Datentime	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(PM)	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(SO2)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(PM)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(SO2)
1	2024-11-01 00:00:00	27.541	32.588	27.65	25.028
2	2024-11-02 00:00:00	27.462	32.602	27.752	24.978
3	2024-11-03 00:00:00	27.466	32.483	27.429	25.014
4	2024-11-04 00:00:00	27.455	32.805	27.411	25.047
5	2024-11-05 00:00:00	27.491	32.412	27.432	25.032
6	2024-11-06 00:00:00	27.657	32.68	27.412	24.956
7	2024-11-07 00:00:00	27.428	32.206	27.37	25.013
8	2024-11-08 00:00:00	27.722	32.429	27.415	25.022
9	2024-11-09 00:00:00	27.513	32.588	27.44	24.973

VASTHI ENVIRO

Industry: M/s Scania Steels and Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd),
Industry Code: 08CG336
Industry Category: Steel & Iron
Industry Type: Emission
Station : Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln
Raigarh,Chhattisgarh
22 KM Mile Stone,Vil- Punjipatra Gharghoda Road, P.O.-Ruma Suma, District Raigarh

SL	Datentime	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(PM)	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(SO2)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(PM)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(SO2)
10	2024-11-10 00:00:00	27.362	32.362	27.518	24.977
11	2024-11-11 00:00:00	27.046	32.852	27.764	25.122
12	2024-11-12 00:00:00	NA	NA	NA	NA
13	2024-11-13 00:00:00	27.654	32.497	27.393	25.035
14	2024-11-14 00:00:00	27.582	32.705	27.481	25.035
15	2024-11-15 00:00:00	27.24	32.642	27.452	24.991
16	2024-11-16 00:00:00	27.371	32.276	27.522	25.049
17	2024-11-17 00:00:00	NA	NA	27.483	25.005
18	2024-11-18 00:00:00	27.395	32.71	27.516	25.038
19	2024-11-19 00:00:00	27.46	32.27	27.485	25.04
20	2024-11-20 00:00:00	27.554	32.657	27.555	25.033
21	2024-11-21 00:00:00	NA	NA	27.369	25.169
22	2024-11-22 00:00:00	27.443	32.479	27.563	25.106
23	2024-11-23 00:00:00	27.42	32.481	27.56	24.904

VASTHI ENVIRO

Industry: M/s Scania Steels and Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd),
Industry Code: 08CG336
Industry Category: Steel & Iron
Industry Type: Emission
Station : Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln
Raigarh,Chhattisgarh
22 KM Mile Stone,Vil- Punjipatra Gharghoda Road, P.O.-Ruma Suma, District Raigarh

SL	Datentime	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(PM)	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(SO2)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4 Kiln(PM)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4 Kiln(SO2)
24	2024-11-24 00:00:00	27.605	32.601	27.575	25.176
25	2024-11-25 00:00:00	27.649	32.794	27.615	25.047
26	2024-11-26 00:00:00	27.774	32.465	27.307	24.928
27	2024-11-27 00:00:00	27.597	32.203	27.657	24.978
28	2024-11-28 00:00:00	27.321	32.567	27.579	24.801
29	2024-11-29 00:00:00	27.457	32.346	27.384	25.068

VASTHI ENVIRO

Industry: M/s Scania Steels and Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd),
Industry Code: 08CG336
Industry Category: Steel & Iron
Industry Type: Emission
Station : Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln
Raigarh,Chhattisgarh
22 KM Mile Stone,Vil- Punjipatra Gharghoda Road, P.O.-Ruma Suma, District Raigarh

	Stack_1_ESP_Sponge_Iron 2x100_TPD_DRI_Kiln_1_2 (PM)	Stack_1_ESP_Sponge_Iron 2x100_TPD_DRI_Kiln_1_2 (SO2)	Stack_2_ESP_Sponge_Iron _2x100_TPD_DRI_3and4K iln(PM)	Stack_2_ESP_Sponge_Iron _2x100_TPD_DRI_3and4K iln(SO2)
Range	**0-500**	**0-250**	**0-1000**	**0-1000**
Unit	**mg/Nm3**	**mg/Nm3**	**mg/Nm3**	**mg/Nm3**
Limit	**100**	**-NA-**	**100**	**-NA-**
Min	**27.29**	**23.63**	**27.3**	**22.26**
Max	**27.8**	**33.13**	**33.31**	**25.11**
Avg	**27.53**	**32.2**	**27.71**	**24.92**

SL	Datentime	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(PM)	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(SO2)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(PM)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(SO2)
1	**2024-12-02 00:00:00**	**27.617**	**32.468**	**27.518**	**25.013**
2	**2024-12-03 00:00:00**	**27.496**	**32.074**	**27.492**	**24.978**
3	**2024-12-04 00:00:00**	**27.688**	**32.584**	**27.492**	**25.11**
4	**2024-12-05 00:00:00**	**27.409**	**32.291**	**27.601**	**25.011**
5	**2024-12-06 00:00:00**	**27.417**	**32.551**	**27.382**	**24.939**
6	**2024-12-07 00:00:00**	**27.474**	**32.354**	**27.568**	**24.929**
7	**2024-12-08 00:00:00**	**27.693**	**32.173**	**27.466**	**25.093**
8	**2024-12-09 00:00:00**	**27.451**	**32.354**	**27.459**	**25.051**
9	**2024-12-10 00:00:00**	**27.671**	**32.823**	**27.526**	**25.108**

VASTHI ENVIRO

Industry: M/s Scania Steels and Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd),
Industry Code: 08CG336
Industry Category: Steel & Iron
Industry Type: Emission
Station : Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln
Raigarh,Chhattisgarh
22 KM Mile Stone,Vil- Punjipatra Gharghoda Road, P.O.-Ruma Suma, District Raigarh

SL	Datentime	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(PM)	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(SO2)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(PM)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(SO2)
10	2024-12-11 00:00:00	27.513	32.438	27.607	25.058
11	2024-12-12 00:00:00	27.426	32.429	27.594	25.088
12	2024-12-13 00:00:00	27.398	32.48	27.364	25.002
13	2024-12-14 00:00:00	27.422	32.801	27.537	25.048
14	2024-12-15 00:00:00	27.533	32.255	27.373	24.953
15	2024-12-16 00:00:00	27.585	32.266	27.57	24.913
16	2024-12-17 00:00:00	27.459	32.892	27.623	25.068
17	2024-12-18 00:00:00	27.515	32.416	27.737	24.9
18	2024-12-19 00:00:00	27.634	32.146	27.68	24.972
19	2024-12-20 00:00:00	27.613	32.53	27.544	25.059
20	2024-12-21 00:00:00	27.294	32.319	27.543	24.993
21	2024-12-22 00:00:00	27.532	32.793	27.298	25.115
22	2024-12-23 00:00:00	27.802	32.501	27.592	25.011
23	2024-12-24 00:00:00	27.43	32.811	27.538	24.983

VASTHI ENVIRO

Industry: M/s Scania Steels and Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd),
Industry Code: 08CG336
Industry Category: Steel & Iron
Industry Type: Emission
Station : Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln
Raigarh,Chhattisgarh
22 KM Mile Stone,Vil- Punjipatra Gharghoda Road, P.O.-Ruma Suma, District Raigarh

SL	Datentime	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(PM)	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(SO2)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(PM)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(SO2)
24	2024-12-25 00:00:00	27.407	32.625	27.539	24.976
25	2024-12-26 00:00:00	27.514	32.374	27.629	24.885
26	2024-12-27 00:00:00	27.536	32.315	27.427	25.11
27	2024-12-28 00:00:00	27.609	32.558	27.466	25.019
28	2024-12-29 00:00:00	27.348	32.499	27.495	24.9
29	2024-12-30 00:00:00	27.698	33.135	27.574	25.046
30	2024-12-31 00:00:00	27.439	32.437	27.388	24.889
31	2025-01-01 00:00:00	27.704	23.634	33.312	22.265

VASTHI ENVIRO

Industry: M/s Scania Steels and Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd),
Industry Code: 08CG336
Industry Category: Steel & Iron
Industry Type: Emission
Station : Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln
Raigarh,Chhattisgarh
22 KM Mile Stone,Vil- Punjipatra Gharghoda Road, P.O.-Ruma Suma, District Raigarh

	Stack_1_ESP_Sponge_Iron 2x100_TPD_DRI_Kiln_1_2 (PM)	Stack_1_ESP_Sponge_Iron 2x100_TPD_DRI_Kiln_1_2 (SO2)	Stack_2_ESP_Sponge_Iron _2x100_TPD_DRI_3and4K iln(PM)	Stack_2_ESP_Sponge_Iron _2x100_TPD_DRI_3and4K iln(SO2)
Range	**0-500**	**0-250**	**0-1000**	**0-1000**
Unit	**mg/Nm3**	**mg/Nm3**	**mg/Nm3**	**mg/Nm3**
Limit	**100**	**-NA-**	**100**	**-NA-**
Min	**16.29**	**22.31**	**19.88**	**20.1**
Max	**27.6**	**32.92**	**27.58**	**32.54**
Avg	**21.54**	**24.82**	**22.94**	**27.82**

SL	Datentime	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(PM)	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(SO2)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(PM)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(SO2)
1	**2025-01-02 00:00:00**	**27.575**	**32.438**	**27.51**	**24.985**
2	**2025-01-03 00:00:00**	**27.408**	**32.436**	**27.288**	**25.03**
3	**2025-01-04 00:00:00**	**NA**	**NA**	**NA**	**NA**
4	**2025-01-05 00:00:00**	**27.463**	**32.12**	**27.579**	**25.094**
5	**2025-01-06 00:00:00**	**27.458**	**32.92**	**27.444**	**25.107**
6	**2025-01-07 00:00:00**	**27.449**	**32.334**	**27.511**	**24.895**
7	**2025-01-08 00:00:00**	**27.598**	**32.361**	**26.502**	**25.148**
8	**2025-01-09 00:00:00**	**25.055**	**29.192**	**24.142**	**27.099**
9	**2025-01-10 00:00:00**	**19.954**	**22.359**	**22.703**	**32.167**

VASTHI ENVIRO

Industry: M/s Scania Steels and Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd),
Industry Code: 08CG336
Industry Category: Steel & Iron
Industry Type: Emission
Station : Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln
Raigarh,Chhattisgarh
22 KM Mile Stone,Vil- Punjipatra Gharghoda Road, P.O.-Ruma Suma, District Raigarh

SL	Datentime	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(PM)	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(SO2)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(PM)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(SO2)
10	2025-01-11 00:00:00	20.02	22.306	22.436	32.345
11	2025-01-12 00:00:00	19.956	22.489	22.535	32.193
12	2025-01-13 00:00:00	20.007	22.415	22.371	32.169
13	2025-01-14 00:00:00	19.936	22.583	22.527	32.1
14	2025-01-15 00:00:00	20.157	22.514	22.543	32.084
15	2025-01-16 00:00:00	20.052	22.689	22.73	32.11
16	2025-01-17 00:00:00	19.905	22.488	22.413	32.154
17	2025-01-18 00:00:00	19.982	22.318	22.53	32.47
18	2025-01-19 00:00:00	20.054	22.781	22.609	32.308
19	2025-01-20 00:00:00	20.082	22.312	22.562	32.536
20	2025-01-21 00:00:00	19.966	22.479	22.548	32.354
21	2025-01-22 00:00:00	19.864	22.794	22.674	32.184
22	2025-01-23 00:00:00	20.117	22.444	22.67	32.054
23	2025-01-24 00:00:00	19.931	22.383	21.582	28.443

VASTHI ENVIRO

Industry: M/s Scania Steels and Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd),
Industry Code: 08CG336
Industry Category: Steel & Iron
Industry Type: Emission
Station : Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln
Raigarh,Chhattisgarh
22 KM Mile Stone,Vil- Punjipatra Gharghoda Road, P.O.-Ruma Suma, District Raigarh

SL	Datentime	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(PM)	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(SO2)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(PM)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(SO2)
24	2025-01-25 00:00:00	19.92	22.598	20.139	22.502
25	2025-01-26 00:00:00	20.042	22.497	19.948	22.463
26	2025-01-27 00:00:00	20.054	22.726	19.98	22.512
27	2025-01-28 00:00:00	19.878	22.515	19.944	22.46
28	2025-01-29 00:00:00	20.08	22.538	19.876	22.491
29	2025-01-30 00:00:00	19.881	22.539	19.929	22.52
30	2025-01-31 00:00:00	20.053	22.511	19.975	22.474
31	2025-02-01 00:00:00	16.286	25.448	NA	20.1

VASTHI ENVIRO

Industry: M/s Scania Steels and Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd),
Industry Code: 08CG336
Industry Category: Steel & Iron
Industry Type: Emission
Station : Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln
Raigarh,Chhattisgarh
22 KM Mile Stone,Vil- Punjipatra Gharghoda Road, P.O.-Ruma Suma, District Raigarh

	Stack_1_ESP_Sponge_Iron 2x100_TPD_DRI_Kiln_1_2 (PM)	Stack_1_ESP_Sponge_Iron 2x100_TPD_DRI_Kiln_1_2 (SO2)	Stack_2_ESP_Sponge_Iron _2x100_TPD_DRI_3and4K iln(PM)	Stack_2_ESP_Sponge_Iron _2x100_TPD_DRI_3and4K iln(SO2)
Range	**0-500**	**0-250**	**0-1000**	**0-1000**
Unit	**mg/Nm3**	**mg/Nm3**	**mg/Nm3**	**mg/Nm3**
Limit	**100**	**-NA-**	**100**	**-NA-**
Min	**19.74**	**22.14**	**14.12**	**14.05**
Max	**24.25**	**25.42**	**20.3**	**22.66**
Avg	**20.14**	**22.58**	**19.27**	**21.72**

SL	Datentime	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(PM)	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(SO2)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(PM)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(SO2)
1	**2025-02-02 00:00:00**	**19.783876**	**22.713853**	**20.005518**	**22.561982**
2	**2025-02-03 00:00:00**	**20.004237**	**22.589829**	**20.043796**	**22.535676**
3	**2025-02-04 00:00:00**	**20.104425**	**22.532992**	**20.079569**	**22.487575**
4	**2025-02-05 00:00:00**	**20.082689**	**22.657654**	**19.986523**	**22.474638**
5	**2025-02-06 00:00:00**	**19.827243**	**22.424297**	**19.792641**	**22.536417**
6	**2025-02-07 00:00:00**	**19.921174**	**22.144827**	**20.241964**	**22.621099**
7	**2025-02-08 00:00:00**	**20.059654**	**22.399108**	**19.905935**	**22.472294**
8	**2025-02-09 00:00:00**	**19.963349**	**22.213078**	**20.008175**	**22.469828**
9	**2025-02-10 00:00:00**	**20.048284**	**22.584472**	**20.008858**	**22.584104**

VASTHI ENVIRO

Industry: M/s Scania Steels and Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd),
Industry Code: 08CG336
Industry Category: Steel & Iron
Industry Type: Emission
Station : Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln
Raigarh,Chhattisgarh
22 KM Mile Stone,Vil- Punjipatra Gharghoda Road, P.O.-Ruma Suma, District Raigarh

SL	Datentime	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(PM)	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(SO2)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(PM)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(SO2)
10	2025-02-11 00:00:00	20.131647	22.555336	19.878801	22.502395
11	2025-02-12 00:00:00	20.05799	22.493513	20.012079	22.478213
12	2025-02-13 00:00:00	20.00712	22.472177	19.93876	22.50683
13	2025-02-14 00:00:00	19.743512	22.241163	20.047863	22.386842
14	2025-02-15 00:00:00	19.944003	22.534506	20.004889	22.656153
15	2025-02-16 00:00:00	19.961542	22.5195	20.295238	22.433448
16	2025-02-17 00:00:00	20.043977	22.540141	19.944623	22.500152
17	2025-02-18 00:00:00	19.856519	22.532866	19.915103	22.470045
18	2025-02-19 00:00:00	20.039198	22.268944	20.169321	22.413647
19	2025-02-20 00:00:00	20.08025	22.358092	19.897271	22.505271
20	2025-02-21 00:00:00	19.886437	22.495445	19.894974	22.485045
21	2025-02-22 00:00:00	19.992784	22.455252	19.979087	22.597077
22	2025-02-23 00:00:00	20.029559	22.549312	19.947263	22.514209
23	2025-02-24 00:00:00	20.030775	22.549292	19.970515	22.537585

VASTHI ENVIRO

Industry: M/s Scania Steels and Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd),
Industry Code: 08CG336
Industry Category: Steel & Iron
Industry Type: Emission
Station : Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln
Raigarh,Chhattisgarh
22 KM Mile Stone,Vil- Punjipatra Gharghoda Road, P.O.-Ruma Suma, District Raigarh

SL	Datentime	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(PM)	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(SO2)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(PM)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(SO2)
24	2025-02-25 00:00:00	20.05092	22.377258	19.956493	22.505142
25	2025-02-26 00:00:00	20.079242	22.431408	16.938663	18.047331
26	2025-02-27 00:00:00	20.059458	22.510048	14.184465	14.10325
27	2025-02-28 00:00:00	19.96302	22.685794	14.117615	14.051265
28	2025-03-01 00:00:00	24.247	25.415001	14.5	NA

VASTHI ENVIRO

Industry: M/s Scania Steels and Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd),
Industry Code: 08CG336
Industry Category: Steel & Iron
Industry Type: Emission
Station : Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln
Raigarh,Chhattisgarh
22 KM Mile Stone,Vil- Punjipatra Gharghoda Road, P.O.-Ruma Suma, District Raigarh

	Stack_1_ESP_Sponge_Iron 2x100_TPD_DRI_Kiln_1_2 (PM)	Stack_1_ESP_Sponge_Iron 2x100_TPD_DRI_Kiln_1_2 (SO2)	Stack_2_ESP_Sponge_Iron _2x100_TPD_DRI_3and4K iln(PM)	Stack_2_ESP_Sponge_Iron _2x100_TPD_DRI_3and4K iln(SO2)
Range	**0-500**	**0-250**	**0-1000**	**0-1000**
Unit	**mg/Nm3**	**mg/Nm3**	**mg/Nm3**	**mg/Nm3**
Limit	**100**	**-NA-**	**100**	**-NA-**
Min	**19.89**	**15.83**	**14.04**	**13.7**
Max	**20.23**	**22.74**	**16.7**	**14.13**
Avg	**20.02**	**22.31**	**14.25**	**14.04**

SL	Datentime	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(PM)	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(SO2)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(PM)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(SO2)
1	**2025-03-01 00:00:00**	**19.990286**	**22.503315**	**14.119591**	**14.054461**
2	**2025-03-02 00:00:00**	**20.036277**	**22.600524**	**14.218153**	**14.125997**
3	**2025-03-03 00:00:00**	**20.020928**	**22.484273**	**14.0982**	**14.038442**
4	**2025-03-04 00:00:00**	**19.950777**	**22.655545**	**14.047767**	**14.012139**
5	**2025-03-05 00:00:00**	**20.011458**	**22.542049**	**14.152072**	**13.976063**
6	**2025-03-06 00:00:00**	**19.957341**	**22.352647**	**14.069992**	**14.015216**
7	**2025-03-07 00:00:00**	**20.025253**	**22.508608**	**14.155756**	**14.070642**
8	**2025-03-08 00:00:00**	**20.018784**	**22.377851**	**14.21768**	**14.062855**
9	**2025-03-09 00:00:00**	**20.128003**	**22.391883**	**14.225832**	**13.958464**

VASTHI ENVIRO

Industry: M/s Scania Steels and Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd),
Industry Code: 08CG336
Industry Category: Steel & Iron
Industry Type: Emission
Station : Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln
Raigarh,Chhattisgarh
22 KM Mile Stone,Vil- Punjipatra Gharghoda Road, P.O.-Ruma Suma, District Raigarh

SL	Datentime	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(PM)	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(SO2)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(PM)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(SO2)
10	2025-03-10 00:00:00	19.911512	22.398826	14.140256	14.086627
11	2025-03-11 00:00:00	20.050373	22.570724	14.216444	14.08005
12	2025-03-12 00:00:00	19.984522	22.354061	14.112128	14.027537
13	2025-03-13 00:00:00	19.924612	22.450429	14.143256	14.047754
14	2025-03-14 00:00:00	20.043667	22.740379	14.177344	14.031993
15	2025-03-15 00:00:00	19.957816	22.719512	14.128145	14.069656
16	2025-03-16 00:00:00	19.885694	22.569132	14.214597	14.074417
17	2025-03-17 00:00:00	19.977876	22.515476	14.174628	14.03887
18	2025-03-18 00:00:00	19.938369	22.671897	14.173705	14.059401
19	2025-03-19 00:00:00	20.073775	22.639453	14.189291	14.056349
20	2025-03-20 00:00:00	20.006013	22.409642	14.207273	14.028999
21	2025-03-21 00:00:00	20.084236	22.577828	14.168124	14.013957
22	2025-03-22 00:00:00	20.005122	22.660254	14.228424	14.049787
23	2025-03-23 00:00:00	19.997858	22.695605	14.228616	14.089975

VASTHI ENVIRO

Industry: M/s Scania Steels and Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd),
Industry Code: 08CG336
Industry Category: Steel & Iron
Industry Type: Emission
Station : Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln
Raigarh,Chhattisgarh
22 KM Mile Stone,Vil- Punjipatra Gharghoda Road, P.O.-Ruma Suma, District Raigarh

SL	Datentime	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(PM)	Stack_1_ESP_Sponge_Iron2x100_TPD_DRI_Kiln_1_2(SO2)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(PM)	Stack_2_ESP_Sponge_Iron_2x100_TPD_DRI_3and4Kiln(SO2)
24	2025-03-24 00:00:00	20.028518	22.554882	14.035069	14.048222
25	2025-03-25 00:00:00	20.041295	22.597261	14.262461	13.949378
26	2025-03-26 00:00:00	20.089956	22.547129	14.228707	14.076886
27	2025-03-27 00:00:00	19.966508	22.379573	14.174531	14.058618
28	2025-03-28 00:00:00	20.200629	22.420145	14.185885	14.068447
29	2025-03-29 00:00:00	19.898985	22.237503	14.209234	14.111438
30	2025-03-30 00:00:00	20.042324	22.573862	14.121711	14.020847
31	2025-03-31 00:00:00	20.225	15.828	16.700001	13.7

ANNEXURE-3

Ambient Air Quality Monitoring Report (October, 2024 to March, 2025)

Envirotech

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognized by MoEF&CC, Govt. of India
- Laboratory Recognized by WBPCB
- Accredited EIA Consultant by QCI-NABET

100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India
☎ – + 91 33 2443 8127/8128 ; + 91 33 4063 5011; email: eeplkol@gmail.com; eeplkol2@gmail.com
CIN NO : U74210WB1989PTC047403

ANX-3

Name of Industry	**M/s. Scania Steels & Powers Ltd.** **(Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address	22 KM Stone Gharghoda Road, Vill: Punjipatra, Raigarh, Pin: 496 011

TABLE: - I

Onsite Ambient Air Quality Monitoring Results

Location | Project Site

(Period: October, 2024 To March, 2025)

DATE	PM_{10}	$PM_{2.5}$	SO_2	NO_2
	(µg/m3)	(µg/m3)	(µg/m3)	(µg/m3)
03.10.2024	60	24	6	24
05.10.2024	65	32	8	18
09.10.2024	70	32	13	20
12.10.2024	64	29	7	17
16.10.2024	67	27	11	23
19.10.2024	72	34	8	21
23.10.2024	68	33	13	26
26.10.2024	63	26	9	19
02.11.2024	78	38	11	23
06.11.2024	66	31	7	18
09.11.2024	57	23	12	30
13.11.2024	62	29	9	21
16.11.2024	72	35	6	17
20.11.2024	80	38	10	22
23.11.2024	62	28	12	26
27.11.2024	69	32	9	29
04.12.2024	75	36	6	24
07.12.2024	66	30	15	17
11.12.2024	61	28	10	23
14.12.2024	74	36	8	26
18.12.2024	62	29	12	20
21.12.2024	66	29	10	28
25.12.2024	58	26	14	19
28.12.2024	89	44	6	24
01.01.2025	75	33	8	18
04.01.2025	85	41	6	20
08.01.2025	77	35	7	17
11.01.2025	95	47	10	26
15.01.2025	80	38	16	20
18.01.2025	84	40	11	31
22.01.2025	75	35	8	28
25.01.2025	71	31	14	25
01.02.2025	82	37	9	21
04.02.2025	74	31	7	27
08.02.2025	79	36	13	34
12.02.2025	73	32	8	25
15.02.2025	95	46	6	30

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CIN NO : U74210WB1989PTC047403

19.02.2025	87	41	10	22
22.02.2025	80	37	7	18
26.02.2025	87	40	12	27
04.03.2025	91	44	9	20
07.03.2025	84	38	10	31
11.03.2025	68	31	15	24
14.03.2025	76	36	11	30
18.03.2025	71	33	8	25
21.03.2025	82	37	10	32
25.03.2025	90	43	16	28
28.03.2025	77	37	13	23

TABLE: - 2
Onsite Ambient Air Quality Monitoring Results
Location | Samaruma Village
(Period: October, 2024 To March, 2025)

DATE	PM_{10} ($\mu g/m^3$)	$PM_{2.5}$ ($\mu g/m^3$)	SO_2 ($\mu g/m^3$)	NO_2 ($\mu g/m^3$)
03.10.2024	58	24	7	19
05.10.2024	71	34	6	16
09.10.2024	67	31	8	21
12.10.2024	62	26	7	15
16.10.2024	67	31	5	24
19.10.2024	64	28	6	18
23.10.2024	70	33	7	23
26.10.2024	58	26	5	21
02.11.2024	68	31	6	15
06.11.2024	56	25	5	19
09.11.2024	72	34	7	24
13.11.2024	64	29	6	17
16.11.2024	55	24	8	23
20.11.2024	63	30	10	19
23.11.2024	71	33	5	15
27.11.2024	62	27	7	18
04.12.2024	67	30	8	26
07.12.2024	80	38	10	19
11.12.2024	72	32	9	24
14.12.2024	66	30	12	18
18.12.2024	77	35	8	26
21.12.2024	61	27	11	20
25.12.2024	67	30	12	17
28.12.2024	78	37	9	21
01.01.2025	64	25	10	23
04.01.2025	73	34	8	18
08.01.2025	71	31	10	21
11.01.2025	80	38	9	18

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CIN NO : U74210WB1989PTC047403

15.01.2025	69	31	12	26
18.01.2025	65	32	9	19
22.01.2025	65	28	8	16
25.01.2025	80	36	13	20
01.02.2025	76	33	5	17
04.02.2025	64	31	12	22
08.02.2025	69	30	11	20
12.02.2025	78	36	8	18
15.02.2025	71	32	10	25
19.02.2025	66	28	12	16
22.02.2025	73	34	11	20
26.02.2025	63	28	9	22
04.03.2025	73	33	12	24
07.03.2025	80	38	11	17
11.03.2025	71	33	8	24
14.03.2025	64	28	9	29
18.03.2025	75	35	10	20
21.03.2025	68	31	12	26
25.03.2025	76	35	8	22
28.03.2025	71	33	12	28

TABLE: - 3
Onsite Ambient Air Quality Monitoring Results
Location | Parkipahari Village
(Period: October, 2024 To March, 2025)

DATE	PM_{10} ($\mu g/m^3$)	$PM_{2.5}$ ($\mu g/m^3$)	SO_2 ($\mu g/m^3$)	NO_2 ($\mu g/m^3$)
04.10.2024	56	24	8	18
06.10.2024	52	18	4	14
10.10.2024	54	22	7	19
13.10.2024	63	29	8	13
17.10.2024	58	28	6	17
20.10.2024	55	25	9	19
24.10.2024	67	30	7	14
27.10.2024	58	26	6	17
03.11.2024	54	23	4	16
07.11.2024	66	28	8	13
10.11.2024	57	25	6	20
14.11.2024	59	28	5	16
17.11.2024	53	21	9	14
21.11.2024	63	29	7	18
24.11.2024	54	22	10	15
28.11.2024	57	26	7	26
05.12.2024	66	30	11	18
08.12.2024	60	23	9	21
12.12.2024	53	20	6	16

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15.12.2024	56	25	8	20
19.12.2024	67	31	12	17
22.12.2024	59	24	9	25
26.12.2024	55	23	11	14
29.12.2024	69	31	6	20
02.01.2025	65	28	5	13
05.01.2025	72	33	8	25
09.01.2025	53	21	9	16
12.01.2025	57	24	7	23
16.01.2025	65	29	8	19
19.01.2025	59	25	12	16
23.01.2025	76	35	7	23
26.01.2025	71	31	10	18
02.02.2025	63	28	8	19
05.02.2025	57	22	7	22
09.02.2025	63	29	12	26
13.02.2025	58	21	6	16
16.02.2025	77	36	7	22
20.02.2025	60	22	8	20
23.02.2025	66	30	6	17
27.02.2025	61	27	7	25
05.03.2025	69	32	8	21
08.03.2025	60	23	6	17
12.03.2025	71	33	10	24
15.03.2025	56	22	8	20
19.03.2025	61	27	6	25
22.03.2025	69	32	7	17
26.03.2025	62	26	9	19
29.03.2025	71	32	7	25

TABLE: - 4

Onsite Ambient Air Quality Monitoring Results

Location | Punjipatra Village

(Period: October, 2024 To March, 2025)

DATE	PM_{10}	$PM_{2.5}$	SO_2	NO_2
	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)
04.10.2024	62	28	8	18
06.10.2024	71	33	9	25
10.10.2024	58	27	7	21
13.10.2024	60	29	11	26
17.10.2024	68	32	8	20
20.10.2024	58	27	9	27
24.10.2024	71	34	8	22
27.10.2024	80	38	10	19
03.11.2024	59	27	15	29
07.11.2024	68	32	11	24

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10.11.2024	79	37	8	26
14.11.2024	70	32	13	23
17.11.2024	76	36	15	18
21.11.2024	63	29	8	20
24.11.2024	70	33	10	31
28.11.2024	87	43	11	19
05.12.2024	75	34	9	28
08.12.2024	86	40	8	24
12.12.2024	81	36	10	30
15.12.2024	89	43	12	25
19.12.2024	72	32	9	32
22.12.2024	65	28	11	20
26.12.2024	70	33	14	24
29.12.2024	62	27	10	21
02.01.2025	67	31	11	27
05.01.2025	63	30	10	19
09.01.2025	75	37	14	25
12.01.2025	69	31	9	21
16.01.2025	66	28	11	26
19.01.2025	64	30	14	19
23.01.2025	65	30	13	23
26.01.2025	61	29	10	21
02.02.2025	68	32	11	31
05.02.2025	61	27	8	23
09.02.2025	62	30	9	20
13.02.2025	74	34	12	31
16.02.2025	65	29	10	22
20.02.2025	80	38	8	19
23.02.2025	63	28	9	33
27.02.2025	78	37	8	26
05.03.2025	66	29	11	20
08.03.2025	89	43	9	27
12.03.2025	68	31	10	22
15.03.2025	82	39	11	33
19.03.2025	69	31	9	20
22.03.2025	63	27	8	24
26.03.2025	71	33	10	38
29.03.2025	85	42	12	25

For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. 100, Kalikapur, Madurdaha Kolkata 700107

(Authorized Signatory)

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CIN NO : U74210WB1989PTC047403

ANX-3

Table 1		Statistical Analysis of Pollutants (Period: October, 2024 To March, 2025)				
Pollutants	**Locations**	**MES**	**Min**	**Max**	**A.M.**	**P - 98**
PM_{10} ($\mu g/m^3$)	Project Site	48	57	95	74.3	95.0
	Samaruma Village	48	55	80	68.8	80.0
	Parkipahari Village	48	52	77	61.5	76.1
	Punjipatra Village	48	58	89	70.3	89.0
	Overall	**192**	**52**	**95**	**68.7**	**-**
$PM_{2.5}$ ($\mu g/m^3$)	Project Site	48	23	47	34.3	45.7
	Samaruma Village	48	24	38	31.2	37.6
	Parkipahari Village	48	18	36	26.6	35.0
	Punjipatra Village	48	27	43	32.6	42.7
	Overall	**192**	**18**	**47**	**31.2**	**-**
SO_2 ($\mu g/m^3$)	Project Site	48	6	16	9.9	16.0
	Samaruma Village	48	5	13	8.8	12.1
	Parkipahari Village	48	4	12	7.7	12.0
	Punjipatra Village	48	7	15	10.2	15.0
	Overall	**192**	**4**	**16**	**9.2**	**-**
NO_2 ($\mu g/m^3$)	Project Site	48	17	34	23.7	32.1
	Samaruma Village	48	15	29	20.6	28.1
	Parkipahari Village	48	13	26	18.9	26.0
	Punjipatra Village	48	18	38	24.3	33.3
	Overall	**192**	**13**	**38**	**21.9**	**-**

For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. 100, Kalikapur, Madurdaha Kolkata 700107

(Authorized Signatory)

Envirotech East Pvt. Limited

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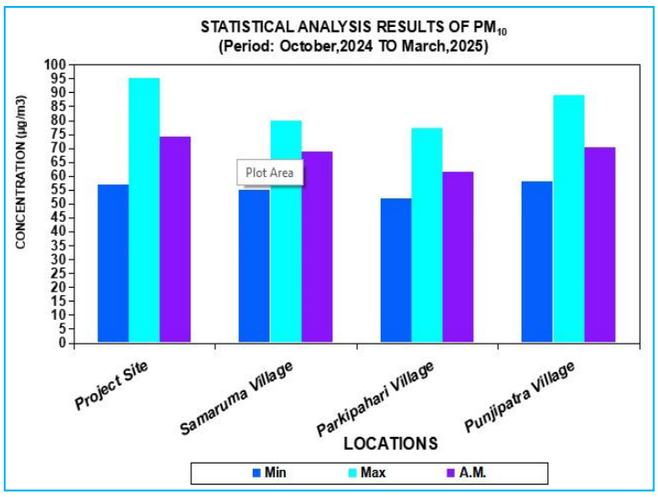
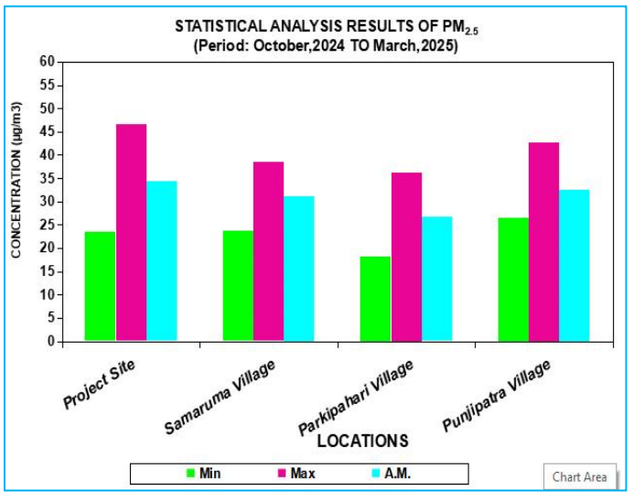
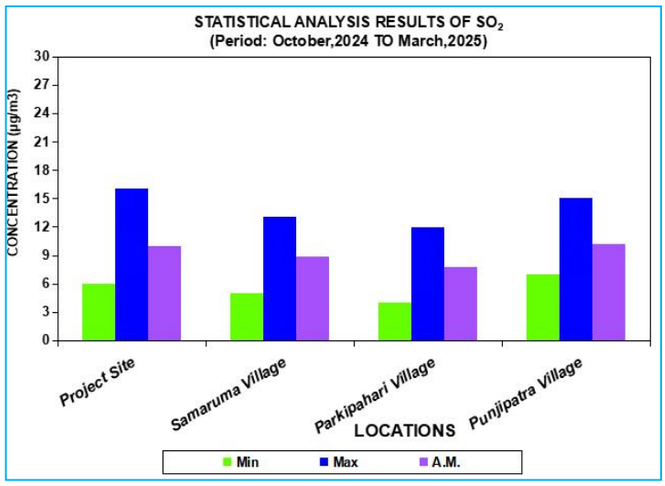
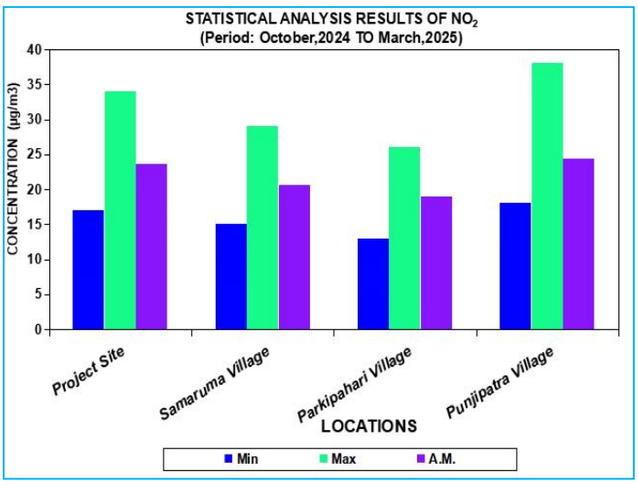
CIN NO : U74210WB1989PTC047403

ANX-3









For ENVIROTECH EAST (P) LTD.

(Authorized Signatory)

Real Time Data Acquisition And Monitoring

Site Name: M/s Scania Steels & Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd)

Report: Average Report

From Date: 01-10-2024T00:00:43Z To Date: 31-10-2024T23:59:49Z

Description	AAQMS_1-CO(mg/m3)	AAQMS_1-NO(ug/m3)	AAQMS_1-NO2(ug/m3)	AAQMS_1-NOx(ug/m3)	AAQMS_1-PM2.5(ug/m3)	AAQMS_1-PM10(ug/m3)	AAQMS_1-SO2(ug/m3)
Prescribed Standards	0 - 4	0 - 80	0 - 80	0 - 80	0 - 60	0 - 100	0 - 80
Maximum Data	2.76	16.05	7.78	22.72	39.76	85.2	53.65
Minimum Data	0.45	7.51	5.85	13.36	0.17	0.26	18.97
Geometric Mean	1.12	10.73	6.98	16.6	10.57	19.74	31.46
Median	0.55	9.9	6.95	15.94	3.74	6.48	28.54
Standard Deviation	0.82	2.22	0.43	2.42	13.07	26.66	9.58
Maximum Value At Time	2024-10-29 00:00:00	2024-10-06 00:00:00	2024-10-21 00:00:00	2024-10-06 00:00:00	2024-10-01 00:00:00	2024-10-01 00:00:00	2024-10-29 00:00:00
Minimum Value At Time	2024-10-04 00:00:00	2024-10-28 00:00:00	2024-10-04 00:00:00	2024-10-28 00:00:00	2024-10-20 00:00:00	2024-10-20 00:00:00	2024-10-02 00:00:00
Valid Data Points	30	30	30	30	30	30	30
Total Data Points	30	30	30	30	30	30	30
Data Availability %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Sl No.	Time	AAQMS_1-CO(mg/m3)	AAQMS_1-NO(ug/m3)	AAQMS_1-NO2(ug/m3)	AAQMS_1-NOx(ug/m3)	AAQMS_1-PM2.5(ug/m3)	AAQMS_1-PM10(ug/m3)	AAQMS_1-SO2(ug/m3)
1	2024-10-01 00:00:00	0.51	8.63	6.65	14.07	39.76	85.20	19.89
2	2024-10-02 00:00:00	0.51	8.23	6.66	13.62	39.76	85.20	18.97
3	2024-10-03 00:00:00	0.52	8.61	6.72	14.10	39.76	85.20	19.87
4	2024-10-04 00:00:00	0.45	13.89	5.85	19.70	30.30	64.93	23.01
5	2024-10-05 00:00:00	0.49	11.47	6.38	16.98	1.05	2.23	26.45
6	2024-10-06 00:00:00	0.57	16.05	7.42	22.72	6.04	12.95	37.01
7	2024-10-07 00:00:00	0.59	12.55	7.68	19.07	1.69	3.62	28.96
8	2024-10-08 00:00:00	0.55	13.14	7.13	19.34	2.46	5.27	30.31

Sl No.	Time	AAQMS_1-CO(mg/m3)	AAQMS_1-NO(ug/m3)	AAQMS_1-NO2(ug/m3)	AAQMS_1-NOx(ug/m3)	AAQMS_1-PM2.5(ug/m3)	AAQMS_1-PM10(ug/m3)	AAQMS_1-SO2(ug/m3)
9	2024-10-09 00:00:00	0.54	14.49	7.06	20.76	2.77	5.95	33.43
10	2024-10-10 00:00:00	0.53	14.39	6.93	20.56	1.60	3.43	33.18
11	2024-10-11 00:00:00	0.49	12.73	6.45	18.41	1.33	2.86	29.36
12	2024-10-12 00:00:00	0.51	12.20	6.64	17.96	1.14	2.45	28.12
13	2024-10-13 00:00:00	0.50	10.07	6.58	15.59	0.80	1.71	23.23
14	2024-10-14 00:00:00	0.50	9.82	6.52	15.28	0.40	0.84	22.66
15	2024-10-15 00:00:00	0.51	9.26	6.66	14.75	1.20	2.68	21.35
16	2024-10-16 00:00:00	0.53	9.55	6.92	15.26	1.83	3.91	22.03
17	2024-10-17 00:00:00	0.53	11.79	6.87	17.68	2.95	6.31	27.22
18	2024-10-18 00:00:00	0.53	11.71	6.86	17.58	1.72	3.68	27.00
19	2024-10-19 00:00:00	1.03	12.74	6.71	18.61	18.97	29.17	26.01
20	2024-10-20 00:00:00	1.16	9.85	7.55	16.02	0.17	0.26	22.20
21	2024-10-21 00:00:00	1.42	9.60	7.78	15.91	31.36	47.73	27.20
22	2024-10-22 00:00:00	2.46	9.95	7.33	15.98	18.44	27.98	47.18
23	2024-10-23 00:00:00	2.13	9.42	7.43	15.46	18.14	27.49	40.50
24	2024-10-24 00:00:00	2.17	8.90	7.28	14.79	6.89	10.48	41.36
25	2024-10-25 00:00:00	2.25	8.59	7.01	14.26	3.11	4.73	42.93
26	2024-10-26 00:00:00	2.38	8.40	6.97	14.04	5.33	8.11	45.37
27	2024-10-27 00:00:00	2.07	8.40	7.34	14.29	4.38	6.66	39.40
28	2024-10-28 00:00:00	2.20	7.51	7.40	13.36	17.39	26.47	42.11
29	2024-10-29 00:00:00	2.76	9.73	7.31	15.73	10.88	16.56	53.65
30	2024-10-30 00:00:00	2.30	10.25	7.18	16.20	5.38	8.19	43.88

Real Time Data Acquisition And Monitoring

Site Name: M/s Scania Steels & Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd)

Report: Average Report

From Date: 01-11-2024T00:00:02Z To Date: 30-11-2024T00:00:11Z

Description	AAQMS_1-CO(mg/m3)	AAQMS_1-NO(ug/m3)	AAQMS_1-NO2(ug/m3)	AAQMS_1-NOx(ug/m3)	AAQMS_1-PM2.5(ug/m3)	AAQMS_1-PM10(ug/m3)	AAQMS_1-SO2(ug/m3)
Prescribed Standards	0 - 4	0 - 80	0 - 80	0 - 80	0 - 60	0 - 100	0 - 80
Maximum Data	1.38	16.49	8.38	22.95	18.82	31.24	26.37
Minimum Data	0.17	5.52	4.7	9.34	0.0	0.0	3.33
Geometric Mean	0.27	10.69	6.83	16.44	4.58	10.14	5.28
Median	0.19	11.22	7.0	17.14	4.41	10.59	3.75
Standard Deviation	0.26	3.28	1.11	4.01	3.53	6.56	5.01
Maximum Value At Time	2024-11-01 00:00:00	2024-11-13 00:00:00	2024-11-06 00:00:00	2024-11-13 00:00:00	2024-11-06 00:00:00	2024-11-06 00:00:00	2024-11-01 00:00:00
Minimum Value At Time	2024-11-28 00:00:00	2024-11-25 00:00:00	2024-11-29 00:00:00	2024-11-25 00:00:00	2024-11-02 00:00:00	2024-11-02 00:00:00	2024-11-28 00:00:00
Valid Data Points	29	29	29	29	29	29	29
Total Data Points	29	29	29	29	29	29	29
Data Availability %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Sl No.	Time	AAQMS_1-CO(mg/m3)	AAQMS_1-NO(ug/m3)	AAQMS_1-NO2(ug/m3)	AAQMS_1-NOx(ug/m3)	AAQMS_1-PM2.5(ug/m3)	AAQMS_1-PM10(ug/m3)	AAQMS_1-SO2(ug/m3)
1	2024-11-01 00:00:00	1.38	9.23	6.99	14.96	0.40	0.61	26.37
2	2024-11-02 00:00:00	0.36	9.61	7.30	15.59	0.00	0.00	6.98
3	2024-11-03 00:00:00	0.96	7.14	7.77	13.21	0.00	0.00	19.35
4	2024-11-04 00:00:00	0.19	7.56	8.17	13.94	4.32	6.59	3.58
5	2024-11-05 00:00:00	0.23	7.81	7.96	14.07	7.46	11.35	4.36
6	2024-11-06 00:00:00	0.22	10.12	8.38	16.89	18.82	31.24	4.26
7	2024-11-07 00:00:00	0.27	13.24	6.59	19.07	1.71	4.11	5.22
8	2024-11-08 00:00:00	0.26	14.08	6.77	20.12	1.89	4.55	4.86

Sl No.	Time	AAQMS_1-CO(mg/m3)	AAQMS_1-NO(ug/m3)	AAQMS_1-NO2(ug/m3)	AAQMS_1-NOx(ug/m3)	AAQMS_1-PM2.5(ug/m3)	AAQMS_1-PM10(ug/m3)	AAQMS_1-SO2(ug/m3)
9	2024-11-09 00:00:00	0.24	13.65	6.70	19.59	3.05	7.32	4.55
10	2024-11-10 00:00:00	0.23	14.34	6.66	20.31	1.34	3.21	4.29
11	2024-11-11 00:00:00	0.22	15.28	6.56	21.27	3.00	7.20	4.13
12	2024-11-12 00:00:00	0.21	14.59	6.63	20.57	2.91	6.99	4.06
13	2024-11-13 00:00:00	0.22	16.49	7.05	22.95	5.62	13.49	4.20
14	2024-11-14 00:00:00	0.20	13.13	6.65	18.99	3.01	7.23	3.86
15	2024-11-15 00:00:00	0.19	11.84	6.90	17.75	5.51	13.22	3.76
16	2024-11-16 00:00:00	0.19	11.22	7.00	17.14	4.41	10.59	3.63
17	2024-11-17 00:00:00	0.19	11.08	7.06	17.03	4.35	10.43	3.60
18	2024-11-18 00:00:00	0.19	11.23	7.27	17.35	7.58	18.20	3.66
19	2024-11-19 00:00:00	0.19	10.57	7.08	16.49	3.44	8.26	3.55
20	2024-11-20 00:00:00	0.20	12.34	8.38	19.32	8.88	21.32	3.75
21	2024-11-21 00:00:00	0.19	13.23	7.96	20.00	4.48	10.75	3.71
22	2024-11-22 00:00:00	0.18	13.09	7.65	19.64	4.56	10.95	3.49
23	2024-11-23 00:00:00	0.18	11.77	7.78	18.28	5.03	12.08	3.45
24	2024-11-24 00:00:00	0.18	9.61	7.00	15.37	4.76	11.40	3.42
25	2024-11-25 00:00:00	0.18	5.52	4.74	9.34	7.70	18.48	3.42
26	2024-11-26 00:00:00	0.18	5.55	4.75	9.37	4.92	11.84	3.45
27	2024-11-27 00:00:00	0.18	5.54	4.78	9.38	3.90	9.36	3.50
28	2024-11-28 00:00:00	0.17	5.56	4.75	9.38	4.47	10.71	3.33
29	2024-11-29 00:00:00	0.18	5.57	4.70	9.36	5.19	12.46	3.39

Real Time Data Acquisition And Monitoring

Site Name: M/s Scania Steels & Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd)

Report: Average Report

From Date: 01-12-2024T13:05:00Z To Date: 01-01-2025T13:05:57Z

Description	AAQMS_1-CO(mg/m3)	AAQMS_1-NO(ug/m3)	AAQMS_1-NO2(ug/m3)	AAQMS_1-NOx(ug/m3)	AAQMS_1-PM2.5(ug/m3)	AAQMS_1-PM10(ug/m3)	AAQMS_1-SO2(ug/m3)
Prescribed Standards	0 - 4	0 - 80	0 - 80	0 - 80	0 - 60	0 - 100	0 - 80
Maximum Data	0.78	5.56	4.89	9.41	17.06	41.0	15.75
Minimum Data	0.17	5.44	4.77	9.3	0.37	0.9	3.09
Geometric Mean	0.24	5.49	4.81	9.34	5.25	12.62	4.51
Median	0.18	5.48	4.81	9.34	5.2	12.54	3.5
Standard Deviation	0.15	0.03	0.03	0.03	3.21	7.72	3.07
Maximum Value At Time	2024-12-29 00:00:00	2024-12-13 00:00:00	2024-12-14 00:00:00	2024-12-13 00:00:00	2024-12-27 00:00:00	2024-12-27 00:00:00	2024-12-28 00:00:00
Minimum Value At Time	2024-12-05 00:00:00	2024-12-21 00:00:00	2024-12-20 00:00:00	2024-12-20 00:00:00	2024-12-02 00:00:00	2024-12-02 00:00:00	2024-12-08 00:00:00
Valid Data Points	30	30	30	30	30	30	30
Total Data Points	30	30	30	30	30	30	30
Data Availability %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Sl No.	Time	AAQMS_1-CO(mg/m3)	AAQMS_1-NO(ug/m3)	AAQMS_1-NO2(ug/m3)	AAQMS_1-NOx(ug/m3)	AAQMS_1-PM2.5(ug/m3)	AAQMS_1-PM10(ug/m3)	AAQMS_1-SO2(ug/m3)
1	2024-12-02 00:00:00	0.18	5.51	4.79	9.36	0.37	0.90	3.39
2	2024-12-03 00:00:00	0.19	5.53	4.78	9.36	1.42	3.41	3.61
3	2024-12-04 00:00:00	0.18	5.52	4.79	9.36	3.53	8.43	3.35
4	2024-12-05 00:00:00	0.17	5.51	4.83	9.38	3.03	7.29	3.31
5	2024-12-06 00:00:00	0.17	5.52	4.79	9.37	4.61	11.06	3.18
6	2024-12-07 00:00:00	0.17	5.50	4.79	9.35	4.96	11.91	3.19
7	2024-12-08 00:00:00	0.17	5.51	4.79	9.35	0.61	1.46	3.09
8	2024-12-09 00:00:00	0.18	5.48	4.79	9.32	5.21	12.64	3.40

Sl No.	Time	AAQMS_1-CO(mg/m3)	AAQMS_1-NO(ug/m3)	AAQMS_1-NO2(ug/m3)	AAQMS_1-NOx(ug/m3)	AAQMS_1-PM2.5(ug/m3)	AAQMS_1-PM10(ug/m3)	AAQMS_1-SO2(ug/m3)
9	2024-12-10 00:00:00	0.19	5.45	4.86	9.33	5.69	13.62	3.70
10	2024-12-11 00:00:00	0.19	5.49	4.82	9.35	5.19	12.44	3.64
11	2024-12-12 00:00:00	0.18	5.51	4.78	9.35	5.81	13.93	3.40
12	2024-12-13 00:00:00	0.17	5.56	4.79	9.41	3.71	8.87	3.27
13	2024-12-14 00:00:00	0.18	5.46	4.89	9.36	11.07	26.56	3.35
14	2024-12-15 00:00:00	0.17	5.53	4.80	9.38	5.77	13.86	3.26
15	2024-12-16 00:00:00	0.17	5.52	4.82	9.39	8.06	19.35	3.21
16	2024-12-17 00:00:00	0.18	5.48	4.83	9.35	5.33	12.78	3.36
17	2024-12-18 00:00:00	0.18	5.51	4.79	9.36	7.78	18.69	3.40
18	2024-12-19 00:00:00	0.18	5.49	4.78	9.34	8.27	19.88	3.34
19	2024-12-20 00:00:00	0.19	5.47	4.77	9.30	7.02	16.84	3.60
20	2024-12-21 00:00:00	0.20	5.44	4.83	9.30	2.46	5.92	3.89
21	2024-12-22 00:00:00	0.20	5.45	4.81	9.30	5.08	12.20	3.82
22	2024-12-23 00:00:00	0.19	5.45	4.85	9.32	3.20	7.69	3.76
23	2024-12-24 00:00:00	0.19	5.48	4.82	9.34	5.51	13.20	3.69
24	2024-12-25 00:00:00	0.20	5.46	4.83	9.32	6.21	14.89	3.87
25	2024-12-26 00:00:00	0.21	5.47	4.80	9.32	5.52	13.27	4.04
26	2024-12-27 00:00:00	0.23	5.46	4.85	9.33	17.06	41.00	4.34
27	2024-12-28 00:00:00	0.77	5.45	4.86	9.34	5.70	13.68	15.75
28	2024-12-29 00:00:00	0.78	5.45	4.84	9.33	2.30	5.53	14.93
29	2024-12-30 00:00:00	0.40	5.46	4.82	9.31	3.01	7.23	7.61
30	2024-12-31 00:00:00	0.30	5.47	4.84	9.34	4.15	9.97	5.64

Real Time Data Acquisition And Monitoring

Site Name: M/s Scania Steels & Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd)

Report: Average Report

From Date: 01-12-2024T00:00:45Z To Date: 31-12-2024T00:00:13Z

Description	AAQMS_1-CO(mg/m3)	AAQMS_1-NO(ug/m3)	AAQMS_1-NO2(ug/m3)	AAQMS_1-NOx(ug/m3)	AAQMS_1-PM2.5(ug/m3)	AAQMS_1-PM10(ug/m3)	AAQMS_1-SO2(ug/m3)
Prescribed Standards	0 - 4	0 - 80	0 - 80	0 - 80	0 - 60	0 - 100	0 - 80
Maximum Data	0.25	5.62	4.86	9.45	11.62	27.92	4.75
Minimum Data	0.18	5.43	4.71	9.27	0.0	0.0	3.39
Geometric Mean	0.21	5.53	4.8	9.38	4.16	9.99	3.95
Median	0.2	5.54	4.8	9.39	4.41	10.59	3.93
Standard Deviation	0.02	0.06	0.03	0.05	2.39	5.74	0.38
Maximum Value At Time	2025-01-29 00:00:00	2025-02-09 00:00:00	2025-01-27 00:00:00	2025-02-11 00:00:00	2025-02-12 00:00:00	2025-02-12 00:00:00	2025-01-30 00:00:00
Minimum Value At Time	2025-02-07 00:00:00	2025-01-26 00:00:00	2025-02-09 00:00:00	2025-01-31 00:00:00	2025-02-08 00:00:00	2025-02-08 00:00:00	2025-02-09 00:00:00
Valid Data Points	30	30	30	30	30	30	30
Total Data Points	30	30	30	30	30	30	30
Data Availability %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Sl No.	Time	AAQMS_1-CO(mg/m3)	AAQMS_1-NO(ug/m3)	AAQMS_1-NO2(ug/m3)	AAQMS_1-NOx(ug/m3)	AAQMS_1-PM2.5(ug/m3)	AAQMS_1-PM10(ug/m3)	AAQMS_1-SO2(ug/m3)
1	2025-01-26 00:00:00	0.23	5.43	4.83	9.29	4.34	10.43	4.39
2	2025-01-27 00:00:00	0.23	5.44	4.86	9.33	5.83	13.99	4.29
3	2025-01-28 00:00:00	0.24	5.44	4.83	9.31	6.13	14.71	4.51
4	2025-01-29 00:00:00	0.25	5.47	4.77	9.31	6.96	16.70	4.64
5	2025-01-30 00:00:00	0.25	5.43	4.82	9.29	5.64	13.54	4.75
6	2025-01-31 00:00:00	0.23	5.44	4.76	9.27	3.24	7.77	4.45
7	2025-02-01 00:00:00	0.19	5.56	4.80	9.42	2.77	6.65	3.61
8	2025-02-02 00:00:00	0.19	5.54	4.78	9.39	4.53	10.86	3.55

Sl No.	Time	AAQMS_1-CO(mg/m3)	AAQMS_1-NO(ug/m3)	AAQMS_1-NO2(ug/m3)	AAQMS_1-NOx(ug/m3)	AAQMS_1-PM2.5(ug/m3)	AAQMS_1-PM10(ug/m3)	AAQMS_1-SO2(ug/m3)
9	2025-02-03 00:00:00	0.19	5.55	4.79	9.40	5.08	12.20	3.56
10	2025-02-04 00:00:00	0.20	5.56	4.81	9.42	4.72	11.33	3.75
11	2025-02-05 00:00:00	0.20	5.54	4.80	9.40	4.48	10.75	3.76
12	2025-02-06 00:00:00	0.19	5.57	4.75	9.39	2.50	6.00	3.59
13	2025-02-07 00:00:00	0.18	5.61	4.75	9.43	3.57	8.55	3.47
14	2025-02-08 00:00:00	0.18	5.60	4.78	9.44	0.00	0.00	3.43
15	2025-02-09 00:00:00	0.18	5.62	4.71	9.43	5.66	13.62	3.39
16	2025-02-10 00:00:00	0.19	5.61	4.77	9.44	7.30	17.53	3.61
17	2025-02-11 00:00:00	0.18	5.59	4.79	9.45	0.49	1.19	3.53
18	2025-02-12 00:00:00	0.22	5.48	4.83	9.35	11.62	27.92	4.14
19	2025-02-13 00:00:00	0.20	5.57	4.76	9.39	2.43	5.84	3.80
20	2025-02-14 00:00:00	0.19	5.54	4.82	9.40	2.09	5.02	3.73
21	2025-02-15 00:00:00	0.20	5.54	4.77	9.38	2.94	7.03	3.83
22	2025-02-16 00:00:00	0.21	5.52	4.80	9.37	5.87	14.09	4.00
23	2025-02-17 00:00:00	0.20	5.51	4.84	9.39	5.87	14.08	3.90
24	2025-02-18 00:00:00	0.22	5.55	4.77	9.38	4.69	11.27	4.17
25	2025-02-19 00:00:00	0.23	5.52	4.82	9.39	5.19	12.45	4.30
26	2025-02-20 00:00:00	0.21	5.53	4.85	9.42	1.57	3.77	3.96
27	2025-02-21 00:00:00	0.22	5.48	4.79	9.33	0.09	0.21	4.08
28	2025-02-22 00:00:00	0.23	5.56	4.80	9.41	3.22	7.74	4.36
29	2025-02-23 00:00:00	0.21	5.54	4.81	9.41	3.30	7.91	3.99
30	2025-02-24 00:00:00	0.21	5.54	4.79	9.39	2.75	6.60	4.08

Real Time Data Acquisition And Monitoring

Site Name: M/s Scania Steels & Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd)

Report: Average Report

From Date: 01-02-2025T00:00:04Z To Date: 28-02-2025T00:00:11Z

Description	AAQMS_1-CO(mg/m3)	AAQMS_1-NO(ug/m3)	AAQMS_1-NO2(ug/m3)	AAQMS_1-NOx(ug/m3)	AAQMS_1-PM2.5(ug/m3)	AAQMS_1-PM10(ug/m3)	AAQMS_1-SO2(ug/m3)
Prescribed Standards	0 - 4	0 - 80	0 - 80	0 - 80	0 - 60	0 - 100	0 - 80
Maximum Data	0.23	5.62	4.85	9.45	11.62	27.92	4.36
Minimum Data	0.18	5.48	4.71	9.33	0.0	0.0	3.39
Geometric Mean	0.2	5.55	4.79	9.4	3.88	9.32	3.86
Median	0.2	5.54	4.79	9.4	3.87	9.28	3.83
Standard Deviation	0.02	0.04	0.03	0.03	2.37	5.69	0.3
Maximum Value At Time	2025-02-19 00:00:00	2025-02-09 00:00:00	2025-02-20 00:00:00	2025-02-11 00:00:00	2025-02-12 00:00:00	2025-02-12 00:00:00	2025-02-22 00:00:00
Minimum Value At Time	2025-02-07 00:00:00	2025-02-12 00:00:00	2025-02-09 00:00:00	2025-02-21 00:00:00	2025-02-08 00:00:00	2025-02-08 00:00:00	2025-02-09 00:00:00
Valid Data Points	27	27	27	27	27	27	27
Total Data Points	27	27	27	27	27	27	27
Data Availability %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Sl No.	Time	AAQMS_1-CO(mg/m3)	AAQMS_1-NO(ug/m3)	AAQMS_1-NO2(ug/m3)	AAQMS_1-NOx(ug/m3)	AAQMS_1-PM2.5(ug/m3)	AAQMS_1-PM10(ug/m3)	AAQMS_1-SO2(ug/m3)
1	2025-02-01 00:00:00	0.19	5.56	4.80	9.42	2.77	6.65	3.61
2	2025-02-02 00:00:00	0.19	5.54	4.78	9.39	4.53	10.86	3.55
3	2025-02-03 00:00:00	0.19	5.55	4.79	9.40	5.08	12.20	3.56
4	2025-02-04 00:00:00	0.20	5.56	4.81	9.42	4.72	11.33	3.75
5	2025-02-05 00:00:00	0.20	5.54	4.80	9.40	4.48	10.75	3.76
6	2025-02-06 00:00:00	0.19	5.57	4.75	9.39	2.50	6.00	3.59
7	2025-02-07 00:00:00	0.18	5.61	4.75	9.43	3.57	8.55	3.47
8	2025-02-08 00:00:00	0.18	5.60	4.78	9.44	0.00	0.00	3.43

Sl No.	Time	AAQMS_1-CO(mg/m3)	AAQMS_1-NO(ug/m3)	AAQMS_1-NO2(ug/m3)	AAQMS_1-NOx(ug/m3)	AAQMS_1-PM2.5(ug/m3)	AAQMS_1-PM10(ug/m3)	AAQMS_1-SO2(ug/m3)
9	2025-02-09 00:00:00	0.18	5.62	4.71	9.43	5.66	13.62	3.39
10	2025-02-10 00:00:00	0.19	5.61	4.77	9.44	7.30	17.53	3.61
11	2025-02-11 00:00:00	0.18	5.59	4.79	9.45	0.49	1.19	3.53
12	2025-02-12 00:00:00	0.22	5.48	4.83	9.35	11.62	27.92	4.14
13	2025-02-13 00:00:00	0.20	5.57	4.76	9.39	2.43	5.84	3.80
14	2025-02-14 00:00:00	0.19	5.54	4.82	9.40	2.09	5.02	3.73
15	2025-02-15 00:00:00	0.20	5.54	4.77	9.38	2.94	7.03	3.83
16	2025-02-16 00:00:00	0.21	5.52	4.80	9.37	5.87	14.09	4.00
17	2025-02-17 00:00:00	0.20	5.51	4.84	9.39	5.87	14.08	3.90
18	2025-02-18 00:00:00	0.22	5.55	4.77	9.38	4.69	11.27	4.17
19	2025-02-19 00:00:00	0.23	5.52	4.82	9.39	5.19	12.45	4.30
20	2025-02-20 00:00:00	0.21	5.53	4.85	9.42	1.57	3.77	3.96
21	2025-02-21 00:00:00	0.22	5.48	4.79	9.33	0.09	0.21	4.08
22	2025-02-22 00:00:00	0.23	5.56	4.80	9.41	3.22	7.74	4.36
23	2025-02-23 00:00:00	0.21	5.54	4.81	9.41	3.30	7.91	3.99
24	2025-02-24 00:00:00	0.21	5.54	4.79	9.39	2.75	6.60	4.08
25	2025-02-25 00:00:00	0.21	5.56	4.78	9.40	4.15	9.96	4.06
26	2025-02-26 00:00:00	0.23	5.53	4.83	9.41	4.02	9.66	4.33
27	2025-02-27 00:00:00	0.23	5.52	4.82	9.39	3.87	9.28	4.26

Real Time Data Acquisition And Monitoring

Site Name: M/s Scania Steels & Powers Limited (Formerly Known as Sidhi Vinayak Sponge Iron Pvt Ltd)

Report: Average Report

From Date: 01-03-2025T00:01:59Z To Date: 31-03-2025T23:59:06Z

Description	AAQMS_1-CO(mg/m3)	AAQMS_1-NO(ug/m3)	AAQMS_1-NO2(ug/m3)	AAQMS_1-NOx(ug/m3)	AAQMS_1-PM2.5(ug/m3)	AAQMS_1-PM10(ug/m3)	AAQMS_1-SO2(ug/m3)
Prescribed Standards	0 - 4	0 - 80	0 - 80	0 - 80	0 - 60	0 - 100	0 - 80
Maximum Data	0.26	5.57	4.85	9.41	17.67	42.33	4.94
Minimum Data	0.22	5.45	4.72	9.31	0.65	1.6	4.17
Geometric Mean	0.24	5.5	4.79	9.35	8.2	19.68	4.51
Median	0.24	5.5	4.8	9.35	8.64	20.72	4.49
Standard Deviation	0.01	0.02	0.03	0.02	4.81	11.54	0.2
Maximum Value At Time	2025-03-13 00:00:00	2025-03-23 00:00:00	2025-03-03 00:00:00	2025-03-03 00:00:00	2025-03-19 00:00:00	2025-03-19 00:00:00	2025-03-13 00:00:00
Minimum Value At Time	2025-03-24 00:00:00	2025-03-28 00:00:00	2025-03-23 00:00:00	2025-03-02 00:00:00	2025-03-03 00:00:00	2025-03-03 00:00:00	2025-03-24 00:00:00
Valid Data Points	30	30	30	30	30	30	30
Total Data Points	30	30	30	30	30	30	30
Data Availability %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Sl No.	Time	AAQMS_1-CO(mg/m3)	AAQMS_1-NO(ug/m3)	AAQMS_1-NO2(ug/m3)	AAQMS_1-NOx(ug/m3)	AAQMS_1-PM2.5(ug/m3)	AAQMS_1-PM10(ug/m3)	AAQMS_1-SO2(ug/m3)
1	2025-03-01 00:00:00	0.25	5.49	4.76	9.32	9.37	22.52	4.65
2	2025-03-02 00:00:00	0.24	5.49	4.76	9.31	6.06	14.53	4.47
3	2025-03-03 00:00:00	0.23	5.52	4.85	9.41	0.65	1.60	4.31
4	2025-03-04 00:00:00	0.23	5.51	4.78	9.35	3.04	7.26	4.29
5	2025-03-05 00:00:00	0.23	5.50	4.83	9.38	2.99	7.16	4.31
6	2025-03-06 00:00:00	0.23	5.54	4.78	9.38	4.19	10.07	4.28
7	2025-03-07 00:00:00	0.23	5.51	4.80	9.36	10.10	24.16	4.33
8	2025-03-08 00:00:00	0.24	5.49	4.82	9.36	11.44	27.42	4.49

Sl No.	Time	AAQMS_1-CO(mg/m3)	AAQMS_1-NO(ug/m3)	AAQMS_1-NO2(ug/m3)	AAQMS_1-NOx(ug/m3)	AAQMS_1-PM2.5(ug/m3)	AAQMS_1-PM10(ug/m3)	AAQMS_1-SO2(ug/m3)
9	2025-03-09 00:00:00	0.25	5.49	4.82	9.37	11.82	28.39	4.72
10	2025-03-10 00:00:00	0.24	5.51	4.80	9.36	10.34	24.88	4.49
11	2025-03-11 00:00:00	0.23	5.49	4.81	9.35	6.86	16.46	4.42
12	2025-03-12 00:00:00	0.24	5.50	4.82	9.37	8.44	20.24	4.58
13	2025-03-13 00:00:00	0.26	5.51	4.80	9.36	16.13	38.70	4.94
14	2025-03-14 00:00:00	0.24	5.50	4.78	9.34	10.36	24.87	4.65
15	2025-03-15 00:00:00	0.26	5.49	4.80	9.35	14.81	35.55	4.84
16	2025-03-16 00:00:00	0.25	5.48	4.82	9.34	15.82	37.96	4.68
17	2025-03-17 00:00:00	0.25	5.47	4.85	9.35	10.65	25.51	4.82
18	2025-03-18 00:00:00	0.25	5.46	4.81	9.32	13.98	33.56	4.64
19	2025-03-19 00:00:00	0.25	5.49	4.80	9.35	17.67	42.33	4.67
20	2025-03-20 00:00:00	0.25	5.51	4.79	9.36	10.84	26.01	4.82
21	2025-03-21 00:00:00	0.24	5.51	4.79	9.36	3.15	7.56	4.48
22	2025-03-22 00:00:00	0.24	5.52	4.78	9.36	3.10	7.45	4.50
23	2025-03-23 00:00:00	0.23	5.57	4.72	9.37	1.67	4.01	4.38
24	2025-03-24 00:00:00	0.22	5.53	4.75	9.35	1.76	4.23	4.17
25	2025-03-25 00:00:00	0.23	5.51	4.76	9.34	3.03	7.27	4.28
26	2025-03-26 00:00:00	0.22	5.53	4.76	9.35	4.87	11.70	4.21
27	2025-03-27 00:00:00	0.24	5.51	4.79	9.36	12.02	28.84	4.62
28	2025-03-28 00:00:00	0.24	5.45	4.83	9.31	8.83	21.20	4.50
29	2025-03-29 00:00:00	0.23	5.50	4.77	9.33	5.06	12.17	4.42
30	2025-03-30 00:00:00	0.24	5.50	4.74	9.31	6.96	16.70	4.47

ANNEXURE-4

Fugitive Emission Monitoring Report (October - 2024 to March - 2025)

Envirotech

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

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- Laboratory Recognized by WBPCB
- Accredited EIA Consultant by QCI-NABET

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CIN NO : U74210WB1989PTC047403

ANX-4

Name of Industry	**M/s. Scania Steels & Powers Ltd.** **(Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address	22 KM Stone Gharghoda Road, Vill: Punjipatra, Raigarh, Pin: 496 011

TABLE: - I

Onsite Fugitive Emission Monitoring Results

Location | Inside Product House

(Period: October, 2024 To March, 2025)

DATE	PM_{10}	$PM_{2.5}$	SO_2	NO_2
	(µg/m3)	(µg/m3)	(µg/m3)	(µg/m3)
05.10.2024	57	25	10	17
07.05.2024	66	26	7	15
11.10.2024	74	31	13	23
14.10.2024	66	31	9	16
18.10.2024	87	34	17	18
21.10.2024	78	34	8	15
25.10.2024	66	28	10	21
28.10.2024	87	39	9	16
04.11.2024	81	36	8	20
08.11.2024	66	29	14	15
11.11.2024	55	22	10	19
15.11.2024	99	48	16	16
18.11.2024	86	40	12	18
22.11.2024	63	25	17	20
25.11.2024	53	22	16	24
29.11.2024	91	32	11	27
06.12.2024	77	31	14	13
09.12.2024	89	33	18	25
13.12.2024	64	24	13	15
16.12.2024	89	39	9	27
20.12.2024	61	24	16	20
23.12.2024	74	25	14	24
27.12.2024	60	22	11	19
30.12.2024	90	32	9	14
03.01.2025	52	17	14	23
06.01.2025	77	35	8	17
10.01.2025	81	39	11	21
13.01.2025	95	45	9	16
17.01.2025	72	31	15	18
20.01.2025	82	38	11	29
24.01.2025	53	25	13	22
25.01.2025	64	29	8	14
03.02.2025	75	32	15	17
06.02.2025	67	27	10	26

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10.02.2025	84	39	14	18
14.02.2025	76	33	9	30
17.02.2025	84	40	17	23
21.02.2025	66	30	13	16
24.02.2025	78	35	18	22
28.02.2025	89	42	15	18
06.03.2025	97	47	8	29
09.03.2025	80	35	19	23
13.03.2025	87	41	14	26
16.03.2025	98	41	8	16
20.03.2025	75	34	13	22
23.03.2025	68	27	16	27
27.03.2025	86	40	10	15
30.03.2025	78	34	14	24

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TABLE: - 2

Onsite Fugitive Emission Monitoring Results

Location | Near ESP

(Period: October, 2024 To March, 2025)

DATE	PM_{10}	$PM_{2.5}$	SO_2	NO_2
	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)
05.10.2024	59	25	9	22
07.05.2024	87	38	8	16
11.10.2024	92	41	11	24
14.10.2024	85	40	8	20
18.10.2024	67	27	9	21
21.10.2024	85	33	11	25
25.10.2024	94	43	10	18
28.10.2024	73	28	13	28
04.11.2024	90	38	9	19
08.11.2024	84	40	14	22
11.11.2024	92	43	12	27
15.11.2024	78	30	16	20
18.11.2024	92	42	13	29
22.11.2024	84	35	19	24
25.11.2024	59	24	14	30
29.11.2024	77	28	17	25
06.12.2024	93	41	19	36
09.12.2024	68	23	21	31
13.12.2024	84	34	16	37
16.12.2024	60	21	19	27
20.12.2024	73	31	15	34
23.12.2024	82	33	17	25
27.12.2024	70	32	13	30
30.12.2024	92	34	20	35
03.01.2025	76	30	17	23
06.01.2025	87	43	19	30
10.01.2025	75	26	15	26
13.01.2025	80	36	17	28
17.01.2025	78	35	20	32
20.01.2025	84	29	16	22
24.01.2025	92	37	19	34
25.01.2025	76	36	17	25
03.02.2025	85	40	14	30
06.02.2025	77	35	20	24
10.02.2025	91	44	14	38
14.02.2025	80	37	12	35
17.02.2025	75	35	16	23

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21.02.2025	87	42	13	16
24.02.2025	90	43	19	36
28.02.2025	66	30	17	25
06.03.2025	85	36	13	32
09.03.2025	68	31	11	37
13.03.2025	89	43	13	30
16.03.2025	72	34	18	35
20.03.2025	86	38	11	31
23.03.2025	92	42	13	30
27.03.2025	58	26	15	33
30.03.2025	88	41	17	27

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TABLE: - 3
Onsite Fugitive Emission Monitoring Results
Location | Near DRI Control Room
(Period: October, 2024 To March, 2025)

DATE	PM_{10} ($\mu g/m^3$)	$PM_{2.5}$ ($\mu g/m^3$)	SO_2 ($\mu g/m^3$)	NO_2 ($\mu g/m^3$)
05.10.2024	64	30	17	19
07.05.2024	71	28	19	16
11.10.2024	80	37	15	24
14.10.2024	74	30	18	19
18.10.2024	81	35	21	15
21.10.2024	70	27	19	20
25.10.2024	97	46	16	28
28.10.2024	82	33	21	22
04.11.2024	76	30	17	16
08.11.2024	84	39	15	23
11.11.2024	68	30	21	20
15.11.2024	77	28	18	22
18.11.2024	70	29	20	17
22.11.2024	89	39	17	15
25.11.2024	78	36	15	23
29.11.2024	97	47	25	18
06.12.2024	81	32	18	26
09.12.2024	84	39	20	16
13.12.2024	72	31	15	19
16.12.2024	65	29	10	24
20.12.2024	97	44	17	14
23.12.2024	90	42	21	23
27.12.2024	87	40	11	15
30.12.2024	62	30	17	26
03.01.2025	86	40	12	16
06.01.2025	71	34	16	30
10.01.2025	92	45	10	17
13.01.2025	77	36	19	24
17.01.2025	88	40	18	21
20.01.2025	70	34	19	28
24.01.2025	96	47	21	23
25.01.2025	83	39	20	15
03.02.2025	90	41	18	34
06.02.2025	77	33	21	23
10.02.2025	65	32	20	28
14.02.2025	92	42	13	14
17.02.2025	84	36	17	23

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21.02.2025	97	48	11	18
24.02.2025	75	33	14	32
28.02.2025	90	43	10	19
06.03.2025	72	30	12	23
09.03.2025	85	39	10	15
13.03.2025	73	31	15	27
16.03.2025	89	40	15	21
20.03.2025	78	34	17	17
23.03.2025	83	38	20	15
27.03.2025	95	45	16	18
30.03.2025	80	34	18	26

For ENVIROTECH EAST (P) LTD.

(Authorized Signatory)

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Table 1		Statistical Analysis of Pollutants (Period: October, 2024 To March, 2025)				
Pollutants	**Locations**	**MES**	**Min**	**Max**	**A.M.**	**P - 98**
PM_{10} ($\mu g/m^3$)	Inside Product House	48	52	99	75.9	98.1
	Near ESP	48	58	94	80.4	93.1
	Near DRI Control Room	48	62	97	80.9	97.0
	Overall	**144**	**52**	**99**	**79.1**	**98.0**
$PM_{2.5}$ ($\mu g/m^3$)	Inside Product House	48	17	48	32.6	46.6
	Near ESP	48	21	44	34.8	43.3
	Near DRI Control Room	48	27	48	36.4	47.1
	Overall	**144**	**17**	**48**	**34.6**	**47.1**
SO_2 ($\mu g/m^3$)	Inside Product House	48	7	19	12.4	18.1
	Near ESP	48	8	21	14.8	20.1
	Near DRI Control Room	48	10	25	16.8	21.2
	Overall	**144**	**7**	**25**	**14.6**	**21.2**
NO_2 ($\mu g/m^3$)	Inside Product House	48	13	30	20.2	29.1
	Near ESP	48	16	38	27.6	37.1
	Near DRI Control Room	48	14	34	21.0	32.1
	Overall	**144**	**13**	**38**	**22.9**	**36.9**

For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. Kolkata 700107

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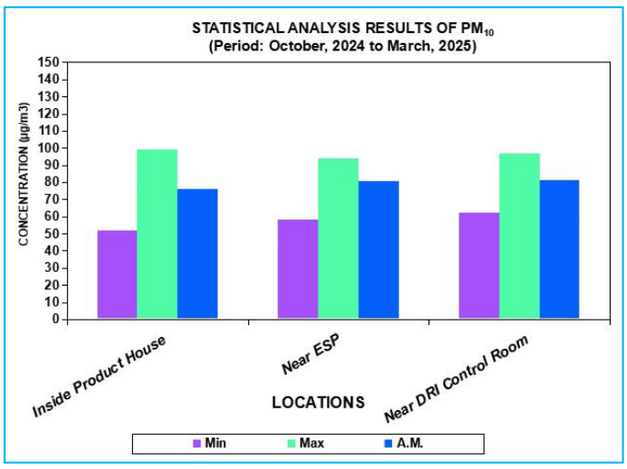

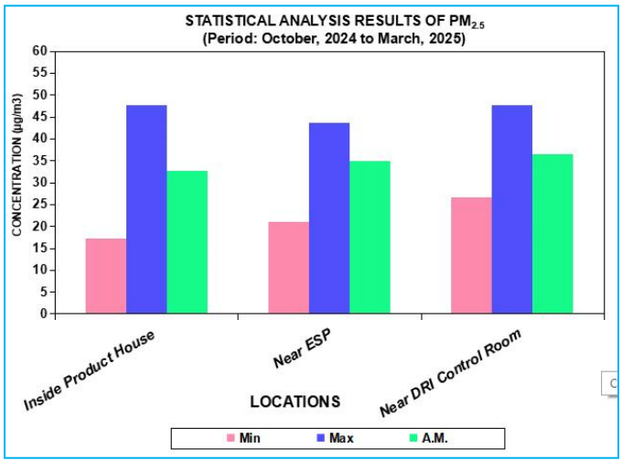

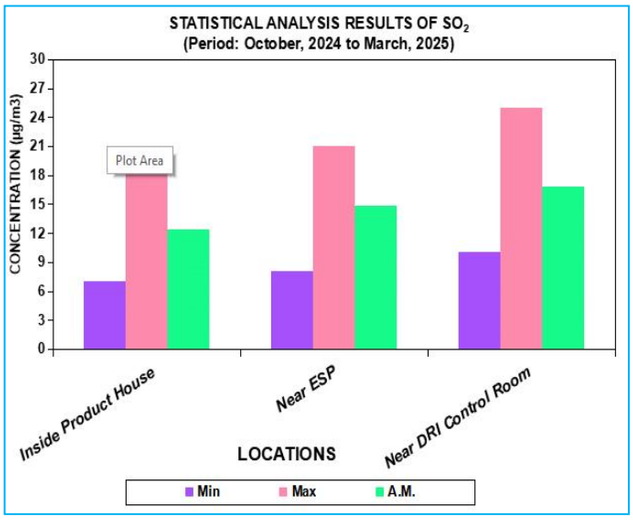

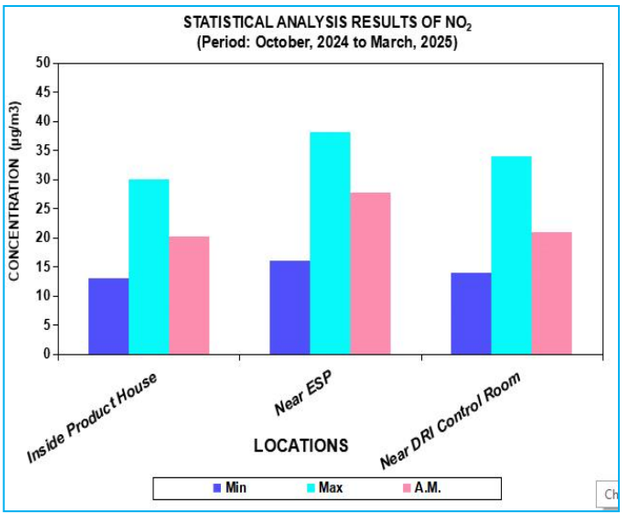

For ENVIROTECH EAST (P) LTD.

(Authorized Signatory)

ANNEXURE-5
Cooling Discharge Water Analysis Report (October - 2024 to March - 2025)

Envirotech East Pvt. Limited

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CIN NO : U74210WB1989PTC047403

ANX-5

COOLING DISCHARGE WATER ANALYSIS REPORT

Name of the client	**M/s. Scania Steels & Powers Ltd. (Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address	22 KM Stone Gharghoda Road, Vill: Punjipatra, Raigarh, Pin: 496 011
Location of Sample	Cooling Discharge Water
Sampling Date	20.10.2024
Sample Collected by	Company Representative (EEPL)

RESULTS OF SAMPLE

Sl. No.	Parameter	Unit	Concentration	Standard
1.	pH	-	6.4	**5.5 - 9.0**
2.	Total Suspended Solids	mg/l	42	**100**
3.	Oil & Grease	mg/l	<2	**10**
4.	COD	mg/l	80	**250**
5.	BOD (3 days at 27°C)	mg/l	<4	**30**

Contents of this report are meant for your guidance and should not be used for Advertisement, Evidence, Litigation

For ENVIROTECH EAST (P) LTD.

(Authorized Signatory)

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CIN NO : U74210WB1989PTC047403

ANX-5

COOLING DISCHARGE WATER ANALYSIS REPORT

Name of the client	**M/s. Scania Steels & Powers Ltd.** **(Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address	22 KM Stone Gharghoda Road, Vill: Punjipatra, Raigarh, Pin: 496 011
Location of Sample	Cooling Discharge Water
Sampling Date	20.11.2024
Sample Collected by	Company Representative (EEPL)

RESULTS OF SAMPLE

Sl. No.	Parameter	Unit	Concentration	Standard
1.	pH	-	6.7	**5.5 - 9.0**
2.	Total Suspended Solids	mg/l	44	**100**
3.	Oil & Grease	mg/l	<2	**10**
4.	COD	mg/l	65	**250**
5.	BOD (3 days at 27°C)	mg/l	<4	**30**

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For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. Kolkata 700107

(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognized by MoEF&CC, Govt. of India
- Laboratory Recognized by WBPCB
- Accredited EIA Consultant by QCI-NABET

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CIN NO : U74210WB1989PTC047403

ANX-5

COOLING DISCHARGE WATER ANALYSIS REPORT

Name of the client	**M/s. Scania Steels & Powers Ltd. (Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address	22 KM Stone Gharghoda Road, Vill: Punjipatra, Raigarh, Pin: 496 011
Location of Sample	Cooling Discharge Water
Sampling Date	20.12.2024
Sample Collected by	Company Representative (EEPL)

RESULTS OF SAMPLE

Sl. No.	Parameter	Unit	Concentration	Standard
1.	pH	-	6.2	**5.5 - 9.0**
2.	Total Suspended Solids	mg/l	40	**100**
3.	Oil & Grease	mg/l	<2	**10**
4.	COD	mg/l	58	**250**
5.	BOD (3 days at 27°C)	mg/l	<4	**30**

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For ENVIROTECH EAST (P) LTD.

(Authorized Signatory)

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CIN NO : U74210WB1989PTC047403

ANX-5

COOLING DISCHARGE WATER ANALYSIS REPORT

Name of the client	**M/s. Scania Steels & Powers Ltd. (Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address	22 KM Stone Gharghoda Road, Vill: Punjipatra, Raigarh, Pin: 496 011
Location of Sample	Cooling Discharge Water
Sampling Date	20.01.2025
Sample Collected by	Company Representative (EEPL)

RESULTS OF SAMPLE

Sl. No.	Parameter	Unit	Concentration	Standard
1.	pH	-	6.5	**5.5 - 9.0**
2.	Total Suspended Solids	mg/l	46	**100**
3.	Oil & Grease	mg/l	<2	**10**
4.	COD	mg/l	70	**250**
5.	BOD (3 days at 27°C)	mg/l	<4	**30**

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For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. Kolkata 700107

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CIN NO : U74210WB1989PTC047403

ANX-5

COOLING DISCHARGE WATER ANALYSIS REPORT

Name of the client	**M/s. Scania Steels & Powers Ltd. (Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address	22 KM Stone Gharghoda Road, Vill: Punjipatra, Raigarh, Pin: 496 011
Location of Sample	Cooling Discharge Water
Sampling Date	20.02.2025
Sample Collected by	Company Representative (EEPL)

RESULTS OF SAMPLE

Sl. No.	Parameter	Unit	Concentration	Standard
1.	pH	-	6.8	**5.5 - 9.0**
2.	Total Suspended Solids	mg/l	70	**100**
3.	Oil & Grease	mg/l	<2	**10**
4.	COD	mg/l	55	**250**
5.	BOD (3 days at 27°C)	mg/l	<4	**30**

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For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. 100, Kalikapur, Madurdaha Kolkata 700107

(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

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CIN NO : U74210WB1989PTC047403

ANX-5

COOLING DISCHARGE WATER ANALYSIS REPORT

Name of the client	**M/s. Scania Steels & Powers Ltd. (Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address	22 KM Stone Gharghoda Road, Vill: Punjipatra, Raigarh, Pin: 496 011
Location of Sample	Cooling Discharge Water
Sampling Date	20.03.2025
Sample Collected by	Company Representative (EEPL)

RESULTS OF SAMPLE

Sl. No.	Parameter	Unit	Concentration	Standard
1.	pH	-	6.0	**5.5 - 9.0**
2.	Total Suspended Solids	mg/l	67	**100**
3.	Oil & Grease	mg/l	<2	**10**
4.	COD	mg/l	82	**250**
5.	BOD (3 days at 27°C)	mg/l	<4	**30**

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For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. Kolkata 700107

(Authorized Signatory)

ANNEXURE-6

Ground Water Analysis Report (October - 2024 to March - 2025)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

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CIN NO : U74210WB1989PTC047403

ANX-6

MONITORING REPORT

Name of Industry	**M/s. Scania Steels & Powers Ltd. (Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address :	22 KM Stone Gharghoda Road, Vill: Punjipatra, Raigarh, Pin: 496 011
Date of Sampling	20.10.2024
Location	**(A)**Borewell-2 water (at Project Site) **(B)** Borewell water (at Punjipatra)

GROUND WATER ANALYSIS REPORT

Sl. No.	Parameter	Unit	Concentration		Standard IS:10500:2012
			(a)	(b)	
1	Colour	Hazen	<5	<5	5
2	Odour		Agreeable	Agreeable	Agreeable
3	Taste		Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	<1	<1	1
5	pH	mg/L	6.9	6.7	6.5-8.5
6	Total Dissolved Solids	mg/L	146	134	500
7	Total Hardness (as CaCO3)	mg/L	97	90	200
8	Calcium (as Ca)	mg/L	29	26	75
9	Magnessium (as Mg)	mg/L	6	6	30
10	Anionic detergents (as MBAS)	mg/L	<0.1	<0.1	0.2
11	Chloride (as Cl)	mg/L	20	15	250
12	Residual Free Chlorine	mg/L	<0.1	<0.1	0.2
13	Fluoride (as F)	mg/L	<0.1	0.17	1
14	Copper (as Cu)	mg/L	<0.05	<0.05	0.05
15	Manganese (as Mn)	mg/L	<0.05	<0.05	0.1
16	Sulphate (as SO4)	mg/L	4	<2	200
17	Nitrate (as NO3)	mg/L	2.4	2.9	45
18	Phenol Compounds (as C6H5OH)	mg/L	<0.001	<0.001	0.001
19	Mercury (as Hg)	mg/L	<0.001	<0.001	0.001
20	Cadmium (as Cd)	mg/L	<0.003	<0.003	0.003
21	Selenium (as Se)	mg/L	<0.002	<0.002	0.01
22	Arsenic (as As)	mg/L	<0.002	<0.002	0.01
23	Cyanide (as CN)	mg/L	<0.05	<0.05	0.05
24	Lead (as Pb)	mg/L	<0.01	<0.01	0.01
25	Total Chromium (Cr)	mg/L	<0.05	<0.05	0.05
26	Zinc (as Zn)	mg/L	<0.05	<0.05	5
27	Aluminium (as Al)	mg/L	<0.03	<0.03	0.03
28	Alkalinity (as CaCO3)	mg/L	100	91	200
29	Iron (as Fe)	mg/L	0.21	0.33	1.0
30	Total Coliform	MPN/100 ml	N.D.	N.D.	Shall not be detectable in any 100 ml sample
31	Fecal Coliform	MPN/100 ml	N.D.	N.D.	Shall not be detectable in any 100 ml sample
32	E.Coli	MPN/100 ml	N.D.	N.D.	Shall not be detectable in any 100 ml sample

BDL: Below Detectable Limit

For ENVIROTECH EAST (P) LTD.

(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

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CIN NO : U74210WB1989PTC047403

ANX-6

MONITORING REPORT

Name of Industry	**M/s. Scania Steels & Powers Ltd. (Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address :	22 KM Stone Gharghoda Road, Vill: Punjipatra, Raigarh, Pin: 496 011
Date of Sampling	20.11.2024
Location	**(A)**Borewell-2 water (at Project Site) **(B)** Borewell water (at Punjipatra)

GROUND WATER ANALYSIS REPORT

Sl. No.	Parameter	Unit	Concentration		Standard IS:10500:2012
			(a)	(b)	
1	Colour	Hazen	<5	<5	5
2	Odour		Agreeable	Agreeable	Agreeable
3	Taste		Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	<1	<1	1
5	pH	mg/L	7.2	7.6	6.5-8.5
6	Total Dissolved Solids	mg/L	130	142	500
7	Total Hardness (as CaCO3)	mg/L	94	106	200
8	Calcium (as Ca)	mg/L	26	30	75
9	Magnessium (as Mg)	mg/L	7	7	30
10	Anionic detergents (as MBAS)	mg/L	<0.1	<0.1	0.2
11	Chloride (as Cl)	mg/L	16	20	250
12	Residual Free Chlorine	mg/L	<0.1	<0.1	0.2
13	Fluoride (as F)	mg/L	<0.05	<0.05	1
14	Copper (as Cu)	mg/L	<0.05	<0.05	0.05
15	Manganese (as Mn)	mg/L	<0.05	<0.05	0.1
16	Sulphate (as SO4)	mg/L	2	<2	200
17	Nitrate (as NO3)	mg/L	1.1	1.8	45
18	Phenol Compounds (as C6H5OH)	mg/L	<0.001	<0.001	0.001
19	Mercury (as Hg)	mg/L	<0.001	<0.001	0.001
20	Cadmium (as Cd)	mg/L	<0.003	<0.003	0.003
21	Selenium (as Se)	mg/L	<0.002	<0.002	0.01
22	Arsenic (as As)	mg/L	<0.002	<0.002	0.01
23	Cyanide (as CN)	mg/L	<0.05	<0.05	0.05
24	Lead (as Pb)	mg/L	<0.01	<0.01	0.01
25	Total Chromium (Cr)	mg/L	<0.05	<0.05	0.05
26	Zinc (as Zn)	mg/L	<0.05	<0.05	5
27	Aluminium (as Al)	mg/L	<0.03	<0.03	0.03
28	Alkalinity (as CaCO3)	mg/L	88	100	200
29	Iron (as Fe)	mg/L	0.1	0.2	1.0
30	Total Coliform	MPN/100 ml	N.D.	N.D.	Shall not be detectable in any 100 ml sample
31	Fecal Coliform	MPN/100 ml	N.D.	N.D.	Shall not be detectable in any 100 ml sample
32	E.Coli	MPN/100 ml	N.D.	N.D.	Shall not be detectable in any 100 ml sample

BDL: Below Detectable Limit

For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. Kalikapur, Madurdaha Kolkata 700107

(Authorized Signatory)

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CIN NO : U74210WB1989PTC047403

ANX-6

MONITORING REPORT

Name of Industry	**M/s. Scania Steels & Powers Ltd. (Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address :	22 KM Stone Gharghoda Road, Vill: Punjipatra, Raigarh, Pin: 496 011
Date of Sampling	20.12.2024
Location	**(A)** Borewell-2 water (at Project Site) **(B)** Borewell water (at Punjipatra)

GROUND WATER ANALYSIS REPORT

Sl. No.	Parameter	Unit	Concentration		Standard IS:10500:2012
			(a)	(b)	
1	Colour	Hazen	<5	<5	5
2	Odour		Agreeable	Agreeable	Agreeable
3	Taste		Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	<1	<1	1
5	pH	mg/L	6.8	7.0	6.5-8.5
6	Total Dissolved Solids	mg/L	138	127	500
7	Total Hardness (as CaCO3)	mg/L	98	90	200
8	Calcium (as Ca)	mg/L	31	26	75
9	Magnessium (as Mg)	mg/L	5	6	30
10	Anionic detergents (as MBAS)	mg/L	<0.1	<0.1	0.2
11	Chloride (as Cl)	mg/L	19	14	250
12	Residual Free Chlorine	mg/L	<0.1	<0.1	0.2
13	Fluoride (as F)	mg/L	0.13	0.12	1
14	Copper (as Cu)	mg/L	<0.05	<0.05	0.05
15	Manganese (as Mn)	mg/L	<0.05	<0.05	0.1
16	Sulphate (as SO4)	mg/L	5	3	200
17	Nitrate (as NO3)	mg/L	1.7	1.1	45
18	Phenol Compounds (as C6H5OH)	mg/L	<0.001	<0.001	0.001
19	Mercury (as Hg)	mg/L	<0.001	<0.001	0.001
20	Cadmium (as Cd)	mg/L	<0.003	<0.003	0.003
21	Selenium (as Se)	mg/L	<0.002	<0.002	0.01
22	Arsenic (as As)	mg/L	<0.002	<0.002	0.01
23	Cyanide (as CN)	mg/L	<0.05	<0.05	0.05
24	Lead (as Pb)	mg/L	<0.01	<0.01	0.01
25	Total Chromium (Cr)	mg/L	<0.05	<0.05	0.05
26	Zinc (as Zn)	mg/L	<0.05	<0.05	5
27	Aluminium (as Al)	mg/L	<0.03	<0.03	0.03
28	Alkalinity (as CaCO3)	mg/L	95	86	200
29	Iron (as Fe)	mg/L	0.17	0.18	1.0
30	Total Coliform	MPN/100 ml	N.D.	N.D.	Shall not be detectable in any 100 ml sample
31	Fecal Coliform	MPN/100 ml	N.D.	N.D.	Shall not be detectable in any 100 ml sample
32	E.Coli	MPN/100 ml	N.D.	N.D.	Shall not be detectable in any 100 ml sample

BDL: Below Detectable Limit

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MONITORING REPORT

Name of Industry	**M/s. Scania Steels & Powers Ltd. (Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address :	22 KM Stone Gharghoda Road, Vill: Punjipatra, Raigarh, Pin: 496 011
Date of Sampling	20.01.2025
Location	**(A)**Borewell-2 water (at Project Site) **(B)** Borewell water (at Punjipatra)

GROUND WATER ANALYSIS REPORT

Sl. No.	Parameter	Unit	Concentration		Standard IS:10500:2012
			(a)	(b)	
1	Colour	Hazen	<5	<5	**5**
2	Odour		Agreeable	Agreeable	Agreeable
3	Taste		Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	<1	<1	1
5	pH	mg/L	7.1	7.1	6.5-8.5
6	Total Dissolved Solids	mg/L	119	128	500
7	Total Hardness (as CaCO3)	mg/L	92	97	200
8	Calcium (as Ca)	mg/L	30	32	75
9	Magnessium (as Mg)	mg/L	4	4	30
10	Anionic detergents (as MBAS)	mg/L	<0.1	<0.1	0.2
11	Chloride (as Cl)	mg/L	13	16	250
12	Residual Free Chlorine	mg/L	<0.1	<0.1	0.2
13	Fluoride (as F)	mg/L	<0.05	<0.05	1
14	Copper (as Cu)	mg/L	<0.05	<0.05	0.05
15	Manganese (as Mn)	mg/L	<0.05	<0.05	0.1
16	Sulphate (as SO4)	mg/L	<2	<2	200
17	Nitrate (as NO3)	mg/L	1.5	1.7	45
18	Phenol Compounds (as C6H5OH)	mg/L	<0.001	<0.001	0.001
19	Mercury (as Hg)	mg/L	<0.001	<0.001	0.001
20	Cadmium (as Cd)	mg/L	<0.003	<0.003	0.003
21	Selenium (as Se)	mg/L	<0.002	<0.002	0.01
22	Arsenic (as As)	mg/L	<0.002	<0.002	0.01
23	Cyanide (as CN)	mg/L	<0.05	<0.05	0.05
24	Lead (as Pb)	mg/L	<0.01	<0.01	0.01
25	Total Chromium (Cr)	mg/L	<0.05	<0.05	0.05
26	Zinc (as Zn)	mg/L	<0.05	<0.05	5
27	Aluminium (as Al)	mg/L	<0.03	<0.03	0.03
28	Alkalinity (as CaCO3)	mg/L	79	87	200
29	Iron (as Fe)	mg/L	0.11	0.1	1.0
30	Total Coliform	MPN/100 ml	N.D.	N.D.	**Shall not be detectable in any 100 ml sample**
31	Fecal Coliform	MPN/100 ml	N.D.	N.D.	**Shall not be detectable in any 100 ml sample**
32	E.Coli	MPN/100 ml	N.D.	N.D.	**Shall not be detectable in any 100 ml sample**

BDL: Below Detectable Limit

For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. 100, Kalikapur, Madurdaha Kolkata 700107

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CIN NO : U74210WB1989PTC047403

ANX-6

MONITORING REPORT

Name of Industry	**M/s. Scania Steels & Powers Ltd. (Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address :	22 KM Stone Gharghoda Road, Vill: Punjipatra, Raigarh, Pin: 496 011
Date of Sampling	20.02.2025
Location	**(A)**Borewell-2 water (at Project Site) **(B)** Borewell water (at Punjipatra)

GROUND WATER ANALYSIS REPORT

Sl. No.	Parameter	Unit	Concentration		Standard IS:10500:2012
			(a)	(b)	
1	Colour	Hazen	<5	<5	**5**
2	Odour		Agreeable	Agreeable	Agreeable
3	Taste		Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	<1	<1	1
5	pH	mg/L	7.4	7.0	6.5-8.5
6	Total Dissolved Solids	mg/L	142	133	500
7	Total Hardness (as CaCO3)	mg/L	113	102	200
8	Calcium (as Ca)	mg/L	32	26	75
9	Magnessium (as Mg)	mg/L	8	9	30
10	Anionic detergents (as MBAS)	mg/L	<0.1	<0.1	0.2
11	Chloride (as Cl)	mg/L	17	20	250
12	Residual Free Chlorine	mg/L	<0.1	<0.1	0.2
13	Fluoride (as F)	mg/L	0.17	<0.05	1
14	Copper (as Cu)	mg/L	<0.05	<0.05	0.05
15	Manganese (as Mn)	mg/L	<0.05	<0.05	0.1
16	Sulphate (as SO4)	mg/L	4	<2	200
17	Nitrate (as NO3)	mg/L	1.4	1.3	45
18	Phenol Compounds (as C6H5OH)	mg/L	<0.001	<0.001	0.001
19	Mercury (as Hg)	mg/L	<0.001	<0.001	0.001
20	Cadmium (as Cd)	mg/L	<0.003	<0.003	0.003
21	Selenium (as Se)	mg/L	<0.002	<0.002	0.01
22	Arsenic (as As)	mg/L	<0.002	<0.002	0.01
23	Cyanide (as CN)	mg/L	<0.05	<0.05	0.05
24	Lead (as Pb)	mg/L	<0.01	<0.01	0.01
25	Total Chromium (Cr)	mg/L	<0.05	<0.05	0.05
26	Zinc (as Zn)	mg/L	<0.05	<0.05	5
27	Aluminium (as Al)	mg/L	<0.03	<0.03	0.03
28	Alkalinity (as CaCO3)	mg/L	92	86	200
29	Iron (as Fe)	mg/L	0.23	0.16	1.0
30	Total Coliform	MPN/100 ml	N.D.	N.D.	**Shall not be detectable in any 100 ml sample**
31	Fecal Coliform	MPN/100 ml	N.D.	N.D.	**Shall not be detectable in any 100 ml sample**
32	E.Coli	MPN/100 ml	N.D.	N.D.	**Shall not be detectable in any 100 ml sample**

BDL: Below Detectable Limit

For ENVIROTECH EAST (P) LTD.

(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognized by MoEF&CC, Govt. of India
- Laboratory Recognized by WBPCB
- Accredited EIA Consultant by QCI-NABET

100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India
☎ – + 91 33 2443 8127/8128 ; + 91 33 4063 5011; email: eeplkol@gmail.com; eeplkol2@gmail.com
CIN NO : U74210WB1989PTC047403

ANX-6

MONITORING REPORT

Name of Industry	**M/s. Scania Steels & Powers Ltd. (Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address :	22 KM Stone Gharghoda Road, Vill: Punjipatra, Raigarh, Pin: 496 011
Date of Sampling	20.03.2025
Location	**(A)**Borewell-2 water (at Project Site) **(B)** Borewell water (at Punjipatra)

GROUND WATER ANALYSIS REPORT

Sl. No.	Parameter	Unit	Concentration		Standard IS:10500:2012
			(a)	(b)	
1	Colour	Hazen	<5	<5	**5**
2	Odour		Agreeable	Agreeable	Agreeable
3	Taste		Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	<1	<1	1
5	pH	mg/L	7.4	7.2	6.5-8.5
6	Total Dissolved Solids	mg/L	152	145	500
7	Total Hardness (as CaCO3)	mg/L	108	98	200
8	Calcium (as Ca)	mg/L	30	31	75
9	Magnessium (as Mg)	mg/L	8	5	30
10	Anionic detergents (as MBAS)	mg/L	<0.1	<0.1	0.2
11	Chloride (as Cl)	mg/L	18	22	250
12	Residual Free Chlorine	mg/L	<0.1	<0.1	0.2
13	Fluoride (as F)	mg/L	0.11	0.11	1
14	Copper (as Cu)	mg/L	<0.05	<0.05	0.05
15	Manganese (as Mn)	mg/L	<0.05	<0.05	0.1
16	Sulphate (as SO4)	mg/L	4	6	200
17	Nitrate (as NO3)	mg/L	1.9	2.3	45
18	Phenol Compounds (as C6H5OH)	mg/L	<0.001	<0.001	0.001
19	Mercury (as Hg)	mg/L	<0.001	<0.001	0.001
20	Cadmium (as Cd)	mg/L	<0.003	<0.003	0.003
21	Selenium (as Se)	mg/L	<0.002	<0.002	0.01
22	Arsenic (as As)	mg/L	<0.002	<0.002	0.01
23	Cyanide (as CN)	mg/L	<0.05	<0.05	0.05
24	Lead (as Pb)	mg/L	<0.01	<0.01	0.01
25	Total Chromium (Cr)	mg/L	<0.05	<0.05	0.05
26	Zinc (as Zn)	mg/L	<0.05	<0.05	5
27	Aluminium (as Al)	mg/L	<0.03	<0.03	0.03
28	Alkalinity (as CaCO3)	mg/L	108	8	200
29	Iron (as Fe)	mg/L	0.19	0.22	1.0
30	Total Coliform	MPN/100 ml	N.D.	N.D.	**Shall not be detectable in any 100 ml sample**
31	Fecal Coliform	MPN/100 ml	N.D.	N.D.	**Shall not be detectable in any 100 ml sample**
32	E.Coli	MPN/100 ml	N.D.	N.D.	**Shall not be detectable in any 100 ml sample**

BDL: Below Detectable Limit

For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. 100, Kalikapur, Madurdaha Kolkata 700107

(Authorized Signatory)

ANNEXURE-7

Noise Level Monitoring Report
(October - 2024 to March - 2025)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- **Laboratory Recognized by MoEF&CC, Govt. of India**
- **Laboratory Recognized by WBPCB**
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100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

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CIN NO : U74210WB1989PTC047403

ANX-7

NOISE LEVEL MONITORING REPORT

Name of Industry	**M/s. Scania Steels & Powers Ltd.** **(Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address :	22 KM Stone Gharghoda Road, Vill: Punjipatra, Raigarh, Pin: 496 011
Date of Monitoring	18.10.2024

MONITORING REPORT

Sl. No.	Location	Noise Level in L_{eq} dB (A)	
		DAY TIME	NIGHT TIME
1.	In between DRI plant 1&2 and 3&4	**68.9**	**58.2**
2.	Near ADM Building	**62.3**	**54.2**
3.	Near Main Gate	**64.4**	**54.9**
4.	Near DRI Control Room	**69.1**	**58.6**
5.	Samaruma Village	**59.8**	**48.5**
6.	Panjipatra Village	**60.4**	**46.4**
7.	Parkipahari Village	**56.8**	**44.8**
8.	Near Raw Material Area	**69.2**	**57.2**

For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. Kalikapur, Madurdaha Kolkata 700107

(Authorized Signatory)

Envirotech East Pvt. Limited
An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company
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CIN NO : U74210WB1989PTC047403

ANX-7

NOISE LEVEL MONITORING REPORT

Name of Industry	**M/s. Scania Steels & Powers Ltd.** **(Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address :	22 KM Stone Gharghoda Road, Vill: Punjipatra, Raigarh, Pin: 496 011
Date of Monitoring	20.11.2024

MONITORING REPORT

Sl. No.	Location	Noise Level in L_{eq} dB (A)	
		DAY TIME	NIGHT TIME
1.	In between DRI plant 1&2 and 3&4	**70.1**	**59.2**
2.	Near ADM Building	**61.4**	**50.8**
3.	Near Main Gate	**65.2**	**53.1**
4.	Near DRI Control Room	**71.3**	**60.4**
5.	Samaruma Village	**60.5**	**47.9**
6.	Panjipatra Village	**63.1**	**49.8**
7.	Parkipahari Village	**58.6**	**46.1**
8.	Near Raw Material Area	**68.7**	**58.5**

For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. 100, Kalikapur, Madurdaha Kolkata 700107

(Authorized Signatory)

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ANX-7

NOISE LEVEL MONITORING REPORT

Name of Industry	**M/s. Scania Steels & Powers Ltd.** **(Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address :	22 KM Stone Gharghoda Road, Vill: Punjipatra, Raigarh, Pin: 496 011
Date of Monitoring	15.12.2024

MONITORING REPORT

Sl. No.	Location	Noise Level in L_{eq} dB (A)	
		DAY TIME	NIGHT TIME
1.	In between DRI plant 1&2 and 3&4	**72.0**	**58.2**
2.	Near ADM Building	**63.2**	**55.4**
3.	Near Main Gate	**66.5**	**57.2**
4.	Near DRI Control Room	**73.4**	**61.2**
5.	Samaruma Village	**61.3**	**49.4**
6.	Panjipatra Village	**65.0**	**50.7**
7.	Parkipahari Village	**59.2**	**48.1**
8.	Near Raw Material Area	**70.6**	**59.5**

For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. Kolkata 700107

(Authorized Signatory)

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ANX-7

NOISE LEVEL MONITORING REPORT

Name of Industry	**M/s. Scania Steels & Powers Ltd.** **(Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address :	22 KM Stone Gharghoda Road, Vill: Punjipatra, Raigarh, Pin: 496 011
Date of Monitoring	20.01.2025

MONITORING REPORT

Sl. No.	Location	Noise Level in L_{eq} dB (A)	
		DAY TIME	NIGHT TIME
1.	In between DRI plant 1&2 and 3&4	**68.3**	**57.9**
2.	Near ADM Building	**62.3**	**51.1**
3.	Near Main Gate	**64.1**	**52.3**
4.	Near DRI Control Room	**70.7**	**62.1**
5.	Samaruma Village	**58.8**	**46.2**
6.	Panjipatra Village	**60.4**	**47.8**
7.	Parkipahari Village	**57.5**	**45.2**
8.	Near Raw Material Area	**69.6**	**55.4**

For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. 100, Kalikapur, Madurdaha Kolkata 700107

(Authorized Signatory)

Envirotech East Pvt. Limited

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CIN NO : U74210WB1989PTC047403

ANX-7

NOISE LEVEL MONITORING REPORT

Name of Industry	**M/s. Scania Steels & Powers Ltd.** **(Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address :	22 KM Stone Gharghoda Road, Vill: Punjipatra, Raigarh, Pin: 496 011
Date of Monitoring	10.02.2025

MONITORING REPORT

Sl. No.	**Location**	**Noise Level in L_{eq} dB (A)**	
		DAY TIME	**NIGHT TIME**
1.	In between DRI plant 1&2 and 3&4	**70.5**	**57.0**
2.	Near ADM Building	**63.1**	**46.9**
3.	Near Main Gate	**65.5**	**49.1**
4.	Near DRI Control Room	**71.1**	**58.5**
5.	Samaruma Village	**58.5**	**46.7**
6.	Panjipatra Village	**62.4**	**48.8**
7.	Parkipahari Village	**58.4**	**46.0**
8.	Near Raw Material Area	**67.5**	**58.4**

For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. Kalikapur, Madurdaha Kolkata 700107

(Authorized Signatory)

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CIN NO : U74210WB1989PTC047403

ANX-7

NOISE LEVEL MONITORING REPORT

Name of Industry	**M/s. Scania Steels & Powers Ltd.** **(Formerly Known as Sidhi Vinayak Sponge Iron Pvt. Ltd.)**
Address :	22 KM Stone Gharghoda Road, Vill: Punjipatra, Raigarh, Pin: 496 011
Date of Monitoring	15.03.2025

MONITORING REPORT

Sl. No.	Location	Noise Level in L_{eq} dB (A)	
		DAY TIME	NIGHT TIME
1.	In between DRI plant 1&2 and 3&4	**71.1**	**62.2**
2.	Near ADM Building	**63.2**	**54.1**
3.	Near Main Gate	**64.3**	**53.9**
4.	Near DRI Control Room	**69.9**	**60.2**
5.	Samaruma Village	**57.9**	**44.6**
6.	Panjipatra Village	**58.8**	**46.3**
7.	Parkipahari Village	**59.2**	**44.2**
8.	Near Raw Material Area	**71.8**	**63.2**

For ENVIROTECH EAST (P) LTD.

ENVIROTECH EAST PVT. LTD. 100, Kalikapur, Madurdaha Kolkata 700107

(Authorized Signatory)

ANNEXURE- 8

ADVERTISEMENT ON LOCAL NEWSPAPERS FOR EC

ADVERTISEMENT ON LOCAL NEWSPAPERS FOR EC

ISPAT TIMES 10.08.2018

आम सूचना

सर्व साधारण को सूचित किया जाता है कि भारत सरकार पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय नई दिल्ली के द्वारा पत्र क्रमांक **J110011/1267/2007-IA.II(I)** दिनांक 07 अगस्त 2018 के द्वारा हमारे प्लांट मेसर्स स्केनिया स्टील एंड पावर लिमिटेड, रायगढ़ इंटिग्रेटेड स्टील प्लांट केप्टीव पॉवर प्लांट (स्पंज ऑयरन प्लांट 200 टी.पी.डी. स्टील मेल्टींग शॉप-135000 टी.पी.ए. एवं वेस्ट हीट रिकव्हरी बॉयलर -8 मेगावॉट) को क्षमता विस्तार के तहत पर्यावरणीय स्वीकृति जारी की गई है, जो कि पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय के वेबसाईट में **http://envfor.nic.in** भी उपलब्ध है एवं छत्तीसगढ़ पर्यावरण संरक्षण मंडल में उपलब्ध है।

मे.स्केनिया स्टील एंड पावर लिमिटेड

22 कि.मी.स्टोन

घरघोड़ा रोड, पूंजीपथरा

जिला-रायगढ़ (छ.ग.)496011

स्थान में जगह बनाने अपनी

आम सूचना

सर्व साधारण को सूचित किया जाता है कि भारत सरकार पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय नई दिल्ली के द्वारा पत्र क्रमांक J-11011/1267/2007-IA.II(I) दिनांक 07 अगस्त 2018 के द्वारा हमारे प्लांट मेसर्स स्केनिया स्टील एंड पॉवर लिमिटेड, रायगढ़ इंटिग्रेटेड स्टील प्लांट केप्टीव पॉवर प्लांट (स्पंज ऑयरन प्लांट 200 टी.पी.डी. स्टील मेल्टींग शॉप-135000 टी.पी.ए. एवं वेस्ट हीट रिकव्हरी बॉयलर -8 मेगावॉट) को क्षमता विस्तार के तहत् पर्यावरणीय स्वीकृति जारी की गई है, जो कि पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय के वेबसाईट http://envfor.nic.in में भी उपलब्ध है एवं छत्तीसगढ़ पर्यावरण संरक्षण मंडल में उपलब्ध है।

मे. स्केनिया स्टील एंड पावर लिमिटेड

22 कि.मी. स्टोन

घरघोड़ा रोड, पूंजीपथरा

जिला-रायगढ़ (छ.ग.) 496011

जनकर्म मध्य

The entire page of the newspaper containing the advertisement

(जनकर्म 04) रायगढ़, शुक्रवार 10 अगस्त 2018

किसे मिलेगा टिकट यह वक्त तय करेगा

विधायक प्रत्याशी के लिए चालीस कांग्रेसियों ने भरा फार्म

तीन ब्लाक से भी जमा किया आवेदन

पुसौर ब्लॉक से दिलीप पाँडे, वासु यादव, लल्लू सिंह, परदेशी चौहान, सफेद गुप्ता ने आवेदन जमा किया। सरिया ब्लॉक से प्रकाश नायक, रामलाल पटेल व ब्लॉक ग्रामीण रायगढ़ से पूर्व शहर कांग्रेस कमेटी अध्यक्ष नगेन्द्र नेगी ने भी विधायक पद के दावेदारी के लिए फार्म भरा है। जानकारों का कहना है कि दावेदारी करने वाले प्रत्याशियों के द्वारा अपने पक्ष में लोगों को करने के लिए प्रयास भी शुरू कर दिए हैं।

टिकट के लिए कांग्रेस में मचा है घमासान, दावेदार लगा रहे हैं अपना अपना जोर

रायगढ़ (9 अगस्त)। विधानसभा रायगढ़ में कांग्रेस पार्टी की टिकट के लिए वरिष्ठ व कनिष्ठ कांग्रेसी नेताओं ने अपनी जोरअजमाईश शुरू कर दी है। चालिस कांग्रेसियों ने विधायक की दावेदारी के लिए अपना आवेदन फार्म जमा किया है, लेकिन किसे टिकट मिलेगा, अभी यह कहना मुश्किल है और इसका फैसला आने वाला समय करेगा। फिलहाल कांग्रेस में टिकट के लिए घमासान मचा हुआ है।

विधानसभा चुनाव धीरे-धीरे नजदीक आते जा रहा है। वैसे-वैसे कांग्रेस पार्टी में गुटबाजी भी कई जगह देखने को मिल रही है। हांलाकि कांग्रेस के नेता गुटबाजी जैसी बातों से इंकार कर रहे हैं। कांग्रेसी अपने दावेदारों को विधायक का टिकट दिलाने के लिए भी लग गए हैं। इस बार कांग्रेस से विधायक की दावेदारी के लिए चालिस कांग्रेसियों ने आवेदन जमा किया है। जानकारों ने बताया कि इसमें 31 रायगढ़ शहर, एक ग्रामीण ब्लॉक, पांच पुसौर व तीन सरिया ब्लॉक से कांग्रेसियों ने विधायक के दावेदारी के लिए अपना आवेदन भरा है। वहीं आवेदन जमा करने के बाद अपने पक्ष को मजबूत करने के लिए भी कांग्रेसी नेता लग गए हैं, लेकिन कांग्रेस से रायगढ़ विधानसभा के लिए किसे टिकट मिलेगा, यह बात अभी भविष्य के गर्भ में है।

रायगढ़ से इन्होने दावेदारी के लिए भरा फार्म

कांग्रेस से रायगढ़ विधानसभा के लिए चालिस कांग्रेसियों ने आवेदन जमा किया है। इसमें रायगढ़ शहर से राजेन्द्र अग्रवाल, कृष्ण कुमार गुप्ता, अनिल अग्रवाल, जयंत बोहिदार, हरमीत घई, प्रदीप मिश्रा, संदीप अग्रवाल, खुशीराम मलहोत्रा, मुरलीधर अग्रवाल, जगदीश मेहर, राजकिशोर मिश्रा, कृष्णा पटेल, शंकर अग्रवाल, मनोरंजन नायक, राकेश पांडे, जयेश जैन, दिपक कुमार, बरखा सिंह, दीपक पांडे, हेमंत यादव, हरेराम तिवारी, हेमंत थवाईत, असरफ खान, कामता पटेल, संतोष राय, तपन घोष, अजहर हुसैन, यतिश गांधी, शेख ताजिम, सलिम नियारिया ने आवेदन जमा किया है।

बरमकेला भाजयुमो की बैठक सम्पन्न

प्रदेश कार्यसमिति सदस्य व विधायक केराबाई मनहर भाजयुमो मंडल प्रभारी हुई शामिल

बरमकेला (9 अगस्त)। भारतीय जनता युवा मोर्चा मण्डल बरमकेला की कामकाजी बैठक स्थानीय रेस्ट हाऊस में रखी गई जिसमें प्रदेश युवा मोर्चा के कार्यसमिति सदस्य संतोष दास विधायक केराबाई मनहर, मंडल अध्यक्ष मोहन नायक, मंडल महामंत्री गजानन्द मडतिया, भाजयुमो उपाध्यक्ष मनीष नायक, प्रकाश अग्रवाल, देवेन्द रात्रे, मंडल प्रभारी संगीत सिह ठाकुर पुनीराम चौहान, अजय नायक, मंडल अध्यक्ष तरूण अग्रवाल महामंत्री राजकिशोर पटेल उपाध्यक्ष संतोष पटेल, हरनारायण नायक, मंत्री अरविन्द पटेल, रोहित पन्डा, कोषाध्यक्ष बैजनाथ साहू, सोशल मीडिया रूपेश नायक, किरण नायक, सीधान्त महत, कमल साहू, चैतन्य दास, दिनेश पटेल, राजेश पटेल, वरूण नायक,

मोहन पेवरा, प्रकाश सिदार, देव जयसवाल, सुनील नायक, डेविड शर्मा, दानिश रगरेज, हेमान्नद नायक, सहित पार्टी के सैकड़ों कार्यकर्त्ता मौजूद थे'। संपर्क फॉर समर्थन हेतु बरमकेला के डॉ. मिश्रा, डॉ. राजेश पटेल से मिलकर योजनओं की जानकारी दी ।

सारंगढ़ एवं रायगढ़ क्षेत्र में तीन लोगों की असामयिक मृत्यु,वारिसानों को मिली 4.4 लाख रु.की सहायता राशि

रायगढ़ 9 अगस्त 2018। अनुविभागीय अधिकारी राजस्व सारंगढ़ एवं रायगढ़ की अनुशंसा पर सारंगढ़ एवं रायगढ़ अनुविभाग के 3 लोगों की असामयिक मृत्यु होने पर राजस्व पुस्तक परिपत्र 6.4 के तहत मृतक के वारिसानों को 4.4 लाख रुपए की वित्तीय सहायता अनुदान राशि स्वीकृत की गई है।

अपर कलेक्टर रायगढ़ से प्राप्त जानकारी के अनुसार तहसील सारंगढ़ के ग्राम परसदा छोटे के रामप्रसाद बरिहा की 16 मार्च 2018 को पानी में डूबने से मृत्यु होने पर उनकी पत्नी श्रीमती सेतो सिदार को 4 लाख रुपएए ग्राम खम्हारपाली के बेलमति की 16 सितम्बर 2017 को सर्पदंश से मृत्यु होने पर उनके पति भजेराम को 4 लाख रुपए एवं तहसील रायगढ़ के चक्रधर नगर निवासी समारू खडिया की 13 जून 2016 को सर्पदंश से मृत्यु होने पर उनकी पत्नी श्रीमती सुकांति खडिया को 4 लाख रुपए की वित्तीय सहायता अनुदान राशि स्वीकृत की गई है।

युवा कलमकार की खोज के ग्रैंड फिनाले में सम्मानित हुए जिले के साहित्यकार

रायगढ़ (9 अगस्त)। छत्तीसगढ़ राज्य युवा आयोग के सहयोग से श्री साईनाथ फॉउंडेशन द्वारा प्रदेशस्तरीय युवा कलमकार की खोज स्पर्धा का शानदार आयोजन किया गया था।

राजधानी रायपुर में हुए प्रतिस्पोगिता के फाइनल में राज्य युवा आयोग के अध्यक्ष बस्तर महाराज श्री कमल चंद भंजदेव जी मुख्यअतिथि के रूप में मौजूद रहे। श्री भंजदेव ने इस प्रतियोगिता में अपनी भागीदारी प्रस्तुतियाँ दी। निर्णायक की भूमिका मीर अली मीर, उर्मिला देवी उर्मि, शाद बिलासपुरी, ममता अधिकारी, विजय राठौ ? व अजय अटपटू जैसी साहित्य की बड़ी शख्शियतों ने निभाई।

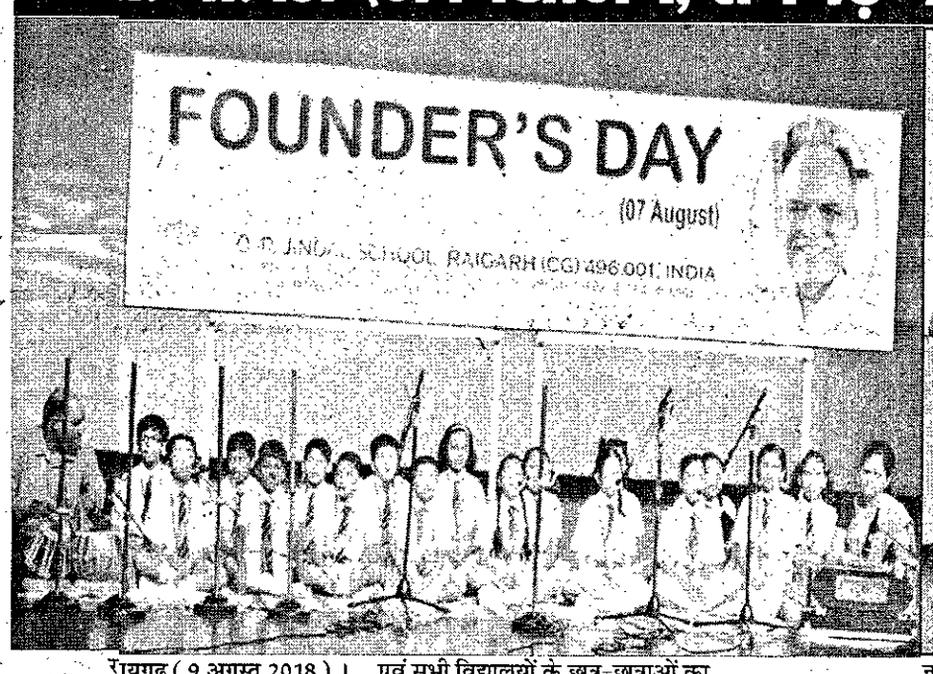
प्रदीप और अमित सहित जिले के रचनाकार हुए सम्मानित

रायगढ़ जिले की प्रतिनिधित्व करने वाले युवाओं ने भी दमदार प्रस्तुति दी और उस अवसर पर जिला प्रभारी प्रदीप ग ?उमरिया और अमित दुबे को

अर्जित करने वाले रायगढ़ जिले के युवा साहित्यकारों को भी प्रमाण पत्र देकर सम्मान किया गया। कार्यक्रम के विशिष्टअतिथि उर्दू अकादमी उपाध्यक्ष नज़मा अज़ीम खान, विशेष अतिथि स्वराज एक्सप्रेस राज्य प्रमुख नमित जैन व जनकवि मीर अली मीर रहे. गौरतलब है कि युवा कलमकार की खोज के तहत पिछले दिनों राज्य के विभिन्न जिलों में ऑडिशन की श्रृंखला आयोजित की गई थी, जहाँ हजारों की संख्या में युवा रचनाकारों ने अपनी प्रतिभा का प्रदर्शन किया. जिले से चयनित 116 प्रतिभागियों ने प्रथम 10 स्थान में जगह बनाने अपनी आयोग अध्यक्ष बस्तर महाराज श्री कमलचंद भंजदेव ने प्रशस्ति पत्र देकर सम्मानित किया। कार्यक्रम के दौरान रायगढ़ से बबीता पटेल, हर्षपाल सिंह, चंद्रसेन मिश्रा, अंकित बिश्वाल,तेजराम नायक जी को अतिथियों द्वारा प्रशस्ति पत्र देकर सम्मानित किया। मुख्य अतिथि श्री भंजदेव ने प्रदेश के युवाओं के सर्वांगीण विकास के अपने संकल्प को दोहराया व शानदार कार्यक्रम की तारीफ की.अंत में मशहूर रंग निर्देशक आचार्य रंजन मोड़क ने कार्यक्रम के समापन की घोषणा करते हुए आभार प्रदर्शन किया.

संस्थापक दिवस पर याद किये गये 'बाबूजी'

ओ. पी. जिंदल विद्यालय, रायगढ़ में विविध कार्यक्रमों का आयोजन



रायगढ़ (9 अगस्त 2018)। ओ. पी. जिंदल विद्यालय ने अपने संस्थापक स्व. ओम प्रकाश जिंदल (बाबूजी) की पावन स्मृति में अंतर्विद्यालयीन निबंध, चित्रकला, समूह गान, वाद-विवाद के साथ ही फुटबाल प्रतियोगिता का आयोजन किया गया। आयोजित कार्यक्रमों की श्रृंखला में रायगढ़ से जिंदल आदर्श ग्राम्य भारती स्कूल, किरोड़ीमलनगर, मोनेट डी.ए.व्ही. पब्लिक स्कूल, नहरपाली, डी.ए.व्ही., छाल, सेंट माइकल स्कूल, महर्षि विद्या मंदिर, आर्यन वर्ल्ड स्कूल, जवाहर नवोदय विद्यालय, साधुराम विद्या मंदिर, सरस्वती शिशु मंदिर, लक्ष्मीपुर, सर्वोदय पब्लिक स्कूल, चंद्रपुर, आदर्श बाल मंदिर, रायगढ़, ओ. पी. जिंदल स्कूल, तमनार, तराईमाल, कुंजेमुरा एवं अंगुल तथा सेंट जॉन्स अंग्रेजी माध्यम स्कूल, खरसिया के विद्यार्थी शामिल हुए थे। कार्यक्रम की शुरुआत श्रद्धेय बाबूजी को श्रद्धा सुमन अर्पित करते हुए स्वागत गीत के साथ हुई। उपस्थित निर्णायकों एवं सभी विद्यालयों के छात्र-छात्राओं का अभिनंदन करते हुए विद्यालय के प्राचार्य श्री आर. के. त्रिवेदी ने सभी प्रतिभागियों को शुभकामनाएँ दीं।अंतर्शालेय निबंध प्रतियोगिता में प्रथम रिया राजपूत (महर्षि विद्या मंदिर, रायगढ़), द्वितीय प्रियांशी दिनकर (ओपीजेएस, अंगुल), तृतीय सुषमा चौहान (प्रज्ञा विद्या मंदिर, बोईरदादर), एवं सांत्वना पुरस्कार अभिषेक राज (जिंदल आदर्श ग्राम्य भारती स्कूल, किरोड़ीमलनगर, रायगढ़) ने प्राप्त किया। इसी प्रकार चित्रकला प्रतियोगिता का प्रथम पुरस्कार कनिष्ठ समूह में गार्गी मोहंती, (ओपीजेएस, अंगुल), द्वितीय पुरस्कार कशीश नाज (मोनेट डी.ए.व्ही. पब्लिक स्कूल, नहरपाली), तृतीय पुरस्कार अस्मिता महाना, (ओपीजेएस, अंगुल) तथा सांत्वना पुरस्कार लोकेश पटेल (मोनेट डी.ए.व्ही. पब्लिक स्कूल, नहरपाली) एवं वरिष्ठ समूह में दीपक बारिक (ओपीजेएस, तमनार), द्वितीय पुरस्कार सुमन सिंह (मोनेट डी.ए.व्ही. पब्लिक स्कूल, नहरपाली), तृतीय पुरस्कार राखी यादव (महर्षि विद्या मंदिर, रायगढ़) तथा सांत्वना पुरस्कार आशीष पटेल (मोनेट डी.ए.व्ही. पब्लिक स्कूल, नहरपाली) को प्रदान किया गया। समूह गान प्रतियोगिता में प्रथम ओ. पी. जिंदल स्कूल, तमनार, द्वितीय मोनेट डी.ए.व्ही. स्कूल, नहरपाली, तृतीय स्थान ओ. पी. जिंदल स्कूल, तरईमाल एवं सांत्वना पुरस्कार (जिंदल आदर्श ग्राम्य भारती स्कूल, किरोड़ीमलनगर, रायगढ़) ने हासिल किया। वाद-विवाद प्रतियोगिता में प्रथम पुरस्कार श्रेयस कार्तिकेय (ओपीजेएस, अंगुल), द्वितीय पुरस्कार किरण पाण्डेय (जिंदल आदर्श ग्राम्य भारती स्कूल, किरोड़ीमलनगर, रायगढ़), तृतीय पुरस्कार हर्षवर्धन मिश्रा (सरस्वती शिशु मंदिर, रायगढ़) एवं सांत्वना पुरस्कार प्रणव कुमार तिवारी (डी.ए.व्ही. छाल) को प्रदान किया गया। इस कार्यक्रम के निर्णायक मंडल में श्री शशीप्रकाश पाण्डेय, श्रीमती आशा त्रिपाठी, श्री रमाशंकर शुक्ला एवं श्री ऋषि दुबे थे।

चार दिवसीय अंतर्शालेय फुटबाल प्रतियोगिता के फाइनल मैच में ओ. पी. जिंदल विद्यालय, रायगढ़ ने इस बार अपने प्रतिद्वंद्वी टीम गार्जियन एंड गाइड स्कूल, रायगढ़ को 6-1 से परास्त कर चैम्पियंस ट्राफी पर अपना कब्जा एक बार फिर से स्थापित किया। इस संबंध में प्रतियोगिता के कार्यक्रम सचिव स्कारिया वर्गीस ने जानकारी देते हुए बताया कि हमारे विद्यालय की फुटबाल टीम अपना श्रेष्ठतम प्रदर्शन कर उक्त प्रतियोगिता में चैंपियन रही है। प्रतियोगिता में कुल तेरह टीमों ने हिस्सा लिया था। जेम्स वर्गीस, सेलु राव एवं शारदा गहलोत इस मैच के रेफ्री थे। अंत में ओ. पी. जिंदल विद्यालय के छात्रों में सर्वश्रेष्ठ गोलकीपर अनुराग राय, बेस्ट स्ट्राइकर सूर्यांश शर्मा, बेस्ट डिफेन्डर योगेश वर्मा, मैन ऑफ द फाइनल मैच एनोश मार्टिन व प्लेयर ऑफ द टूर्नामेंट हिमांशु बर्सीवाल रहे। वहीं सर्वश्रेष्ठ बेस्ट मिडफील्डर का खिताब गार्जियन एंड गाइड स्कूल, रायगढ़ के जॉनसन खेस के नाम रहा। जिंदल स्टील एंड पावर लिमिटेड, रायगढ़ के कार्यपालक निदेशक श्री डी. के. सरावगी द्वारा विद्यालय परिसर में सभी विजेताओं को आयोजित गरिमामय समापन समारोह में पुरस्कृत किया गया।

विद्यालय के प्रेक्षागृह में पूजनीय बाबूजी के स्मरण में भजन संध्या का आयोजन किया गया था। कार्यक्रम की शुरुआत जिंदल स्टील एंड पावर लिमिटेड के कार्यपालक निदेशक श्री डी. के. सरावगी, श्रीमती सुजाता सरावगी एवं श्री आर. के. त्रिवेदी द्वारा दीप प्रज्ज्वलन एवं पुष्पांजलि के साथ की गई। इसके पश्चात् पूजनीय बाबूजी के जीवन का संक्षिप्त परिचय विद्यालय के शिक्षक श्री सुभाष कुमार द्वारा दिया गया एवं भजनों की प्रस्तुति की गई। अंत में विद्यालय के संगीत शिक्षक श्री जी. डी. महंत द्वारा धन्यवाद ज्ञापन किया गया।

न्यायालय अनुविभागीय अधिकारी (रा.), रायगढ़ (छत्तीसगढ़)

रा.प्र.क्र. /अ-2/2017-18
ग्राम-बांजीपाली, प.ह.नं. 29

:: उद्घोषणा ::

एतद् द्वारा आम जनता को सूचित किया जाता है कि,आवेदिका नीतू सिंह पति- मृत्युंजय सिंह, निवासी- फटहामुड़ा, वार्ड नं. 33, रायगढ़ तहसील व जिला रायगढ़ (छ.ग.) ने अपने भूमिस्वामी हक एवं अधिकार की ग्राम-बांजीपाली, प.ह.नं. 29, तहसील व जिला रायगढ़ (छ.ग.) में स्थित भूमि ख.नं. 98/1क/5 हे. रकबा 0.028 हे. को धारा 172 छ.ग. भू-राजस्व संहिता 1959 के तहत आवसीय प्रयोजनार्थ कर निर्धारण हेतु आवेदन पत्र प्रस्तुत किया गया है। आवेदक को छत्तीसगढ़ राजपत्र दिनांक 23 दिसंबर, 2011 की कंडिका 14 अनुसार भूमि के व्यपवर्तन के लिए अनुज्ञा प्रदान नहीं की जावेगी। भू-अर्जन अधिनियम 1894 (1894 का 1) के अंतर्गत अधिग्रहण के 22 अधीन की कोई भूमि- 1. किसी रेल लाईन, राष्ट्रीय राजमार्ग, राज्य राजमार्ग या केन्द्र या राज्य सरकार द्वारा अथवा केन्द्र या राज्य सरकार द्वारा इस निमित्त किसी अधिनियम या नियमों में यथानिर्दिष्ट किसी स्थानीय प्राधीकारी द्वार संधारित कोई अन्य मार्ग अथवा भारतीय सड़क संगठन की मार्गदर्शिका में यथानिर्दिष्ट सीमा के भीतर उद्योगों की स्थापना के लिए राष्ट्रीय राजमार्ग / राज्य राजमार्ग/मुख्य जिला मार्ग/अन्य जिला मार्ग/ ग्रामीण सड़कों के मध्य बिंदु से जो भी वृहद (लंबा) हो की सीमाओं के भीतर आने वाली सुविधा। 2. एक औद्योगिक इकाई या चूने की भट्ठी या क्रशर संयंत्र या औद्योगिक क्षेत्र के प्रयोजन के लिए किसी ग्राम की आबादी के बाहय सीमा से 1.5 किलोमीटर के अंतर्गत आने वाली भूमि यह प्रतिबंध उन भूमियों पर लागू नहीं है, जहाँ ईट भट्ठी, गैर प्रदूषण वाले उद्योगों, लघु तथा कुटीर उद्योग के लिए व्यपवर्तन चाहा गया हो। 3. तालाब, नदी, नाला, झील के जल भराव के अंतर्गत आने वाली भूमि या पगडण्डी या कब्रिस्तान या ग्राम के तालाब के अंतर्गत धारित भूमि भले ही उनका ग्राम के राजस्व नक्शों या राजस्व अभिलेख में कोई विवरण न हो। 4. सभी कंपनियों के भूमिगत पाईप लाईन के सीधे 10 मीटर की त्रिज्या के क्षेत्र में आने वाली भूमि। 5. तेल कंपनियों के भण्डार डिपो के 50 मीटर के त्रिज्या में आने वाली भूमि। 6. केन्द्रीय विद्युत प्राधिकरण (विद्युत आपूर्ति एवं सुरक्षा से संबंधित मानदंड) विनियम, 2010 के अंतर्गत प्रतिबंधित भूमि या भवन। 7. व्यपवर्तन की दशा में लोक न्यूसेंस होना संभावित हो। अतएव इस संबंध में आवेदित भूमि के संबंध में जिस किसी व्यक्ति/विभाग अथवा संस्था को किसी प्रकार का दावा आपत्ति हो तो प्रकरण में नियत दिनांक 20/08/2018 तक स्वयं, विभाग के प्राधिकृत अधिकारी अथवा अधिकृर्त अधिवक्ता के माध्यम से इस न्यायालय में उपस्थित होकर आपत्ति प्रस्तुत कर सकते हैं। नियत तिथि के बाद प्राप्त दावा / आपत्ति पर कोई विचार नहीं किया जावेगा। यह उद्घोषणा आज दिनांक 04/08/2018 को मेरे हस्ताक्षर तथा न्यायालय की मुद्रा के साथ जारी किया गया।

सील

अनुविभागीय अधिकारी (रा.)
रायगढ़ (छ.ग.)

न्यायालय अनुविभागीय अधिकारी (रा.), रायगढ़ (छत्तीसगढ़)

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ग्राम-बांजीपाली, प.ह.नं. 29

:: उद्घोषणा ::

एतद् द्वारा आम जनता को सूचित किया जाता है कि, आवेदिका रीता पात्र पति- अधेन्दु पात्र , निवासी- वार्ड नं. 33, बांजीपाली, फटहामुड़ा, जूटमिल, रायगढ़ तहसील व जिला रायगढ़ (छ.ग.) ने अपने भूमिस्वामी हक एवं अधिकार की ग्राम-बांजीपाली, प.ह.नं. 29, तहसील व जिला रायगढ़ (छ.ग.) में स्थित भूमि ख.नं. 98/1क/3 हे. रकबा 0.020 हे. को धारा 172 छ.ग. भू-राजस्व संहिता 1959 के तहत आवसीय प्रयोजनार्थ कर निर्धारण हेतु आवेदन पत्र प्रस्तुत किया गया है। आवेदक को छत्तीसगढ़ राजपत्र दिनांक 23 दिसंबर, 2011 की कंडिका 14 अनुसार भूमि के व्यपवर्तन के लिए अनुज्ञा प्रदान नहीं की जावेगी। भू-अर्जन अधिनियम 1894 (1894 का 1) के अंतर्गत अधिग्रहण के 22 अधीन की कोई भूमि- 1. किसी रेल लाईन, राष्ट्रीय राजमार्ग, राज्य राजमार्ग या केन्द्र या राज्य सरकार द्वारा अथवा केन्द्र या राज्य सरकार द्वारा इस निमित्त किसी अधिनियम या नियमों में यथानिर्दिष्ट किसी स्थानीय प्राधीकारी द्वार संधारित कोई अन्य मार्ग अथवा भारतीय सड़क संगठन की मार्गदर्शिका में यथानिर्दिष्ट सीमा के भीतर उद्योगों की स्थापना के लिए राष्ट्रीय राजमार्ग / राज्य राजमार्ग/मुख्य जिला मार्ग/अन्य जिला मार्ग/ ग्रामीण सड़कों के मध्य बिंदु से जो भी वृहद (लंबा) हो की सीमाओं के भीतर आने वाली सुविधा। 2. एक औद्योगिक इकाई या चूने की भट्ठी या क्रशर संयंत्र या औद्योगिक क्षेत्र के प्रयोजन के लिए किसी ग्राम की आबादी के बाहय सीमा से 1.5 किलोमीटर के अंतर्गत आने वाली भूमि यह प्रतिबंध उन भूमियों पर लागू नहीं है, जहाँ ईट भट्ठी, गैर प्रदूषण वाले उद्योगों, लघु तथा कुटीर उद्योग के लिए व्यपवर्तन चाहा गया हो। 3. तालाब, नदी, नाला, झील के जल भराव के अंतर्गत आने वाली भूमि या पगडण्डी या कब्रिस्तान या ग्राम के तालाब के अंतर्गत धारित भूमि भले ही उनका ग्राम के राजस्व नक्शों या राजस्व अभिलेख में कोई विवरण न हो। 4. सभी कंपनियों के भूमिगत पाईप लाईन के सीधे 10 मीटर की त्रिज्या के क्षेत्र में आने वाली भूमि। 5. तेल कंपनियों के भण्डार डिपो के 50 मीटर के त्रिज्या में आने वाली भूमि। 6. केन्द्रीय विद्युत प्राधिकरण (विद्युत आपूर्ति एवं सुरक्षा से संबंधित मानदंड) विनियम, 2010 के अंतर्गत प्रतिबंधित भूमि या भवन। 7. व्यपवर्तन की दशा में लोक न्यूसेंस होना संभावित हो। अतएव इस संबंध में आवेदित भूमि के संबंध में जिस किसी व्यक्ति/विभाग अथवा संस्था को किसी प्रकार का दावा आपत्ति हो तो प्रकरण में नियत दिनांक 20/08/2018 तक स्वयं, विभाग के प्राधिकृत अधिकारी अथवा अधिकृत अधिवक्ता के माध्यम से इस न्यायालय में उपस्थित होकर आपत्ति प्रस्तुत कर सकते हैं। नियत तिथि के बाद प्राप्त दावा / आपत्ति पर कोई विचार नहीं किया जावेगा। यह उद्घोषणा आज दिनांक 04/08/2018 को मेरे हस्ताक्षर तथा न्यायालय की मुद्रा के साथ जारी किया गया।

सील

अनुविभागीय अधिकारी (रा.)
रायगढ़ (छ.ग.)

न्यायालय अनुविभागीय अधिकारी (रा.), रायगढ़ (छत्तीसगढ़)

रा.प्र.क्र. /अ-2/2017-18
ग्राम-अतरमुड़ा बड़े, प.ह.नं. 58

:: उद्घोषणा ::

एतद् द्वारा आम जनता को सूचित किया जाता है कि, आवेदक स्वपन कुमार आ. इंद्रनाथ बनर्जी वगैरह , निवासी- स्टेशन चौक रायगढ़, तहसील व जिला रायगढ़ (छ.ग.) ने अपने भूमिस्वामी हक एवं अधिकार की ग्राम-अतरमुड़ा बड़े, प.ह.नं. 58, तहसील व जिला रायगढ़ (छ.ग.) में स्थित भूमि ख.नं. 85/1 हे. रकबा 0.320 हे. से रकबा 0.121 को धारा 172 छ.ग. भू-राजस्व संहिता 1959 के तहत आवसीय प्रयोजनार्थ कर निर्धारण हेतु आवेदन पत्र प्रस्तुत किया गया है। आवेदक को छत्तीसगढ़ राजपत्र दिनांक 23 दिसंबर, 2011 की कंडिका 14 अनुसार भूमि के व्यपवर्तन के लिए अनुज्ञा प्रदान नहीं की जावेगी। भू-अर्जन अधिनियम 1894 (1894 का 1) के अंतर्गत अधिग्रहण के 22 अधीन की कोई भूमि- 1. किसी रेल लाईन, राष्ट्रीय राजमार्ग, राज्य राजमार्ग या केन्द्र या राज्य सरकार द्वारा अथवा केन्द्र या राज्य सरकार द्वारा इस निमित्त किसी अधिनियम या नियमों में यथानिर्दिष्ट किसी स्थानीय प्राधीकारी द्वार संधारित कोई अन्य मार्ग अथवा भारतीय सड़क संगठन की मार्गदर्शिका में यथानिर्दिष्ट सीमा के भीतर उद्योगों की स्थापना के लिए राष्ट्रीय राजमार्ग / राज्य राजमार्ग/मुख्य जिला मार्ग/अन्य जिला मार्ग/ ग्रामीण सड़कों के मध्य बिंदु से जो भी वृहद (लंबा) हो की सीमाओं के भीतर आने वाली सुविधा। 2. एक औद्योगिक इकाई या चूने की भट्ठी या क्रशर संयंत्र या औद्योगिक क्षेत्र के प्रयोजन के लिए किसी ग्राम की आबादी के बाहय सीमा से 1.5 किलोमीटर के अंतर्गत आने वाली भूमि यह प्रतिबंध उन भूमियों पर लागू नहीं है, जहाँ ईट भट्ठी, गैर प्रदूषण वाले उद्योगों, लघु तथा कुटीर उद्योग के लिए व्यपवर्तन चाहा गया हो। 3. तालाब, नदी, नाला, झील के जल भराव के अंतर्गत आने वाली भूमि या पगडण्डी या कब्रिस्तान या ग्राम के तालाब के अंतर्गत धारित भूमि भले ही उनका ग्राम के राजस्व नक्शों या राजस्व अभिलेख में कोई विवरण न हो। 4. सभी कंपनियों के भूमिगत पाईप लाईन के सीधे 10 मीटर की त्रिज्या के क्षेत्र में आने वाली भूमि। 5. तेल कंपनियों के भण्डार डिपो के 50 मीटर के त्रिज्या में आने वाली भूमि। 6. केन्द्रीय विद्युत प्राधिकरण (विद्युत आपूर्ति एवं सुरक्षा से संबंधित मानदंड) विनियम, 2010 के अंतर्गत प्रतिबंधित भूमि या भवन। 7. व्यपवर्तन की दशा में लोक न्यूसेंस होना संभावित हो। अतएव इस संबंध में आवेदित भूमि के संबंध में जिस किसी व्यक्ति/विभाग अथवा संस्था को किसी प्रकार का दावा आपत्ति हो तो प्रकरण में नियत दिनांक 20/08/2018 तक स्वयं, विभाग के प्राधिकृत अधिकारी अथवा अधिकृत अधिवक्ता के माध्यम से इस न्यायालय में उपस्थित होकर आपत्ति प्रस्तुत कर सकते हैं। नियत तिथि के बाद प्राप्त दावा / आपत्ति पर कोई विचार नहीं किया जावेगा। यह उद्घोषणा आज दिनांक 04/08/2018 को मेरे हस्ताक्षर तथा न्यायालय की मुद्रा के साथ जारी किया गया।

सील

अनुविभागीय अधिकारी (रा.)
रायगढ़ (छ.ग.)

मारवाड़ी युवा मंच ने की देर रात तक की कांवरियों की सेवा

रायगढ़। हर वर्ष की भाँती गौरवशाली सेवा परम्परा को जारी रखते हुए मारवाड़ी युवा मंच ने कल रात रामझरना से जल लेकर भीलेनाथ को चढाने जा रहे कावरियों की सेवा तत्परता से की । सर्वप्रथम लगभग 300 से अधिक कवारियो को बस सुविधा से उनके गंतव्य स्थान तक पहुंचाया गया जहां चाय और बिस्कुट का वितरण देर रात 12 बजे तक किया गया। वापस लौट रहे लगभग 1500 से अधिक श्रद्धालुओं को जिंदल दूध डेयरी पर फोव्वारे से स्वागत कर उन्हें चाय बिस्कुट नाश्ता नाशपाती सेव और केले एक भक्ति भरे सेवामय माहोल में देर रात तक वितरित किये गए।

कार्यक्रम की निरंतर साल दर साल बढ़ती भव्यता और प्रसिद्धि वरिष्ठ सदस्य राजेश बजानिया,निखिल अग्रवाल, अशोक अग्रवाल, मनीष पालीवाल, मनीष अग्रवाल (दवाई), दीपक अग्रवाल जामगांव, नवीन अग्रवाल, कमलेश रतेरिया,आतिश डालमिया, मनीष अग्रवाल(गोलू),समीर मोदी,आनंद मोदी, विशाल सिंघानिया,मांटी बजानिया,अधिश रतेरिया,अंकित बंसल ,प्रतीक जैन ,आशुतोष चरक,आयुष मोदी,अमितेस अग्रवाल (बीटटू) ने आयोजन को सफल बनाने में महत्वपूर्ण योगदान दिया। साथ ही जिंदल समूह ,अग्रसेन सेवा संघ,लायंस पब्लिक स्कूल एवं राजेश बेरिवाल,गोपाल अग्रवाल (डबूबु) जी का विशेष सहयोग रहा।

मुख्यमंत्री युवा स्व-रोजगार योजना अंतर्गत 25 अगस्त तक आवेदन आमंत्रित

रायगढ़। मुख्यमंत्री युवा स्वरोजगार योजनान्तर्गत जिला व्यापार एवं उद्योग केन्द्र रायगढ़ से ऋण लेकर स्वयं का व्यवसाय स्थापित करने वाले इच्छुक आवेदकों से 25 अगस्त 2018 तक आवेदन आमंत्रित किया गया है। उक्त योजनान्तर्गत आवेदक की आयु 18 से 35 वर्ष के मध्य होनी चाहिए। अनुसूचित जाति, अनुसूचित जनजाति, अन्य पिछड़ा वर्ग, महिला, निःशक्तजन, नक्सल प्रभावित एवं सेवानिवृत्त सैनिको को आयु सीमा में 5 वर्ष छूट की पात्रता होगी। आवेदक को निर्धारित प्रारूप में आवेदन पत्र समस्त दस्तावेजों के साथ नियत तिथि तक जिला व्यापार एवं उद्योग केन्द्र, रायगढ़ में दो प्रतियों में जमा करना होगा। प्राप्त जानकारी के अनुसार मुख्यमंत्री युवा स्वरोजगार योजनान्तर्गत अधिकतम स्वीकार्य लागत निर्माण एवं उद्योग इकाईयों हेतु 25 लाख, सेवा इकाईयों हेतु 10 लाख एवं व्यवसाय हेतु 2 लाख रुपए है। इसके लिए आवेदक को न्यूनतम आठवीं कक्षा उत्तीर्ण होना जरूरी है। उद्योग एवं सेवा परियोजना में स्वीकृत ऋण पर लगने वाला बैंक गारंटी शुल्क तथा आगामी 4 वर्षो के लिए अधिरोपित वार्षिक सेवा शुल्क का भुगतान शासन द्वारा दिया जाएगा तथा नियमानुसार ब्याज अनुदान एवं मार्जिन मनी अनुदान देय होगा। कोई भी व्यक्ति अथवा उनके परिवार के सदस्य जो पूर्व में भारत सरकार या राज्य सरकार द्वारा संचालित योजनाओं के अंतर्गत अनुदान प्राप्त कर लाभान्वित हुआ है इस योजना के लिए पात्रता नहीं होगी।

भाजपा के पूर्व जिला उपाध्यक्ष श्रीचन्द रावलानी द्वारा कार्यालय का लोकार्पण

खरसिया। भाजपा के पूर्व जिला उपाध्यक्ष श्रीचन्द रावलानी द्वारा आज अपने नये कार्यालय का लोकार्पण भगवान श्री गणेश जी एवं समस्त देवी देवताओं की पूजा अर्चना कर किया पूजा का कार्यक्रम रायगढ़ के पं. रामगोपाल द्विवेदी द्वारा सम्पन्न कराया गया। श्रीचन्द रावलानी जी वैसे तो हमेसा जनदर्शन लगाते है उनसे कोई भी उनके कार्यलय में जा कर किसी भी समय मिल सकता है उनका मोबाइल 9826702302 हमेशा चालू रहता है। ये सभी कार्यकर्ता जानते है एवं हर फोन को उठाना सन्तुष्टि पूर्वक जवाब देना यह उन्की प्रमुख विशेषता है आज खरसिया विधानसभा क्षेत्र में सबसे ज्यादा सक्रिय एवं सशक्त दावेदार भी हैं पर ये कभी इस बात की चर्चा नहीं करते हैं पार्टी लाइन में काम करते है उनके लिए पार्टी का निर्देश ही सरवोपरी रहता है पत्रकारों के पूछने पर उनका जवाब रहता है अगर पार्टी आदेश करेगी तो खरसिया से चुनाव लड़ने के लिए हमेशा तैयार हूँ। अन्यथा इसी तरह पार्टी का कार्यकरता बनकर पार्टी का कार्य पूरा करता रहूंगा।

मीजल्स एवं रूबैला जनजागरूकता अभियान के लिए 12 अगस्त को चित्रकला प्रतियोगिता

रायगढ़, 9 अगस्त 2018/ लायंस क्लब रायगढ़ मिड टाउन के सौजन्य से मीजल्स एवं रूबैला जनजागरूकता अभियान के तहत 12 अगस्त को दोपहर 2 बजे स्थानीय सत्तीगुड़ी चौक स्थित बाल मंदिर में कक्षा 8 वीं तक के विद्यार्थियों हेतु चित्रकला प्रतियोगिता आयोजित की गई है। जिसमें प्रथम पुरस्कार 3100 रुपए एवं द्वितीय पुरस्कार 2100 रुपए व अन्य आकर्षक ईनाम रखा गया है। जिला शिक्षा अधिकारी रायगढ़ ने रायगढ़ शहर के समस्त शासकीय एवं अशासकीय स्कूल के प्रधान पाठक एवं प्राचार्य को 10 अगस्त को अपने पाठशाला में चित्रकला एवं भाषण प्रतियोगिता आयोजित कराने तथा प्रतियोगिता में भाग लेने वाले छात्र-छात्राओं को नियत तिथि एवं समय पर बाल मंदिर में उपस्थिति सुनिश्चित करने हेतु निर्देशित किया है। पंजीयन एवं अन्य जानकारी के लिए श्री संजय अग्रवाल मो.नं.94252-50170 में संपर्क कर सकते है।

न्यायालय अतिरिक्त तहसीलदार मंदिर हसौद, तहसील आरंग जिला रायपुर

ईश्तहार

रा.प्र.क्रं. 37 अ/6 वर्ष 2015-16
ग्राम रीको प.ह.नं.21

एतद् द्वारा सर्वसाधारण को सीचित किया जाता है कि आवेदक संस्था नया रायपुर डेव्हलपमेंट अथारिटी रायपुर द्वारा ग्राम रीको प.ह.नं. 21 रा.नि.मं. मंदिर हसौद तहसील आरंग जिला रायपुर स्थित लेयर 1 की सामिलात चरागान की भूमि ख.नं. 102, 206, 210, 738, 746, 794, 800 रकबा कुल 20.31 हे. का हस्तांतरण करने हेतु माननीय कलेक्टर महोदय को प्रस्तुत आवेदन अ.वि. अ आरंग अभनपुर के माध्यम से प्राप्त हुआ है।

अतः हस्तांतरण करने पर जिस किसी व्यक्ति/संस्था को कोई आपत्ति/दावा करना हो तो वह अपना आवेदन दावा/आपत्ति स्वयं या अपने अभिभावक के माध्यम से दिनांक 19.11.2015 तक इस न्यायालय में पेश कर सकते हैं। नियत तिथि के पश्चात प्राप्त दावा आपत्ति पर किसी प्रकार का विचार नहीं किया जावेगा।

आज दिनांक 23.10.2015 को मेरे हस्ताक्षर व न्यायालय की मुहर से जारी किया गया।

अतिरिक्त तहसीलदार
मंदिर हसौद

कार्यालय नगर पालिक निगम, रायगढ़ (छ.ग.)

क्रमांक/1572/लो.क.वि./न.पा.नि./2018 रायगढ़ दिनांक 04/08/2018

।। निविदा आमंत्रण सूचना ।।

नगर पालिक निगम,रायगढ़ द्वारा निम्नलिखित कार्यों के लिए लोक निर्माण विभाग द्वारा एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से एवं इस कार्य के लिए अनुभवी फर्मों से निविदा प्रपत्र "ब" में दिनांक 25.8.18 अपरान्ह 04.00 बजे तक स्पीड पोस्ट/पंजीकृत डाक से मुहरबंद निविदाएं आमंत्रित की जाती है। निविदा प्रपत्रा दिनांक 21.8.2018 तक निर्धारित शुल्क जमा कर अपरान्ह 05.00 बजे तक प्राप्त किए जा सकते हैं। प्राप्त निविदाएं दिनांक 25.8.18 को अपरान्ह को सायं 04.30 बजे उपस्थित निविदाकारों अथवा उनके अधिकृत प्रतिनिधि के समक्ष खोली जावेगी।

क्र.	कार्यका नाम	कार्य की लागत (लाख में)	अमानत राशि(रूपये)	निविदा प्रपत्र प्रपत्र का मूल्य	ठेकेदार की श्रेणी	समय वधि
1	आडिटोरियम में एकास्टीक वाल पेनलिंग कार्य।	04.96	5000/-	750/-	डी-वर्ग एव उपर	01 माह
2	आडिटोरियम फायर अलार्म कार्य।	01.54	2000/-	300/-	डी-वर्ग एवं उपर	01 माह

नोटः-कार्य का विवरण एवं नियम शर्ते कार्यालय में कार्यालयीन अवधि में देखा जा सकता है।

आयुक्त
नगर पालिक निगम,रायगढ़ (छ.ग.)

आम सूचना

सर्व साधारण को सूचित किया जाता है कि भारत सरकार पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय नई दिल्ली के द्वारा पत्र क्रमांक J11011/1267/2007-IA.II(I) दिनांक 07 अगस्त 2018 के द्वारा हमारे प्लांट मेसर्स स्केनिया स्टील एंड पावर लिमिटेड, रायगढ़ इंटिग्रेटेड स्टील प्लांट केप्टीव पॉवर प्लांट (स्पंज ऑयरन प्लांट 200 टी.पी.डी. स्टील मेल्टींग शॉप-135000 टी.पी.ए. एवं वेस्ट हीट रिकव्हरी बॉयलर -8 मेगावॉट) को क्षमता विस्तार के तहत पर्यावरणीय स्वीकृति जारी की गई है, जो कि पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय के वेबसाईट में http://envfor.nic.in भी उपलब्ध है एवं छत्तीसगढ़ पर्यावरण संरक्षण मंडल में उपलब्ध है।

मे.स्केनिया स्टील एंड पावर लिमिटेड
22 कि.मी.स्टोन
घरघोड़ा रोड, फूंजीपथरा
जिला-रायगढ़ (छ.ग.)496011

न्यायालय नायब तहसीलदार रायगढ़ जिला- रायगढ़

-: ईश्तहार :-

रा.प्र.क्र. /बी-121//2017-18
ग्राम- सोनमूडा नायापारा तह. रायगढ़

एतद द्वारा सर्व साधारण ग्राम सोनूमुड़ा नयापारा रायगढ़ प.ह.न. तहसील जिला रायगढ़ को सूचित किया जाता है कि आवेदक महादेव भट्ट आ.अमोलदास निवासी सोनूमुड़ा तहसील व जिला रायगढ़ द्वारा अपने पिता-अमोलदास आ.रघु भट्ट निवासी ग्राम सोनूमुड़ा नयापारा रायगढ़ का मृत्यु दिनांक 21-3-1999 को हो जाने के कारण का मृत्यु प्रमाण-पत्र प्रदाय किये जाने बाबत् आवेदन -पत्र मय, शपथ-पत्र, अनुपलब्धता प्रमाण-पत्र संलग्न कर मृत्यु प्रमाण-पत्र प्रदाय किए जाने का निवेदन किया गया है।

प्रस्तुत आवेदन पर इस न्यायालय में दिनांक 10/06/2018 को सुनवाई नियत की गई है। उक्त संबंध में किसी को कोई आपत्ति या आवेदन प्रस्तुत करना हो तो वह स्वयं या अपने अधिवक्ता के माध्यम से नियत दिनांक तक प्रस्तुत कर सकता है। नियत दिनांक के पश्चात प्रस्तुत आपत्ति/आवेदन पर कोई विचार नहीं किया जावेगा।

आज दिनांक 25/05/2018 को मेरे हस्ताक्षर एवं न्यायालयीन मुद्रा से जारी।

मुहर

नायब तहसीलदार
रायगढ़

न्यायालय नायब तहसीलदार रायगढ़

ईश्तहार

रा.प्र.क्रं. /बी-121/2017-18
ग्राम बघनपुर तह. रायगढ़

एतद द्वारा सर्वसाधारण ग्राम बघनपुर प.ह.न. 11 रा.नि.मं. किरोड़ीगल नगर रायगढ़ को सूचित किया जाता है कि सचिव छ.ग. शासन राजस्व एवं आपदा प्रबंधन विभाग महानदी भवन मंत्रालय नया रायपुर के आदेश क्रमांक एफ 7-4/सात-1/2015 दिनांक 30.03.2016 कार्य कार्यपालन अभियंता लोक निर्माण विभाग रायगढ़ के पत्र क्रमांक 6148/तक /2017-18 रायगढ़ दिनांक 10.12.2017 के अनुसार घनागर भूपदेवपुर मार्ग के ग्राम बघपुर के भू-अर्जन प्रकरण में आपसी सहमति से भूमि क्रय नीति 2016 के तहत निजी भू-धारकों से क्रय किए जाने हेतु आवेदन-पत्र प्रस्तुत किए जाने पर जांच प्रतिवेदन हेतु पत्र प्राप्त हुआ है। भूमिस्वामियों का ख.न. तथा रकबा निम्नानुसार है :-

क्रमांक	भूमिस्वामी का नाम	ख.न	रकबा
1	जिंदल स्टील एवं पावर लिमि. रायगढ़	92/1	0.008
2	श्रीमती चमेली पति खुशीराम जाति गांडा ग्राम बघनपुर	172/2	0.004
3	श्री श्रीनीवासचंदिका छत्तर पिता परमानंद बघनपुर	210/1, 110/2	0.008, 0.008
4	बालकुमारी, कांती,कुमारी पिता खालिकराम बघनपुर	92/2	0.02
5	महेन्द्रकुमार सेतकुमार पिता मोहनलाल बघनपुर	91/1, 92/3	0.024, 0'008
6	श्रीमती पुष्पलता देवांगन पति सोमनाथ बघनपुर	93	0.02,
7	श्री बालकुमार, नंदलाल पिता रामप्रसाद	98/2 101/2	0.057, 0.008
8	त्रिलोकन जनकंवर चंदनमति पिता जगन्नाथ मालती देवा जगन्नाथ दीपेश दीपमाला पिता कमल सिंह	98/1	0.052
9	बंशीधर मुरलीधर श्यामलाल पिता घासीराम बघनपुर	97/2, 96/3, 87/1, 83/1	0.008, 0.012 0.040
10	श्री गोपाल प्रसाद पिता रतनसिंह	87/2, 87/3, 95/1 83/2	0.028 0.040
11	श्री कालानाथ पिता जयराम बघनपुर	94/2क	0.008
12	पारेश्वर आ. जयराम बघनपुर	94/2ख	0.020
13	श्री मितानगी आ. जगराम बघनपुर	94/2ग	0.016

प्रस्तुत आवेदन पर इस न्यायालय में दिनांक 16/08/18 को सुनवाई नियत की गई है। उक्त संबंध में किसी कोई दावा/आपत्ति प्रस्तुत करना हो तो वह स्वयं या अपने अधिवक्ता के माध्यम से नियत दिनांक तक प्रस्तुत कर सकता है। नियत दिनांक के पश्चात् प्रस्तुत दावा/आपत्ति प्रस्तुत पर कोई विचार नहीं किया जावेगा।

आज दिनांक 03/08/18 को मेरे हस्ताक्षर एवं न्यायालयीन मुद्रा से जारी।

मुहर
जी-54348/2

नायब तहसीलदार
रायगढ़

CHHATTISGARH ENVIRONMENT CONSERVATION BOARD

PARYAVAS BHAWAN, NORTH BLOCK, SECTOR- 19,
NAVA RAIPUR ATAL NAGAR, RAIPUR (C.G.) 492002
E-mail : hocecb@gmail.com, Ph. No. 0771-2512220

No. 7980/HSMD/HO/CECB/2024 Nava Raipur Atal Nagar, Date 08/01/2024

To,

M/s Scania Steels & Powers Limited,
(Formerly Known as - Sidhi Vinayak Sponge Iron Private Limited),
22 KM Milestone, Gharghoda Road, Village-Punjipatra,
District- Raigarh (C.G.)

Sub:- Grant of amendment and subsequent renewal of authorization under the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.

Ref:- Your online application no. 13320270 dated 30/07/2023 & subsequent correspondence ending dated 19/12/2023.

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Chhattisgarh Environment Conservation Board had granted of authorization under Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 vide letter no. 4398/HSMD/HO/CECB/2018 dated 23/08/2018 for following hazardous waste, category and quantity subject to fulfillment of the terms and conditions mentioned therein. :-

S. No.	Name of Hazardous Waste	Category	Quantity/Year
1.	Used or Spent oil	(Schedule - I, Cat. No. 5.1)	5.0 KL/Annum

Industry, vide their online application no. 13320270 dated 30/07/2023 has requested for an amendment and subsequent renewal with respect to hazardous waste and their corresponding quantities mentioned therein. Based on the inspection report from R.O. Raigarh and after considering the application, facts and materials in records the board has decided to issue amendment and subsequent renewal of authorization with respect to hazardous wastes and their corresponding quantities mentioned below:-

S. No.	Name & Category of Hazardous Waste as per Schedules	Authorized mode of disposal or recycling or utilization or co- processing etc.	Quantity/Year
1.	Used or Spent oil (Schedule - I, Cat. No. 5.1)	Reuse/Sale to authorized recycler	5.0 KL/Annum
4.	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes (Schedule-I, Cat.No.- 33.1)	Sale to authorized recycler	42 MT/Annum
5.	Metal and metal-alloy wastes in metallic, non-dispersible form (Schedule-III, Part-D, Basel No. B1 B1010)	Utilization as Raw material/Sale to authorized recyclers	3000 MT/Annum

The amendment and renewal of authorization shall be valid for the period of **Five Years i.e. from 23/08/2023 to 22/08/2028.** The details of authorization along with terms & conditions are given as per below:

FORM 2
[See rule 6 (2)]

GRANT OF AMENDMENT AND SUBSEQUENT RENEWAL OF AUTHORIZATION BY STATE POLLUTION CONTROL BOARD TO THE OCCUPIERS, RECYCLERS, REPROCESSORS, REUSERS, USER AND OPERATORS OF DISPOSAL FACILITIES

1. Number of authorization **583/HO/HSMD/CECB/NAVA RAIPUR ATAL NAGAR, RAIPUR**

2. Reference of Online application no. **13320270 dated 30/07/2023 & subsequent correspondence ending dated 19/12/2023.**

3. The operator of facility i.e. occupier **M/s Scania Steels & Powers Limited, (Formerly Known as - Sidhi Vinayak Sponge Iron Private Limited), 22 KM Milestone, Gharghoda Road, Village-Punjipatra, District- Raigarh (C.G.)** is hereby granted an amendment and subsequent renewal of authorization based on the signed inspection report from RO for generation, storage, transportation, and incineration of hazardous wastes in the premises situated at **22 KM Milestone, Gharghoda Road, Village-Punjipatra, District- Raigarh (C.G.).**

Detail of Authorization

S. No.	Name & Category of Hazardous Waste as per Schedules	Authorized mode of disposal or recycling or utilization or co- processing etc.	Quantity/Year
1.	Used or Spent oil (Schedule - I, Cat. No. 5.1)	Reuse/Sale to authorized recycler	5.0 KL/Annum
4.	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes (Schedule-I, Cat.No.- 33.1)	Sale to authorized recycler	42 MT/Annum
5.	Metal and metal-alloy wastes in metallic, non-dispersible form (Schedule-III, Part-D, Basel No. B1 B1010)	Utilization as Raw material/Sale to authorized recyclers	3000 MT/Annum

(1) The **amendment and renewal of authorization shall be valid for the period of Five Years i.e. from 23/08/2023 to 22/08/2028.**

(2) The authorization is subject to the following conditions:

TERMS & CONDITIONS OF AUTHORIZATION

1. The authorization shall comply with the provisions of Environment (protection) Act, 1986 and the rules made there-under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the Chhattisgarh Environment Conservation Board.
3. The person authorized shall not rent, lend, sell transfer or otherwise transport the hazardous wastes without obtaining prior permission of the Chhattisgarh Environment Conservation Board.
4. **Industry shall have to register in EPR portal of CPCB, Delhi as per Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 as amended if it comes under the categories of used oil producer, importer, recyclers/utilizers and collection agent.**
5. Any unauthorized change in personnel, equipment, or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
6. The person authorized shall implement Emergency Response Procedure (ERP) which this authorization is being granted considering all site specific possible scenarios such as

spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time.

7. The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty".
8. It is the duty of the authorized person to take prior permission of the Chhattisgarh Environment Conservation Board to close down the facility.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. Industry shall prepare emergency response plan (ERP) and ensure implementation of the same at the time of any accident occurs during handling and transportation of hazardous waste as per CPCB guidelines.
11. The hazardous and other waste, generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed off as per standard operating procedures/guidelines issued by CPCB from time to time.
12. An application for the renewal of an authorization shall be made three months before the expiry of authorization as laid down in the Rules.
13. Annual return in form IV shall be filed by June 30th for the period ending 31st March of the last financial year.
14. The wastes shall be collected and stored properly with adequate safety measures as per rule.
15. Authorized person shall comply with the provisions of rule 17, 18 and 19 for packing, labeling and transport of Hazardous Waste.
16. The authorized person should maintain the record of Hazardous Waste as per Form-3 of Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
17. The occupier shall follow the guidelines (if any) issued by Central Pollution Control Board or MoEF & CC for management of Hazardous waste from time to time.
18. The industry shall display data outside factory gate, about on quantity and nature of hazardous chemicals and wastes being used in the plant, water quality and air emissions and solid wastes generated within the factory premises. The display board shall be made and placed as per CPCB guidelines.
19. At a time only one type/ Category of Hazardous waste shall be co-processed in the cement kiln. A log book of the waste co-process shall be maintained including emission monitoring result during co-processing.
20. Industry shall ensure that the transportation of hazardous wastes should be carried out through GPS enable dedicated vehicles of authorized transporters only.
21. Industry shall create new website for Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 and upload all the information above the waste in the website.
22. Before the wastes given for thermal/biological/physico-chemical treatment; should be completely dewatered, detoxified, and proper conditioned and any possible recovery is made before their disposal.
23. The industry should constitute a hazardous waste management cell to take care of the management aspect to the hazardous waste generated in the plant.
24. An on-site storage of the hazardous wastes for a maximum period of 90 days should be provided and it shall be ensured that there is no leakage or seepage from the surrounding walls or bottom. The site should be covered and properly protected to prevent the entry of rain water in storage area.
25. At least four nos. of piezometric points should be provided around the storage site of H.W. to monitor the leaching of the waste and the monitoring report of the same shall be submitted to

the board every six monthly. Each type of waste shall be stored in a separate storage cell.

26. The discarded containers of Hazardous waste and chemical shall not be used for storage of food grade products. At the storage site "Hazardous waste storage site & danger signboard" shall be provided with all safety devices.

27. In the case of any accident due to handling of hazardous waste the authorized person must inform immediately to the Concerned Regional Office and H.O., Atal Nagar, Raipur of the Board by fax/telephone or by E-mail about the incident and details report be sent in form no. 11 [see rule 22].

28. The authorization obtained by the Chhattisgarh Environment Conservation Board should be prominently displayed.

29. Used batteries shall be disposed of as per the Batteries (Management & Handling) Rules, 2001.

30. Board reserves the right to cancel/amend the above condition and add new conditions as and when deemed necessary.

Member Secretary
C.G. Environment Conservation Board
Nava Raipur Atal Nagar, Raipur (C.G.)

Endt. No. 7981/H.O./HSMD/CECB/2024 Nava Raipur Atal Nagar, Date 08/01/2024

Copy to:- Regional Officer, Regional office, Chhattisgarh Environment Conservation Board, Raigarh (C.G.) please ensure compliance and report, if any condition/conditions are violated by the industry.

Sd/-
Member Secretary
C.G. Environment Conservation Board
Nava Raipur Atal Nagar, Raipur (C.G.)

Signature Not Verified

Digitally Signed by :P. Arun Prasad MS

Date: 2024.01.10 18:33:51 IST

Print Close

PUBLIC LIABILITY INSURANCE POLICY (UNDER PUBLIC LIABILITY ACT 1991) [UIN:IRDAN123CP0072V01201819]

THIS IS CLAIMS MADE BASIS POLICY - READ IT CAREFULLY

CHOLAMANDALAM MS GENERAL INSURANCE COMPANY LTD. **ADDRESS:** RAIPUR BRANCH OFFICE WARD NO - 25 (GRU GOVIND SINGH WARD), 2ND FLOOR, SIMRAN TOWERS, PANDRI ROAD, OPP - LIC BUIDING, RAIPUR - 492 001 RAIPUR H.O **CITY:** RAIPUR **STATE:** CHATTISGARH **GSTIN:** 22AABCC6633K1ZT	**GST Invoice No.:**3120512081089 **DATE:** 06/05/2024 **PAN:** AABCC6633K **SAC Code:** 997139 **SAC Description:** Other non-life insurance services (excluding reinsurance services)
Policy Issuing Office : RAIPUR BRANCH OFFICE	**Broker / Agent** : 2005254796100001
Policy Number : 3120/00000463/000/01	**Customer Code** : 1013222681580001

Name of Insured	SCANIA STEELS AND POWERS LIMITED
Address of Insured	22 Km Stone,Gharghoda Road, Punjipatra Raigarh H.O, Raigarh Chattisgarh PIN-496001 GST No.: 22AAHCS4471R1ZT
Policy Period	From 12/05/2024 00:00 Hours to Midnight Hours 23:59 on 11/05/2025
Premium Receipt	1068267984, Date : 02/05/2024
Business/ Profession	Sponge iron manufacturing unit
Policy Basis	CLAIMS MADE BASIS
Limit of Indeminity	**AOY INR** 15,00,00,000.00
	AOA INR 5,00,00,000.00
Risk Location	1. 22 Km Milestone Ghargoda Road, , Po Area - Raigarh, , Raigarh, Chattisgarh 496001
Turnover	INR 2,83,60,78,487.00
Specific Terms and Conditions	-
Specific Exclusions	1. Specific matter pandemic /communicable disease related claims absolutely
Deductible	NIL
Jurisdiction	India
Territory	India
Retroactive Date	12-05-2023
Premium(Rs.)	INR 28,440.00
CGST (9%)	INR 2,559.50
SGST (9%)	INR 2,559.50
Kerala Cess (1%)(in Rs.)	INR 0.00
IGST (0%)	INR 0.00
Environment Relief Fund	INR 28,440.00
Amount Payable	INR 61,999.00

IN WITNESS WHEREOF,the Insurer has caused this Policy to be executed and attested

We hereby declare that though our aggregate turnover in any preceding financial year from 2017-18 onwards is more than the aggregate turnover notified under sub-rule (4) of rule 48, we are not required to prepare an invoice in terms of the provisions of the said sub-rule and also as per Notification No. 13/2020-CT dated 21-03-2020. This policy schedule shall be in lieu of Tax Invoice and hence no separate GST invoice required In compliance with Rule 54(2) of CGST Rules, 2017.

Consolidated Stamp Duty Paid Vide G.O. Rt No.114,Commercial Taxes and Registration (j1) Department, Tamil Nadu dated 08/03/2024.

Intermediary Name: IRM INSURANCE BROKERS PRIVATE LIMITED		**POSP Name:**
Code: 200525479610	**Contact No: 9826175646**	

Note: The Certificate of Insurance / Policy Schedule is an important document issued based on your declaration. We request you to verify the details and ensure that everything is in order. In case of any discrepancies, please contact us within 15 days from the date of issuance of policy.

Place : Chennai **Date** : 06-05-2024	For Cholamandalam MS General Insurance Company Ltd. Authorised Signatory

Regd.&Head Office:Dare House, 2nd Floor, No.2, N.S.C Bose Road, Chennai-600 001, India
CIN: U66030TN2001PLC047977 | IRDAI Reg. No. 123

Attaching to an forming part of Policy No.3120/00000463/000/01

All other terms, conditions and exclusions of the within mentioned policy stand unaltered.

Whether tax is payable under reverse charge basis - No..

10.111.5.52

1. Mechanism for Grievance Redressal:

As an esteemed customer of our Company, You can contact us to register complaint/ grievance, if any, including servicing of Policy, claims etc. with regard to the insurance Policy issued to You. The contact details of our office are given below for Your reference.

If any Grievances / issues on claims pertaining to Senior Citizens, Insured can register the complaint / grievance which shall be processed on Fast Track Basis by dedicated personnel.

9.1 Contact Information

SMS: "CHOLA" TO 56677 *(Premium SMS charges apply)

Email– customercare@cholams.murugappa.com

Web site: www.cholainsurance.com

9.2 For Complaints

If You have not received any reply from us within 3 days from the date of the lodgement of complaint or if You are not satisfied with the reply of the Company, you can contact the IRDA Grievance Call Centre at the toll free no. 155255 or email at complaints@irda.gov.in for registering the grievance or the nearest Insurance Ombudsman, whose addresses are mentioned below:

Nearest Insurance Ombudsman Offices

Sl. No.	Office of the Ombudsman	Name of the Ombudsman and Contact Details	JURISDICTION
1	**AHMEDABAD**	Office of the Insurance Ombudsman, 2nd floor, Ambica House, Near C.U. Shah College, 5, Navyug Colony, Ashram Road, Ahmedabad – 380 014 Tel.:– 079–27546150/139, Fax:– 079–27546142 Email:– bimalokpal.ahmedabad@gbic.co.in	State of Gujarat and Union Territories of Dadra & Nagar Haveli and Daman and Diu.
2	**BENGALURU**	Office of the Insurance Ombudsman, Jeevan Soudha Building, PID No.57–27–N–19, Ground Floor, 19/19, 24th Main Road, JP Nagar, 1st Phase, Bengaluru–560 078. Tel.:– 080–26652048 / 26652049 Email:– bimalokpal.bengaluru@gbic.co.in	Karnataka.
3	**BHOPAL**	Office of the Insurance Ombudsman, Janak Vihar Complex, 2nd Floor, 6, Malviya Nagar, Opp.Airtel Office, Near	States of Madhya Pradesh and Chattisgarh.

		New Market, Bhopal – 462 033. Tel.:– 0755–2769200/201/202, Fax:– 0755–2769203 Email:– bimalokpalbhopal@gbic.co.in	
4	**BHUBANESHWAR**	Office of the Insurance Ombudsman, 62, Forest park, Bhubneshwar – 751 009.Tel.:– 0674–2596461 / 2596455, Fax:– 0674–2596429 –Email:– bimalokpal.bhubaneswar@gbic.co.in	State of Orissa.
5	**CHANDIGARH**	Office of the Insurance Ombudsman, S.C.O. No. 101, 102 & 103, 2nd Floor, Batra Building, Sector 17 – D, Chandigarh – 160 017.Tel.:– 0172–2706196/5861 / 2706468, Fax:– 0172–2708274, Email:– bimalokpal.chandigarh@gbic.co.in	States of Punjab, Haryana, Himachal Pradesh, Jammu & Kashmir and Union territory of Chandigarh.
6	**CHENNAI**	Office of the Insurance Ombudsman, Fatima Akhtar Court, 4th Floor, 453 (old 312), Anna Salai, Teynampet, CHENNAI – 600 018. Tel.:– 044-24333668 / 24335284, Fax:– 044–24333664, Email:– bimalokpal.chennai@gbic.co.in	State of Tamil Nadu and Union Territories – Pondicherry Town and Karaikal (which are part of Union Territory of Pondicherry).
7	**DELHI**	Office of the Insurance Ombudsman, 2/2 A, Universal Insurance Building, Asaf Ali Road, New Delhi – 110 002.Tel.:– 011–23239611/7539/7532, Fax:– 011-23230858, Email:– bimalokpal.delhi@gbic.co.in	State of Delhi
8	**ERNAKULAM**	Office of the Insurance Ombudsman, 2nd floor, Pulinat Building, Opp. Cochin Shipyard, M.G. Road, Ernakulum – 682 015.Tel.:– 0484–2358759/2359338, Fax:– 0484–2359336, Email:– bimalokpal.ernakulum@gbic.co.in	Kerala, Lakshadweep, Mahe–a part of Pondicherry
9	**GUWAHATI**	Office of the Insurance Ombudsman, 'Jeevan Niveshï¿½, 5th Floor, Nr. Panbazar over bridge, S.S. Road, Guwahati – 781001(ASSAM). Tel.:– 0361– 2132204 / 2132205, Fax:– 0361–2732937, Email:– bimalokpal.guwahati@gbic.co.in	States of Assam, Meghalaya, Manipur, Mizoram, Arunachal Pradesh, Nagaland and Tripura.
10	**HYDERABAD**	Office of the Insurance Ombudsman, 6–2–46, 1st floor, "Moin Court", Lane Opp. Saleem Function Palace, A. C. Guards, Lakdi–Ka–Pool, Hyderabad – 500 004. Tel.:– 040–65504123/23312122, Fax:– 040–23376599, Email:– bimalokpal.hyderabad@gbic.co.in	States of Andhra Pradesh, Telangana and Union Territory of Yanam - a part of the Union Territory of Pondicherry.
11	**JAIPUR**	Office of the Insurance Ombudsman, Jeevan Nidhi–II Bldg., Ground Floor, Bhawani Singh Marg, Jaipur – 302005. Tel.:– 0141–2740363, Email:– bimalokpal.jaipur@gbic.co.in	State of Rajasthan.
12	**KOLKATA**	Office of the Insurance Ombudsman,Hindustan Building Annexe, 4th floor, 4, CR Avenue, Kolkata – 700 072. Tel.:– 033–22124339 / 22124340, Fax:– 033–22124341, Email:– bimalokpal.kolkata@gbic.co.in	States of West Bengal, Bihar, Sikkim and Union Territories of Andaman and Nicobar Islands.
13	**LUCKNOW**	Office of the Insurance Ombudsman, 6th Floor, Jeevan Bhawan, Phase–II, Nawal	District of Uttar Pradesh: Lalitpur, Jhansi, Mahoba,

		Kishore Road, Hazratganj, Lucknow–226 001. Tel.:– 0522–2231330 / 2231331, Fax:– 0522–2231310. Email:– bimalokpal.lucknow@gbic.co.in	Hamirpur, Banda, Chitrakoot, Allahabad, Mirzapur, Sonbhabdra, Fatehpur, Pratapgarh, Jaunpur, Varansi, Gazipur, Jalaun, Kanpur, Lucknow, Unnao, Sitapur, Lakhimpur, Bahraich, Barabanki, Raebareli, Sravasti, Gonda, Faizabad, Amethi, Kaushambi, Balrampur, Basti, Ambedkarnagar, Sulanpur, Maharajganj, Santkabirnagar, Azamgarh, Kaushinagar, Gorkhpur, Deoria, Mau, Chandauli, Ballia, Sidharathnagar.
14	**MUMBAI**	Office of the Insurance Ombudsman, 3rd Floor, Jeevan Seva Annexe, S. V. Road, Santacruz (W), Mumbai – 400 054. Tel.:– 022–26106928/360/889, Fax:– 022–26106052, Email:– bimalokpal.mumbai@gbic.co.in	States of Goa, Mumbai Metropolitan Region excluding Navi Mumbai & Thane.
15	**NOIDA**	Office of the Insurance Ombudsman, Bhagwan Sahai Palace, 4th Floor, Main Road, Naya Bans, Sector–15, Gautam Budh Nagar, Noida Email:– bimalokpal.noida@gbic.co.in	States of Uttaranchal and the following Districts of Uttar Pradesh:. Agra, Aligarh, Bagpat, Bareilly, Bijnor, Budaun, Bulandshehar, Etah, Kanooj, Mainpuri, Mathura, Meerut, Moradabad, Muzaffarnagar, Oraiyya, Pilibhit, Etawah, Farrukhabad, Firozabad, Gautam Budh Nagar, Ghaziabad, Hardoi, Shahjahanpur, Hapur, Shamli, Rampur, Kashganj, Sambhal, Amroha, Hathras, Kanshiramnagar, Saharanpur.
16	**PATNA**	Office of the Insurance Ombudsman, 1st Floor, Kalpana Arcade Building, Bazar Samiti Road, Bahadurpur, Patna – 800 006. Email:– bimalokpal.patna@gbic.co.in	States of Bihar and Jharkhand.
17	**PUNE**	Office of the Insurance Ombudsman, Jeevan Darshan Building, 3rd Floor, CTS Nos. 195 to 198, NC Kelkar Road, Narayan Peth, Pune – 411 030 Tel: 020 – 32341320, Email:– bimalokpal.pune@gbic.co.in	States of Maharashtra, Area of Navi Mumbai and Thane excluding Mumbai Metropolitan Region. Bottom of Form

Cholamandalam MS General Insurance company Limited
HO: Dare House 2nd Floor, No. 2 NSC Bose Road, Chennai – 600 001.
Toll Free : 1800 208 5544

CANCELLATION ENDORSEMENT

Notwithstanding anything to the contrary mentioned in the policy or in any of the endorsements, it is hereby agreed and declared that

a. **We** may cancel this Policy by giving 30 days written notice of such cancellation to the last known address of the first named Insured and in such event **we** will return a pro-rata portion(subject to retaining the minimum premium, if any, prescribed under the policy) for the unexpired Policy Period.

b. This Policy may also be cancelled by **you** by giving 30 days written notice to **us** in which event **we** will retain premium at the short period scale stated below subject to retaining INR 2,500/- or the minimum premium, if any, prescribed under the policy, whichever is higher, provided that there has been no Claim under the Policy during the Policy Period in which case no refund of premium shall be allowed.

Short Period Scale

Period (Not exceeding)	**Rate**
1 week	10% of the Annual rate
1 Month	25% of the Annual rate
2 Months	35% of the Annual rate
3 Months	50% of the Annual rate
4 Months	60% of the Annual rate
6 Months	75% of the Annual rate
8 Months	85% of the Annual rate
Exceeding 8 Months	Full Annual Premium

The payment or tender of any unearned premium by us shall not be a condition precedent to the effectiveness of cancellation but such payment shall be made as soon as practicable.

All other terms and conditions remain unchanged

Cholamandalam MS General Insurance Company Limited

PUBLIC LIABILITY INSURANCE POLICY
(UNDER PUBLIC LIABILITY INSURANCE ACT 1991)

1. OPERATIVE CLAUSE

Whereas the Insured Owner named in the schedule hereto and carrying on business described in the said schedule has applied to the Cholamandalam General Insurance Company Limited (hereinafter called the Company) for the indemnity hereinafter contained and has made a written proposal and declaration which shall be the basis of this contract and is deemed to be incorporated herein and has paid the premium and statutory contribution towards the Environment Relief Fund as per the provisions of the Public Liability Insurance Act and the rules framed there under.

NOW THIS POLICY WITNESSETH that subject to the terms, exceptions and conditions contained herein or endorsed hereon, the company will indemnify the insured owner against the statutory liability arising out of accidents occurring during the currency of the policy due to handling hazardous substances as provided for in the said Act and the Rules framed thereunder.

2. DEFINITIONS:

a) **"ACT"** unless otherwise specifically mentioned shall mean the Public Liability Insurance Act 1991 as amended from time to time.

b) **"Accident"** means an accident involving a fortuitous, sudden or unintentional occurrence while handling any hazardous substance resulting in continuous, intermittent or repeated exposure to death of, or injury to any person or damage to any property but does not include an accident by reason only of war or radioactivity.

c) **"Handling"** in relation to any harzardous substance means the manufacture, processing, treatment, package, storage, transportation by vehicle, use, collection, destruction, conversion, offering for sale, transfer or the like of such hazardous substance;

d) **"Hazardous Substance"** means any substance or preparation which is defined as hazardous substance under the Environment (Protection) Act, 1986, and exceeding such quantity as may be specified, by notification, by the Central Government;

e) **"Owner"** means a person who owns, or has control over handling any hazardous substance at the time of accident and includes:

in the case of a firm any of its partners;
in the case of an association, any of its members, and
in the case of a company, any of its directors, managers, secretaries or other officers who is directly in charge of, and is responsible to the company for the conduct of the business of the company;

f) **"Turnover"** shall mean

- Manufacturing units-Annual Gross Sales of all goods including all levies and taxes
- Godowns/ warehouse owners-Total Annual rental receipts.
- Transport Operators-Total Annual freight receipts.
- Others-Total Annual gross receipts.

3. EXCLUSIONS:

This Policy does not cover liability:

(1) arising out of wilful or intentional non-compliance of any Statutory provisions.

(2) in respect of fines, penalties, punitive and/or exemplary damages.

(3) arising under any other legislation except in so far as provided for in Section 8 Sub Section (1) and (2) of the Act.

(4) in respect of damage to property owned, leased or hired or under hire purchase or on loan to the Insured or otherwise in the Insured Owner's control, care or custody.

(5) directly or indirectly occasioned by, happening through or in consequence of war, invasion, act of foreign enemy, hostilities (whether war be declared or not), civil war, rebellion, revolution, insurrection or military or usurped power;

(6) directly or indirectly caused by or contributed to by.

a) ionizing radiation or contamination by radioactivity from any nuclear fuel or from any nuclear waste from the combustion of nuclear fuel

b) the radioactive, toxic, explosive or other hazardous properties of any explosive nuclear assembly or nuclear component thereof.

4. CONDITIONS:

(1) The Insured owner shall give written notice to the Company as soon as reasonably practicable of any claim made against the Insured Owner or of any specific event or circumstance that may give rise to a claim. The Insured Owner shall immediately give to the Company copies of notice of applications forwarded by the Collector and all such additional information and or assistance that the company may require.

(2) No admission, offer, promise or payments shall be made or given by or on behalf of the Insured owner under this policy without the written consent of the Company.

(3) The Company shall not be liable for any claim for relief made after five years from the date of occurrence of the accident.

(4) The Insured Owner shall keep record of annual turnover, and at the time of renewal of insurance declare such turnover and all other details as may be required by the Company. The Company shall at all reasonable times have full rights to call for and examine such records.

(5) If at the time of happening of any accident resulting in a claim under this policy there be any other insurance covering the same liability, then the Company shall not be liable to pay or contribute more than its ratable proportion of such liability.

(6) This policy may be cancelled by the Insured Owner by giving 30 days notice in writing to the company in which event the Company will retain premium at short period scale subject to there not having occurred an accident during the policy period which may give rise to a claims(s), failing which no refund of premium shall be allowable.

(7) This Policy may also be cancelled by the Insurer by giving 30 days notice in writing to the Insured Owner in which event the Company shall be liable to repay on demand a rateable proportion of the premium for the unexpired term from the date of cancellation.

(8) If the Company shall disclaim liability to the Insured Owner for any claim hereunder and such claim shall not within 12 calendar months from the date of such disclaimer have been made the subject matter of a suit in a competent court of law, then the claim for the practical purposes shall be deemed to have been abandoned and shall not thereafter be recoverable hereunder or be made the subject matter of any suit.

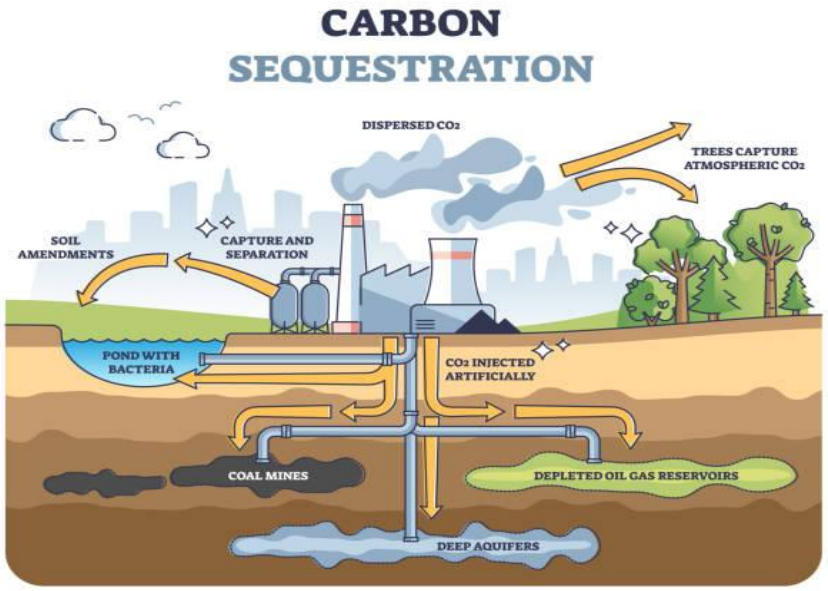
(9) The Company shall not be liable to make any payment in respect of any claim if such claim shall be in any manner fraudulent or supported, by any person on behalf of the Insured Owner and/or if the insurance has been continued in consequence of any material misstatement or non disclosure of any material information by or on behalf of the Insured Owner. In such a case if the Company pays any amount to the claimant due to any statutory provision such amount shall be recoverable from the Insured Owner.

(10) The Policy and the Schedule shall be read together as one contract and any word or expression to which a specific meaning has been assigned in the Act and the Rules framed thereunder or this Policy shall bear such specific meaning.

(11) Any dispute regarding interpretation of the terms, conditions and exceptions of this Policy shall be determined in accordance with the law and practice of a court of competent jurisdiction within India.

SCANIA STEELS & POWERS LIMITED

STUDY REPORT



CARBON FOOTPRINT & CARBON SEQUESTRATION

:: Plant Location ::

Village - Punjipatra, Tehsil - Tamnar, District - Raigarh, State - Chhattisgarhpansion.

Introduction

In 2015, the global response to the threat of climate change took a step forward when 190 nations adopted the Paris Agreement. In 2019, the United Nations announced that over 60 countries including the United Kingdom and the European Union (with the exception of Poland) had committed to carbon neutrality by 2050. Moreover, some nations have pledged to work toward earlier dates. Together, these agreements have led to growing pressure to pursue decarbonization across all industrial sectors.

India's Nationally Determined Contribution (NDC's) primarily targets by 2030 a reduction in the emissions intensity of Gross Domestic Product (GDP) by 33 to 35 percent; achieving about 40 percent installed power capacity from non-fossil fuel-based energy resources; energy efficiency; and creating an additional carbon sink of 2.5-3 billion tonnes of carbon dioxide equivalent through additional forest and tree cover.

Steel is one of the core pillars of today's society and, as one of the most important engineering and construction materials, it is present in many aspects of our lives. However, the industry now needs to cope with pressure to reduce its carbon footprint from both environmental and economic perspectives. Currently the steel industry is among the three biggest producers of carbon dioxide, with emissions being produced by a limited number of locations; steel plants are therefore a good candidate for decarbonization. While the industry must adapt to these new circumstances, it can also use them as a chance to safeguard its license to continue operating in the long term.

The direct CO_2 intensity of crude steel production has been relatively constant in the past few years. In contrast, in the Net Zero Emissions by 2050 Scenario it falls an average 4% annually between 2020 and 2030. Achieving this reduction and maintaining it after 2030 will not be easy. Potential for energy efficiency improvements will likely soon be exhausted. Thus, innovation in the upcoming decade will be crucial to commercialise new low-emissions processes, including those that integrate CCUS and hydrogen, to realise the long-term transformational change required. Governments can help by providing RD&D funding, creating a market for near-zero-emissions steel, adopting policies for mandatory CO_2 emissions reductions, expanding international co-operation and developing supporting infrastructure.

In this report, the carbon footprints from different factors of M/s. Scania Steels & Powers Limited has been determined and the carbon sequestration data from the unit has been accessed to have an insight on annual carbon emissions from the unit.

This report also provides measures to further reduce the carbon emissions from the unit through implementation of new cleaner technological advances and sustainable environment methods.

Carbon Footprint

Carbon footprint (CF) is used to measure the impact of human activities on natural ecosystems, the relative size of human consumption on ecosystems, and it emphasizes on the effect of carbon emission of human energy activities on atmospheric environment. Based on different industries, different levels have been formulated and different greenhouse gases have been considered. Six kinds of greenhouse gas emissions such as CO_2, CH_4 and N_2O produced by human activities in the country have been estimated. The carbon footprint is characterized in three levels: the first level comes from the direct carbon emissions of the institution itself; the second level expands the boundary to the direct carbon emissions of the Department that provides the energy sector; the third level includes the direct and indirect carbon emissions of the whole life cycle of the supply chain.

M/s Scania Steels and Powers Ltd. is operating one steel plant at Village: Punjipatra, Tehsil Tamnar, District Raigarh in Chhattisgarh with 4x100 TPD DRI Kilns along with Waste Heat Recovery Boiler (WHRB) based Captive Power Plant of 8 MW capacity.

In secondary steel making division, the company has installed 1 x 6 T + 1 x 8 T Induction Furnaces, which are not in operation and is implementing 2x15 T Induction Furnaces, which is in final stage of implementation.

Sl. No.	Plant	Product & Capacity	Status
1	4 X 100 TPD DRI Kilns	Sponge Iron - 1,32,0000 TPA	Under Operation
2	8 MW (WHRB Based) Captive Power Plant	Electrical Power	Under Operation
3	Steel Melt Shop		
	1 X 6 T & 1 X 8 T Induction Furnaces	Steel Billet - 1,35,000 TPA	Implemented but not in operation
	2 X 15 T Induction Furnaces		Under implementation

Based on the existing production data of **M/s. Scania Steels & Powers Ltd** and CO_2 Emission Factors for steel industry (*Source: Report on Greenhouse Gas Emissions from Major Industrial Sources –III Iron and Steel Production by International Energy Agency and USEPA; Technical Support Document for the Ferroalloy Production Sector: Proposed Rule for Mandatory Reporting of Greenhouse Gases;*), the CO_2 emissions are calculated and carbon footprints are tracked in the unit.

Following are the carbon emission calculations for **M/s. Scania Steels & Powers Ltd** based on the emission factors:

1. DRI Plant

4 X 100 TPD DRI Kilns are under operation at the existing plant of M/s. Scania Steels & Powers Ltd. Therefore, Carbon footprint from the existing sponge iron unit is worked out as following:

Unit	Production (TPA)	Emission Factor (ton CO_2/Ton of Sponge Iron)	CO2e Emissions due to Sponge Iron production (TPA)
DRI Plant (4 X 100 TPD)	1,32,000	1.3	1,71,600

2. Induction Furnace

In the existing plant 1 X 6 T & 1 X 8 T Induction Furnaces have been installed (presently not in operation) and 2 X 15 T Induction Furnaces are under implementation stage. No fossil fuel is being used and the steel melting is being done through electricity.

Following table shows the CO_2 emissions from the induction furnace operation:

Unit	Production (TPA)	Emission Factor (ton CO_2/Ton of steel)	CO_2e Emissions due to steel melting (TPA)
Induction Furnace (1 X6 T & 1X8 T)	1,35,000	0.18	24,300
Induction Furnace (2 x 15 Ton)			
Total			**24,300**

Thus, the cumulative CO_2e emitted from the project after considering the Induction Furnaces is 1,95,900 tons CO_2e/Annum.

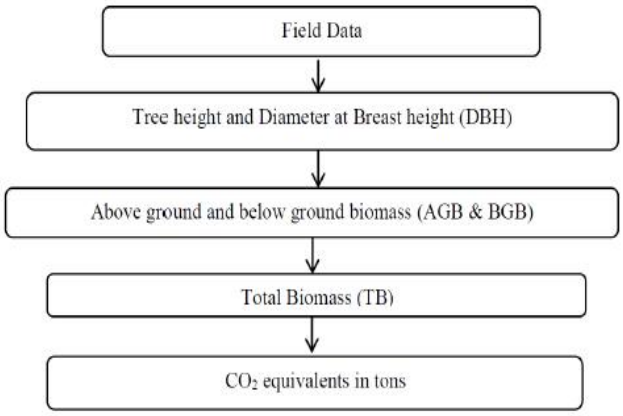
Carbon Sequestration

Carbon sequestration is defined as the removal of carbon dioxide from the atmosphere and storage in a system. Carbon sequestration is gaining its importance in carbon credit and trading. Identification of many CDM (Clean Development Mechanism) projects has offered special flexibility and relevance in the carbon reduction and has helped improve the national economy. These projects have estimated the quantity of carbon in various systems and their dynamics associated with it. With these estimations, several strategies and formulations have evolved quantifying and reducing the carbon foot print.

No doubt carbon sequestration can be achieved through various systems, but trees form to be the largest terrestrial sink of carbon dioxide. Therefore, the plantation is granted as the most efficient and biggest terrestrial carbon sequestration method. Out of the five most important terrestrial carbon sequestration system (above ground biomass, below ground biomass, litter, wood debris, and soil organic carbon), the above and below ground biomass are the top two in the pool. Biomass of trees develops when plants take in carbon dioxide from the atmosphere in the presence of sunlight and convert them into starch in their tissues. Several studies have revealed that the carbon content in these tissues is half their biomass. So, with their growth and development, trees go on sequestering CO_2 from the atmosphere and store in their tissues as carbohydrates. This continues until the death of the tree. The rate of carbon sequestration is however maximum during the early stages of growth in trees when trees try to produce more and more amount of food to grow, meet the energy required by them and to stabilize in their respective environmental conditions.

Estimation of Carbon Sequestration Potential of trees

There are generally two methods to estimate carbon sequestration in plant biomass. Direct method that involves cutting of the tree and Indirect method that is calculated through the above ground biomass and below ground biomass method without slashing the tree. Being ethically and ecologically sound, the second method was preferred for the present study.



Methodology for Carbon Sequestration from Trees

Based on the above, it is estimated that one hard wood tree absorbs 80 - 100 kg CO_2 per annum.

In the existing plant of Scania Steels & Powers Ltd., 19,625 numbers of trees are already planted on an area of 7.85 hectares (19.4 acres).

Existing Green Belt Developed

Trees filter particulates and are effective as sink of pollutants. Tree also reduces noise level and regulates the oxygen balance in the area by consuming released carbon dioxide. Hence, green development shall be part of pollution control measure adopted in the open spaces in the plant area.

Carbon Sequestration due to green belt development has been assessed as following:

A hard wood tree absorbs 80 - 100 kg CO_2 per annum.

Therefore, 19,625 trees absorb 19,625 x (90/1000) = **1,766.3 TPA CO_2 per annum.**

Estimation of Carbon Sequestration Potential of power generation through renewable source

A. 8 MW Captive Power Plant (WHRB BASED)

Point to be noted that 8 MW Captive Power Plant (WHRB Based) is utilizing waste heat from Sponge Iron Plant.

This 8 MW WHRB Based CPP will reduce the CO_2 emission equivalent to that emitted from 8 MW Coal based CPP.

Coal requirement for 8 MW Power generation will be 8x0.9 = 7.2 TPH.

Assuming 40% fixed carbon in Coal, total Carbon content will be 7.2x0.4 = 2.88 TPH

The Corresponding CO_2 generation will be (2.88x44)/12 = 10.56 TPH

Hence, CO_2 generation in a year will be = 10.56x24x330 = 83,635.2 TPA

Therefore, 8 MW WHRB based CPP ultimately results in the reduction of CO_2 emission by **83,635.2 TPA.**

B. INSTALLATION OF SOLAR POWER PLANT

The total capacity of Solar Power Plant is 3 KW i.e., 0.003 MW.

This will save coal burning to the extent of 0.0027 TPH (=0.003x0.9).

Total carbon reduction will be 0.0027 x 0.3 = 0.00081 TPH

Total CO_2 reduction will be 0.00081 TPH x (44/12) x 24 x 330 = **23.5 TPA**

Thus, the cumulative carbon sequestration through different carbon offsetting plan is worked out as **83,635 TPA + 23 TPA = 83,658 TPA**

Other mitigation measures to reduce Carbon Footprints

With the growing concern over climate change, steel makers are facing the challenge of finding ways of lowering CO_2 emissions without seriously undermining process efficiency or considerably adding to costs. The iron and steel industry is the largest industrial source of CO_2 emissions due to the energy intensity of steel production, its reliance on carbon-based fuels and reductants.

The technological compendium of industries suggests the need to shift from traditional carbon intensive technologies for iron and steel production to

low-carbon environment friendly technologies. Following are the measures which shall be adopted in coming years by the industries to reduce the overall carbon footprints.

- ✓ Energy Monitoring & Management System
- ✓ Secondary Fume Extraction System in Steel Melting Shop
- ✓ Regenerative Burners in Re-heating Furnaces of Rolling Mills
- ✓ Hot charging process of continuously cast products at higher temperature directly to Rolling Mills
- ✓ Direct Rolling Process eliminating the need for Re-heating furnaces
- ✓ Adoption of Variable Voltage Variable Frequency (VVVF) Drives for high capacity electric motors
- ✓ Increased Clean gas utilization
- ✓ Minimising energy consumption and improving the energy efficiency of the process
- ✓ Changing to a fuel and/or reducing agent with a lower CO2 emission factor; Capturing the CO2 and storing it underground.
- ✓ Sufficient and affordable renewable energy needs to be implemented in the industry
- ✓ Installing state of art cleaner technologies
- ✓ Afforestation and Plantation
- ✓ Metallurgical wastes (Slag, Sludge, scales, fines, dust) into Sintering contributes significantly for reducing carbon dioxide emissions
- ✓ Availability of supporting infrastructure (Carbon capture and storage (CCS) and Hydrogen networks) needs to be accelerated, especially for industries, to support the transition to low-carbon/carbon neutral technologies

Conclusion

M/s. Scania Steels & Powers Limited is committed to reduce the overall Green House Gases and Ambient pollution levels through its cleaner technologies and Ecological development activities. The company shall apply different techniques for reducing the carbon emissions further through carbon storage techniques (as and when available in Indian scenario), usage

of renewable energy resources, Use of Natural gases and Electric Vehicles and Development of Greenbelt.

To conclude, no single option can yield the necessary CO_2 emission reductions but a combination of technologies are available that can be retrofitted to achieve significant reductions, which is possible after commercial deployment of the same by the Government of India. If Carbon capture and storage (CCS) plant is implemented then steel plants could become near zero emitters of CO_2. The commercial viability of CCS partly depends on the price of carbon emissions which is set by government policy.

ANNEXURE 12

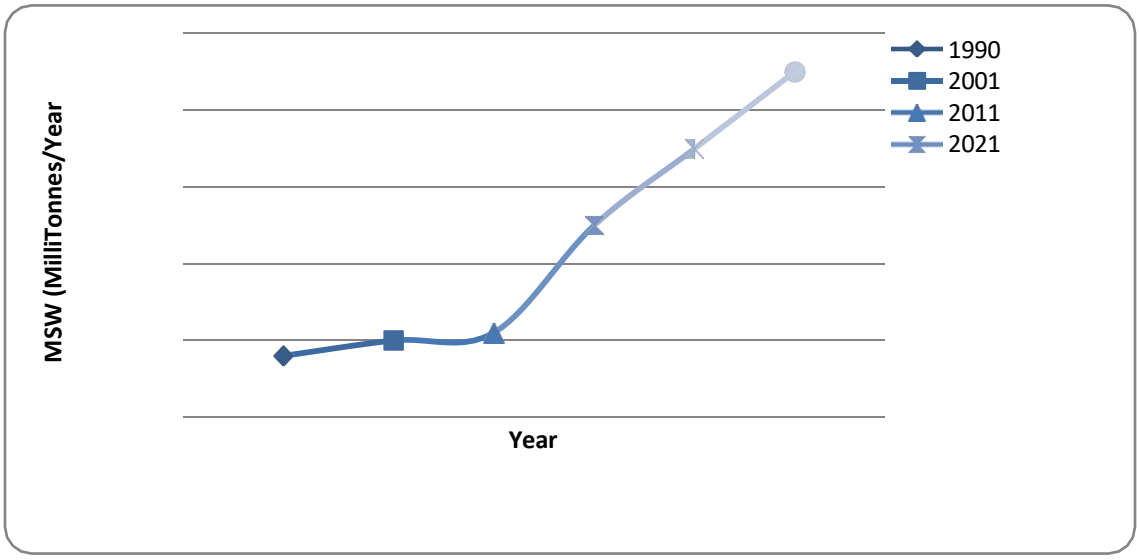
SOLAR POWER

PLASTIC WASTE MANAGEMENT
M/s SCANIA STEELS AND POWERS LTD.

Socio-Environmental Responsibility: Plastics are good, Plastics litter is the problem. It is not commercially viable for the waste pickers. Litter picking needs a separate viability gap funding, and so is its recycling, which is not so profitable either. Though most of the waste management laws are plastic centric, this small pieces of metalized plastics and carry bags are the main contentious issue in most of the other waste streams, and more so in MSW. A solution is developed here by harnessing, informal sector, recycling network in a workable formal setup. This can also meet the partial cost of litter management. ULBs give space as in the law, waste traders gets an identity, and the faceless waste pickers gets extra income with a little extra responsibility of litter free area management. The system has been test marketed and experimented. To innumerate:

1. The Rag Pickers / Scavengers, which are presently highly unorganized, need to be converted into an organized self –sustainable work force.
2. With proper system development Rag Pickers / Scavengers will get the right price for their work/effort.
3. With collection centers this work force can get better price for their work/effort and with better remunerations/income. Their social acceptability will also increase.
4. Presently Rag pickers/ Scavengers sort the plastic form dump heaps and foul smelling places. To work in these highly inhospitable environments, they tend to become drug addicts/alcoholics.

Figure 1 depicts the rapid growth of Municipal Solid Waste from 1990 to 2010 in India. The graph shows that the projected solid waste collection rising up to 235 Million ton/year in financial year 2041, which is shown in figure no. 1. These rising line also shows that, how the Indian cities are being engulfed into waste dump sites all around them. With a local baseline study in camera, the plastics waste left out at dumpsites is found to be 11%, which corroborates with a few national studies, could be a clean raw material for the recycling plant if collected from homes and is as envisaged in this report.



The projected solid waste collection rising up to 235 Million ton/year in financial year 2041

1.1 Objective

The law - Plastics Waste (Management and Handling) rules have been enacted in 2011, by Ministry of Environment, Forest and Climate Change, Government of India, and has yet not been implemented in any city or a municipal body in its correct form. For this there is a need for system designing, which encompasses the responsibility of municipal body, getting the plastics industry involved under extended producer responsibility and getting the informal sector in a formal regulated framework.

1.2 Description of Plastic Waste

Plastic products have become an integral part of our daily life as a basic need. It is produced on a massive scale worldwide and its production crosses the 150 million ton per year globally. In India approximately 8 Million ton plastic products are consumed every year (2008). Its broad range of application lies in films, wrapping materials, shopping and garbage bags, fluid containers, clothing, toys, household and industrial products, and building materials. It is a fact that plastics will never degrade and remains on landscape for several years. Mostly, plastics are recyclable but recycled products can again be recycled but the litter left over in earth system and water systems are more hazardous to the environment. The recycling of a virgin plastic material can be done many times, but after every recycling, the plastic material is deteriorated due to thermal pressure. Considering, 70% of plastic consumption is converted as waste over time, approximately 5.6 million ton per annum (TPA) plastic waste is generated in country, which equals to 15342 ton per day (TPD) (ref.2).

Plastic waste has a significant portion in total municipal solid waste. Though, there is a

formal system of waste collection in urban areas, however, informal sectors i.e. rag pickers, collect only value based plastics waste such as pet bottles etc. Plastic carry bags, metalized plastics and low quality plastic less than 20 micron do not figure in their priorities, because collecting them is not profitable. This is primarily because the rewards are not much as compared to the efforts required for collection, and this leads to plastic bags and other packaging materials continuing to pose a major threat to the environment.

Moreover, the major concern for this waste stream is that these are non-biodegradable and remains in the environment for many years. Clogging of drains by plastic waste is a common problem. The packaging and poly vinyl chloride (PVC) pipe industry are growing at 16-18% per year. The demand of plastics goods is increasing from house hold use to industrial applications. It is growing at an annual rate of 22% annually.

1.3 Sources of Plastic waste

Plastics can be used for many purposes, and thus, waste plastics are generated from a wide variety of sources. The main sources of plastic waste can be classified as follows: industrial, commercial and municipal waste.

- ***Industrial waste***

Industrial waste and rejected material (so-called primary waste) can be obtained from large plastics processing, manufacturing and packaging industries. Most of this waste material has relatively good physical characteristics; i.e., it is sufficiently clean.

It is not mixed with other materials. It has been exposed to high temperatures during the manufacturing process which may have decreased its characteristics, but it has not been used in any product applications. Many industries discard polyethylene film wrapping that has been used to protect goods delivered to the factory. This is an excellent material for reprocessing, because it is usually relatively thick, free from impurities and in ample supply.

Construction companies: e.g. PVC pipes and fittings, tiles and sheets.

Physical properties of waste plastics are given below.

Physical properties of waste plastics

Commercial Plastic material	Nature of Plastic	Thickness (μ)	Softening point (°C)
Cup	PE	150	100-120
Carry bag	PE	10	100-120
Water bottle	PET	210	170-180
Cool drinks bottle	PET	210	170-180
Chocolate covers	Polyester + PE + metalized polyester	20	155
Parcel cover	PE	50	100-120
Supari cover	Polyester + PE	60	120-135
Milk pouch	LDPE	60	100-120
Biscuit covers	Polyester + PE	40	170
Decoration papers	BOPP	100	110
Film	PE	50	120-130
Foam	PE	NA	100-110
Foam	PS	NA	110

Considerable amounts of waste plastics generated by many industries remain uncollected or end up at the municipal dump. Industries are often willing to cooperate with private collecting or reprocessing units.

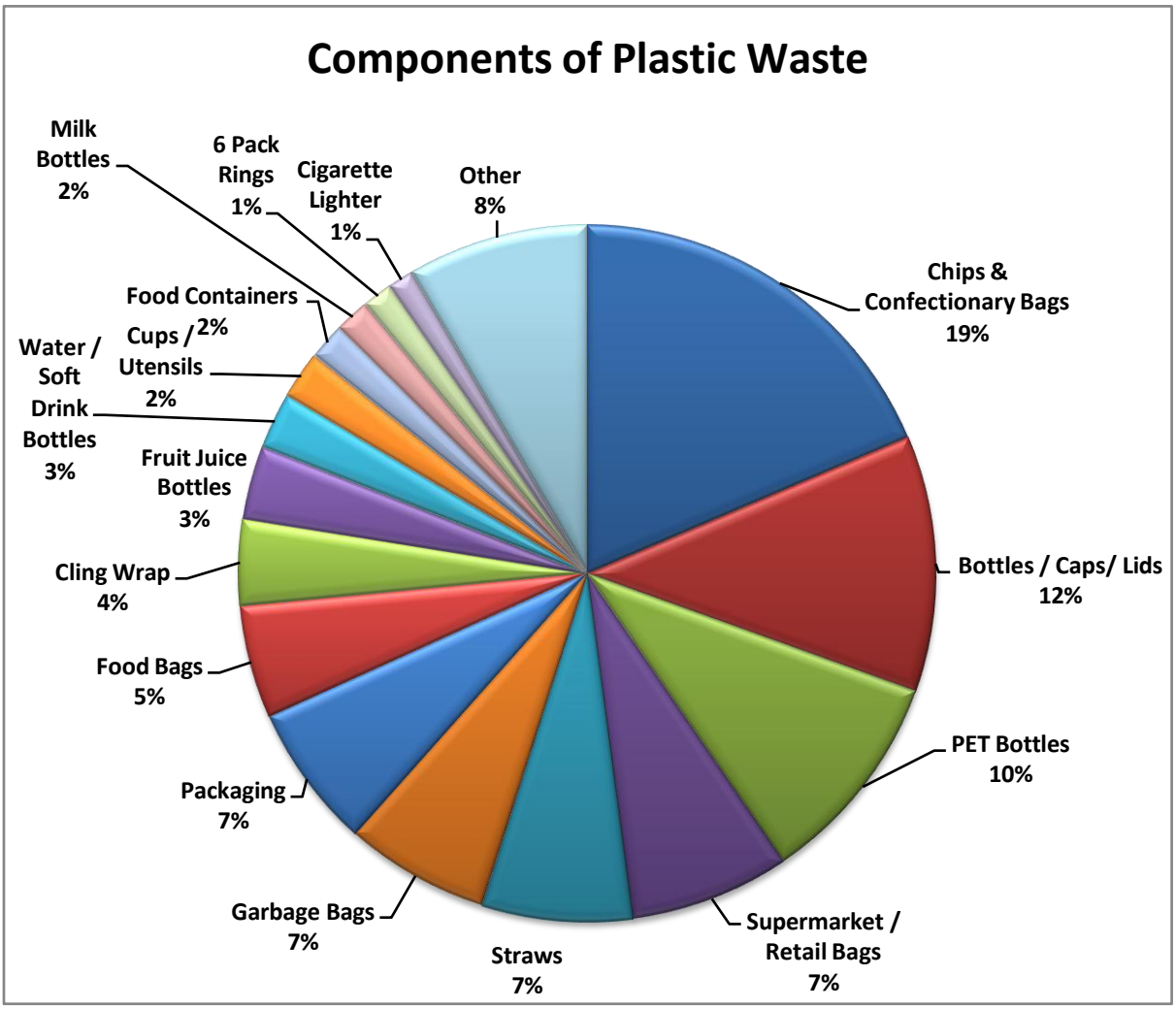
3.7.1 Commercial waste

Workshops, craftsmen, shops, supermarkets and wholesalers may be able to provide reasonable quantities of waste plastics for recovery. A great deal of such waste is likely to be in the form of packaging material made of PE, either clean or contaminated. Hotels and restaurants are often sources of contaminated PE material.

Approximate quantity of Plastic Waste –

- Total 2200 Kg Approx.
- Packaging Material - 250 Kg Approx.
- Electrical/Electronics – 150 Kg Approx.
- Refectory/Cement bags etc – 1800 Kg Approx.

Nature of Plastic Waste - Packaging Material, Electrical/Electronics, Refectory/Cement bags etc.


Components of Plastic Waste
Milk Bottles 2%
6 Pack Rings 1%
Cigarette Lighter 1%
Other 8%
Chips & Confectionary Bags 19%
Food Containers 2%
Cups / Utensils 2%
Water / Soft Drink Bottles 3%
Fruit Juice Bottles 3%
Cling Wrap 4%
Bottles / Caps/ Lids 12%
Food Bags 5%
PET Bottles 10%
Packaging 7%
Garbage Bags 7%
Straws 7%
Supermarket / Retail Bags 7%

PLASTIC WASTE MANAGEMENT

PLASTIC WASTE MANAGEMENT- GENERAL

1.2 PWM

Plastic Waste Management will involve activities associated with segregation, collection, storage, transportation, processing and disposal. Plastic waste disposal in an environmentally sustainable manner should be achieved by adopting principles of economy, aesthetics, and energy conservation and pollution control. It encompasses planning, organization, administration, financial, legal and engineering aspects involving interdisciplinary relationships.

With the aim of restrain littering and have proper disposal process for plastic waste, following activities are required to enforce in plastic waste management.

1.2.1 Two-Bin/bag collection System

In order to follow appropriate plastic disposal technologies, segregation at source is essential. The recyclable waste material should be separated from food waste and other biodegradable waste, in a separate bin at the source of waste generation, by having a two bin/bag system for waste storage. It is proposed to have recycling waste collector is a waste trader of the network, and gives a plastics bag free to every household.

The bags are clearly labeled/marked on them “Recyclable Waste” which could also be a bag for easy handling, since it will contain mostly dry waste and not wet “Bio-degradable Waste”. This will be replaced when full with another bag. This way the plastic waste is separated out easily from other recyclable materials. The bio-degradable waste goes to the Municipal waste processing site for conversion into fertilizer and recyclable waste can be handed over to newly net worked this recycling system. The reuse of recyclable waste material will reduce processing cost drastically as well address the segregation needs and environment pollution.

1.2.2 Collection and transportation

The collection and transportation of plastic waste on a daily basis is an imperative step. Since the waste cannot be removed as fast as it is littered, it is stored and transported as soon as possible at specific pre-defined frequencies by private traders. The system of storage and types of vehicles are often compatible.

factors to be considered, the terminology, the organizations involved in developing these techniques and the legislation, which is driving the whole process forward. The ISO standards relating to environmental management are also discussed briefly in the document.

1.3 Recycling of Plastic Waste

The practice of recycling post-manufacturing plastic waste has been in vogue, since the last many years. The recycling of plastic is done through different methods. The compacted bales of plastic waste should reach the recycling units by a dedicated supply chain network on a daily basis. Recycling of plastics waste is carried with a view to make an alternative product for better profit.

1.4 Management of Plastic waste in Steel Industry

M/s Scania Steels and Powers Ltd. can utilize plastic waste in steelmaking. Packaging material plastic of big size have been used in civil work & rest will be disposed in negotiation with recyclers to dispose.

Through extensive research and development, innovative technologies are to be implemented to maximize the efficiency of plastic waste conversion. These technologies have enabled the industry to create steel with greater strength and durability, while also reducing emissions and waste.

Examples include using plastic-coated cables in electric arc furnaces, which results in better energy utilization and reduced emissions. On the other hand collaborative efforts between the plastics and steel industries are exploring novel ways to recycle plastic waste and integrate it into the steel making process. By doing this, not only could plastic waste be prevented from entering the environment, but it could also be repurposed to create an entirely new material. For example, shredding and melting plastic waste, it can be mixed with steel scrap before it is melted to create a composite material for use in numerous applications.

Key strategies to to spread awareness about banning plastic,:

Informative campaigns:

- Create posters, flyers, and social media graphics that illustrate the detrimental impacts of plastic waste on marine life, ecosystems, and human health.
- Organize presentations and workshops in schools, workplaces, and community centers to educate people about plastic pollution and its consequences.
- Share impactful videos and documentaries showcasing the plastic waste problem.

Promote reusable alternatives:

- Encourage people to use reusable shopping bags, water bottles, food containers, straws, and utensils.
- Highlight the benefits of switching to sustainable packaging options.
- Organize "Bring Your Own" campaigns at local businesses and events.

Community engagement:

- Conduct local clean-up drives to visually demonstrate the plastic pollution issue.
- Partner with local businesses and organizations to implement plastic reduction initiatives.
- Lobby for plastic bag bans and other environmentally friendly policies at the local level.

Social media activism:

- Utilize social media platforms like Facebook, Instagram, and Twitter to spread awareness, share informative content, and encourage others to take action.
- Use relevant hashtags to reach a wider audience.
- Host online petitions to advocate for plastic bans.

Target specific demographics:

- Develop tailored messaging for different groups like students, families, businesses, and policymakers.
- Collaborate with local schools to incorporate environmental education programs.

1.5 Conclusion

Incorporating plastic waste in steel production presents a cost-effective alternative, reducing the reliance on expensive raw materials.

Utilizing plastic waste into green steel opens a new solution to tackle plastic pollution. By adapting this approach, one can protect the environment, conserve resources, and work towards a circular economy and also presents a cost-effective alternative, reducing the reliance on expensive raw materials.

Spreading Public Awareness to ban Plastic

ANNEXURE XIV

PHOTOGRAPHS OF VACUUM CLEANER

Original Copy

TAX INVOICE

Devghar Agencies

5, Shri Hari Complex, Seth Kirodimal Chowk
Dhimrapur, Raigarh (C.G.)
Udyam No. : UDYAM-CG-13-0005186
GSTIN : 22ADYPA3467C1ZQ
Tel. : 9425250024 email : devgharagencies@yahoo.co.in

ECO OIL AND GREASES

Invoice No.	: G-12725	Transport	: (AA) Self
Dated	: 03-12-2024	Vehicle No.	:
Place of Supply	: Chhattisgarh (22)	Station	: PUNJIPATRA
Reverse Charge	: N	E-Way Bill No.	:
GR/RR No.	:		

Billed to :
SCANIA STEELS & POWERS LIMITED
22 KM STONE, GHARGHODA ROAD, PUNJIPATRA
Chhattisgarh, 496011

GSTIN / UIN : 22AAHCS4471R1ZT

Shipped to :
SCANIA STEELS & POWERS LIMITED
22 KM STONE, GHARGHODA ROAD, PUNJIPATRA
Chhattisgarh, 496011

GSTIN / UIN : 22AAHCS4471R1ZT

IRN : 67cc86c8a84baa3f600f303ea9607563c7cbce073ccd3a98d51bc5533168660f **Ack.No.** : 182417772181504 **Ack. Date** : 03-12-2024

S.N.	Description of Goods	HSN/SAC Code	Qty.	Unit	List Price	Discount	CGST Rate	CGST Amount	SGST Rate	SGST Amount	Amount( )
1.	VACCUM CLEANER GAS 400A	85081100	1.00	NOS	38,000.00	0.00 %	9.00 %	3,420.00	9.00 %	3,420.00	44,840.00
	Grand Total		**1.00**	**NOS**							**44,840.00**

Tax Rate	Taxable Amt.	CGST Amt.	SGST Amt.	Total Tax
18%	38,000.00	3,420.00	3,420.00	6,840.00

Rupees Forty Four Thousand Eight Hundred Forty Only

Bank Details : Kotak Mahindra Bank Ltd., Raigarh (C.G.)
A/c. No. 5612125608, IFSC: KKBK0006423

Terms & Conditions
E.& O.E.
1. Goods once sold will not be taken back.
2. Interest @ 18% p.a. will be charged if the payment is not made with in stipulated time
3. Subject to 'Chhattisgarh' Jurisdiction only.

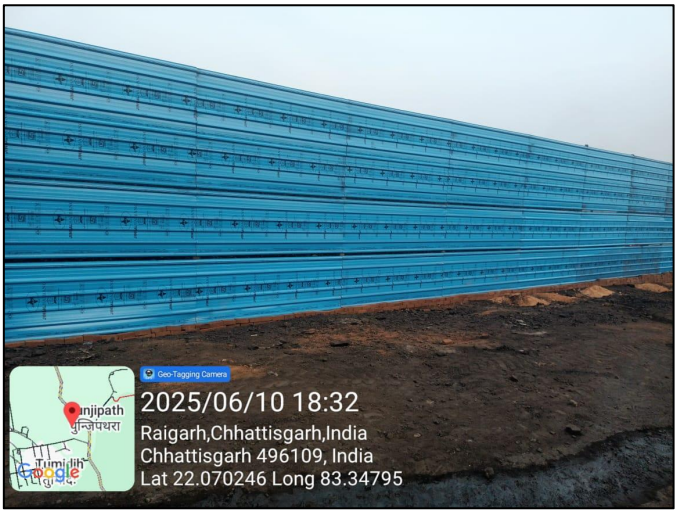
E-Invoice QR Code

Receiver's Signature :

For Devghar Agencies

Authorised Signatory

ANNEXURE XV



PHOTOGRAPHS OF WIND SHELTER AT STOCK YARD

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Accrediated by NABL, as per ISO/IEC 17025 :2017
- Laboratory Recognised by WBPCB
- Accredited EIA Consultant by QCI-NABET

100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India
☎ – + 91 33 40635011/2443 8127; email: eeplkol@gmail.com
CIN NO : U74210WB1989PTC047403

ANNEXURE XVI

Test Report on Heat Stress Management

Company Name : M/s Scania Steels and Powers Ltd.
Address : Village: Punjipatra, Tehsil Tamnar, District Raigarh in Chhattisgarh
Name of Department/ Plant : Sponge Iron Plant

Sl No	Location	Date &Time of Monitoring	T_{db} (^{0}C)	T_{nwb} (^{0}C)	T_g (^{0}C)	WBGT (^{0}C)	CAF	$WBGT_{eff}$ (^{0}C)	Metabolic Rate (Watt)	TLV (^{0}C)	Remarks
1	**Rotary kiln and cooler Section**	21.01.25 :10.00 AM	24	16.6	25.5	19.12	0	19.12	300	28.2	Comfortable Working Zone $WBGT_{eff}$ (^{0}C) < TLV (^{0}C)
2	**Product House**	21.01.25 :10.50 AM	24	16.5	25.3	19.01	0	19.01	300	28.2	Comfortable Working Zone $WBGT_{eff}$ (^{0}C) < TLV (^{0}C)

T_{db} (^{0}C) : The Dry Bulb Temperature
T_{nwb} (^{0}C) : The Natural Wet- Bulb Temperature
T_g (^{0}C) : The Globe Temperature
WBGT (^{0}C) : The Wet- Bulb Globe Temperature
CAF : Clothing Adjustment Factor
$WBGT_{eff}$ (^{0}C) : WBGT Effective
TLV : Threshold Limit Value
Ref. OSHA Technical Manual - Heat Stress

ENVIROTECH EAST PVT. LTD. 100, Kalikapur, Madurdaha Kolkata 700107

SCANIA STEELS & POWERS LIMITED

FORMERLY KNOWN AS
SIDHI VINAYAK SPONGE IRON PVT. LTD.
Office : R-19, Civil Township, Rourkela - 769 004 (Odisha)
Ph. : 0661-2400784, 2401791(O), Fax : 0661-2400007

ANNEXURE XVII

CORPORATE ENVIRONMENTAL POLICY

Scania Steels & Powers Ltd. is committed to:

1. Protect Environment and continually improve environmental performance by implementing an environmental management system as per ISO-14001: 2004, involving all employees.
2. Comply with applicable environmental legislations, regulations, special and general conditions laid down by the statutory bodies time to time.
3. Check, reduce and control of air pollution.
4. Strive to reduce, reuse and recycle the wastes.
5. Increase the competence of employees to reduce significant environmental impacts.
6. Conserve fuels, raw materials, water and energy.
7. Develop thick green belt in and around the plant.

for **M/s Scania Steels & Powers Limited**

SCANIA STEELS & POWERS LIMITED

Director

Sanjay Gadodia
Director

Factory Office : 22 K.M. Stone, Gharghoda Road, Village : Punjipathra, RAIGARH - 496011 (C.G.)
Phone : 07767-288016 / 17. 2005514, Fax : 07767 - 288015
Web Site : scaniasteels.com, E-mail : rourkela@scaniasteels.com

SCANIA STEELS & POWERS LIMITED

FORMERLY KNOWN AS

SIDHI VINAYAK SPONGE IRON PVT. LTD.

Registered Office : 22 K.M. Stone Gharghoda Road, Village : Punjipatra, **RAIGARH**-496011 (C.G.)

Phone : 07767 - 288016/17, 2005514, Fax : 288015

CIN - U74899CT1995PLC022711 E-mail : sidhivinayak_scan@yahoo.co.in

Details of Separate Environmental Management Cell: Name, designation, qualification of the officers.

Sl. No	Name Smt/ Shri	Qualification & Designation	EMC
1	Shri Pramod Kumar Biswal	Bsc. Math, Lab Hod DRI	8962062582
2	Shri Sanjeev Kumar Garhewal	Msc. Chemistry, Sr. Chemist, Lab HOD Power Plant	8319849811
3	Shri Pratap Nayak	Mechanical Diploma, Mechanical HOD	9348786290
4	Shri Hare Ram Singh	Diploma In Electrical, Electrical HOD	7000175016