MINING • STEEL • POWER

Prakash Sponge Iron & Power Pvt. Ltd.

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CIN : U27101KA2007PTC043812

No. PSIP/MoEF&CC/2023-24/11 DATE: 28.05.2024

To,

Scientist-F, Regional office (South Zone)
Ministry of Environment &Forests "Kendriya Sadan,
IV Floor, E &F Wing, 17th Main Road,
2nd block, Koramangala,
Bangalore-560034.

Sub: Submission of **Periodic compliance (Six monthly compliance) report & Project Status Report for the Period October 2023 - March 2024** with respect to Environmental Clearance Issued by Ministry of Environment Forest and climate change, New Delhi.

Ref: 1. Environmental Clearance No. J-11011/325/2010-1A-II (1), Dated 22.11.2011.

Dear Sir

With reference to the subject cited above, Ministry of Environment Forest and Climate Change, New Delhi has accorded the Environmental Clearance(Ref 1)for our proposed expansion and establishment of Integrated Mini Steel Plant at the existing premises at Heggere & Kaparahalli Village, Challakere Tq. & Chitradurga Dist., Karnataka.

As directed in the Environmental clearance, please find attached Periodical Compliance Report and Project Status Report for the Period of **October 2023 - March 2024** for your reference and record.

Thanking you,

Yours faithfully
For Prakash Sponge Iron and Power Private Limited

Authorized Signatory

Enc; As above

Copy to: 1. KSPCB regional office, Chitradurga.

Periodical Compliance Report

Period: October 2023 to March 2024

With respect to

Environmental Clearance

F. No. J-11011/325/2010-IA-II (I). Dated 22nd December 2011

Issued by

MoEF&CC, New Delhi.

Submitted by

M/s. Prakash Sponge Iron & Power Pvt. Ltd.

Heggere Village, Challekere Taluq

Chitradurga District

Compliance Report with respect to the Environmental Clearance issued by MoEFCC, New Delhi vide letter F. No. J-11011/325/2010-IA-II (I). Dated 22nd December 2011

Sl. No	Specific Conditions	Compliances
1	Compliance to all the specific and general conditions stipulated for the existing plant by the Central/State Government shall be ensured and regular reports submitted to the ministry's Regional Office at Bangalore/SPCB.	We are regularly submitting compliance reports to the ministry's Regional Office at Bangalore andKSPCB Regional office Chitradurga for the Specific and General conditions mentioned in Environmental clearance.
2	On-line ambient air quality monitoring and continuous stack monitoring facilities for the entire stack should be provided and sufficient air pollution control devices viz. electrostatic precipitator (ESP), and bag filters etc. shall be provided to keep the emission levels below 100 mg/Nm^3 by installing energy efficient technology.	We have installed the Online Continuous Emission monitoring system (OCEMS) for the stack of 60m height, which is attached to 3 number Rotary kilns through individual ESP systems and which is connected to CPCB server. The display unit installed at our plant and CPCB server link is Enclosed as **Annexure-1**. And we have installed two Continuous Ambient air quality monitoring station in the premises. The details of the existing Air pollution control equipment's are Enclosed as **Annexure-2** and we ensure that every equipment work efficiently and effectively to mitigate the air pollution.
3	The National Ambient Air Quality Standards issued by the ministry vide G.S.R No. 826(E) dated 16th November, 2009 should be followed.	We are following Ambient Air Quality Standards recommended by KSPCB - Bangalore and we are regularly updating our systems to comply to the requirements of latest Standards provided by the Ministry / KSPCB / CPCB.
4	Gaseous emission levels including secondary fugitive emissions from all the sources should be controlled within the latest permissible limits issued by the ministry vide G.S.R 414(E) dated 30th May, 2008 and regularly monitored. Guidelines / Code of Practice issued by the CPCB should be followed.	We have installed ESPs, Bag Filters and Cyclone separators to control Gaseous Emission. We have provided closed sheds for coal, Dolo char and water spraying system for iron ore storage area, material transfer area and roads. We are carrying out the handling of solid and hazardous waste scientifically. Photos exhibits the same is Enclosed as **Annexure-3.** And we are regularly updating for the latest Standards Provided by the Ministry / KSPCB / CPCB.

5	Dust suppression system and bag filters shall be installed to control the fugitive dust emissions at conveyor and transfer points. Product handling loading and unloading points.	Apart from the stipulated Air pollution control equipment's, the industry has installed additional bag filters in dense material transfer areas like stock house and kiln feed buildings. We have provided closed sheds for coal, Dolo char and water spraying system for iron ore storage area, material transfer area and roads. We are daily carrying out water spraying to control fugitive emissions. Photos exhibits the same is Enclosed as **Annexure-3.**
6	Hot gases from the DRI kiln shall be passed through After Burning Chamber (ABC) to burn CO completely and used in waste heat recovery boiler (WHRB). The gas then shall be cleared in ESP before dispersion out into the atmosphere through ID fan and stack. ESP shall be installed to control the particular emission from the WHRB.	We have ABC Chamber in our sponge iron kilns and CO is completely burning at the ABCs. Further gases are passing to WHRBs and then to ESPs before dispersion out into the atmosphere through ID fan and stack. Steam generation capacities of the WHRB boilers are as follows WHRB 1: 11 TPH WHRB 2: 11 TPH WHRB 3: 11 TPH
7	Total water requirement shall not exceed 111 m^3 /hr. The water consumption shall not exceed as per the standard prescribed for the sponge iron plants.	Currently the average water requirement of the industry is maintained within the stipulated limit of 111m3/hr and all the efforts are made to avoid the wastage of the water during the manufacturing process. Last 6 months water consumption details are enclosed as **Annexure-4.** Regular water consumption details is being submitted to KGWA and accordingly water restoration charges is also being paid.
8	Effort shall further be made to use maximum water from the rain water harvesting sources. Use of air-cooled condensers shall be explored and closed-circuit cooling system shall be provided to reduce water consumption and water requirement shall be modified accordingly. All the effluent should be treated and used for ash handling, dust suppression and green belt development. No effluent shall be discharged and 'zero' discharge shall be adopted. Sanitary sewage should be treated in septic tank followed by soak pit.	We have undertaken construction of RWH pond spreading over 36 Acres. We have constructed the borewell recharge structures(**14 nos)** contour trench and Loose boulder check dam, the photo exhibits the same is enclosed as **Annexure-5.** We are provided air-cooled condensers for captive power plant with closed-circuit cooling system which will reduce water consumption in the process. Currently the treated sewage water from 50KLD STP is re-used for green belt development.
9	All the char from DRI plant shall be utilized in FBC boiler of power plant and no char shall be disposed off anywhere else. FBC boiler shall be installed simultaneously along with the DRI plant to ensure full utilization of char from the beginning.	Currently industry has installed only WHRB boilers and selling excess char to Thermal power plants and brick manufacturing industries. The documents are enclosed as **Annexure-6.**

10	Proper utilization of fly ash shall be ensured as per Fly Ash notification 1999 and subsequent amendment in 2003 and 2009. All the fly ash should be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding should be submitted to the Ministry's Regional Office at Bangalore	Fly Ash based Brick manufacturing unit installed at our premises, sold outside and Solid waste details of the same is attached in **Annexure-7.** Material flow chart also enclosed in the above annexure.
11	Risk and Disaster Management Plan along with the mitigation measures should be prepared and a copy submitted to the ministry's Regional Office at Bangalore, SPCB and CPCB within three months of issue of environment clearance letter.	We have got an approved onsite emergency plan and the same is enclosed as **Annexure-8.**
12	As proposed, green belt shall be developed in 33 % of plant area. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	We have developed green belt covering 33 % of plant area with suitable local and endogenous species of plants. We are adopting the guidelines issued by CPCB on green belt development and scientifically planning for the green belt development. The list of plantation accordingly and plant layout with details of area is enclosed as **Annexure-9.**
13	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Sponge Iron Plants should be implemented.	Apart from the stipulated Air pollution control equipment's, the industry has installed additional bag filters in dense material transfer areas like stock house and kiln feed buildings. We have provided closed sheds for coal, Dolo char and water spraying system for iron ore storage area, material transfer area and roads. Photos exhibits the same is Enclosed as **Annexure-3.**
14	All the commitments made to the public during the public Hearing / Public Consultation meeting held on 6th July, 2011 shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office at Bangalore.	Since the major public hearing commitment is regarding providing employment to local people, we are carrying out the same. Apart from the public hearing commitments, the company is carrying out the CSR work according to the policy laid down by the company which is entrusting on the needs of the society. The expenditure details the CSR work is given in **Annexure-10** The status of the same is Enclosed as **Annexure-10.**
15	At least 5 % of the total cost of the project should earmarked towards the Enterprise Social Commitment (ESC) based on Public Hearing issues and item-wise details along with time bound action plan should be prepared and submitted to the ministry's Regional Office at Bangalore. Implementation of such program should be ensured accordingly in a time bound manner.	We are implementing the ESC in phase wise manner. CSR activities which are carried out during October 2023 – March 2024 and totalexpenditure towards CSR till date is enclosed as **Annexure-11.** A plan of CSR activities mentioned in **Annexure-10** Company carrying out CSR activities continuously as per the PH commitments and also as per the needs of the society.

16	The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel cooking. Mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project.	Project is in operation phase.

General Conditions		
1	The project authorities must strictly adhere to the stipulations made by the Karnataka State Pollution Control Board and the State Government.	Agreed upon. We are and we will strictly adhering to Karnataka State Pollution Control Board and the State Government norms.
2	No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment and Forest.	Agreed upon. While doing expansion or modification in theplant, we will take prior approval from MOEF.
3	The gaseous emission from various process unit shall conform to the load / mass based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters keeping in view keeping in view the nature of the industry and its size and location.	We follow the standards as per state pollution control board and we have installed equipment's and their capacities as per the scientific sponge Iron standards issued by MoEF&CC
4	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, SO2 and NOx are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this ministry including its Regional Office at Bangalore and the SPCB/CPCB once in six months.	Two Ambient air quality monitoring station is installed at the site as per the directions of MoEFCC and SPCB. The monitoring data from the same station is attached herewith in **Annexure-12** Ambient Air Quality Monitoring and Stack emission monitoring are conducted twice in a week by NABL and MoEF&CC approved laboratory, the reports of the same is regularly sent the KSPCB Regional office Chitradurga. monthly and to the Moef&cc regional office Bangalore every six months. The October 2023 to March 2024 monitoring report is Enclosed as **Annexure-12**.
5	Industrial wastewater shall be properly collected, treated so as to conform to the standards Prescribed under GSR 422 (E) dated 19th may 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	We are not generating any effluent.
6	The overall levels in and around the plant area shall be kept well within the standards (85 DBA) by providing noise control measures including acoustic hoods. Silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules. 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).	Provided acoustic enclosures for existing units and we have installed sophisticated latest equipment's to control the noise generation. Our green belt development is also towards avoiding noise going out of the premises. And we are conducting the regular monitoring to ensure that the noise levels are well within the prescribed standards. We are monitoring both work zone(85dbA) and ambient noise regularly. The latest monitoring report is Enclosed as **Annexure-13.**

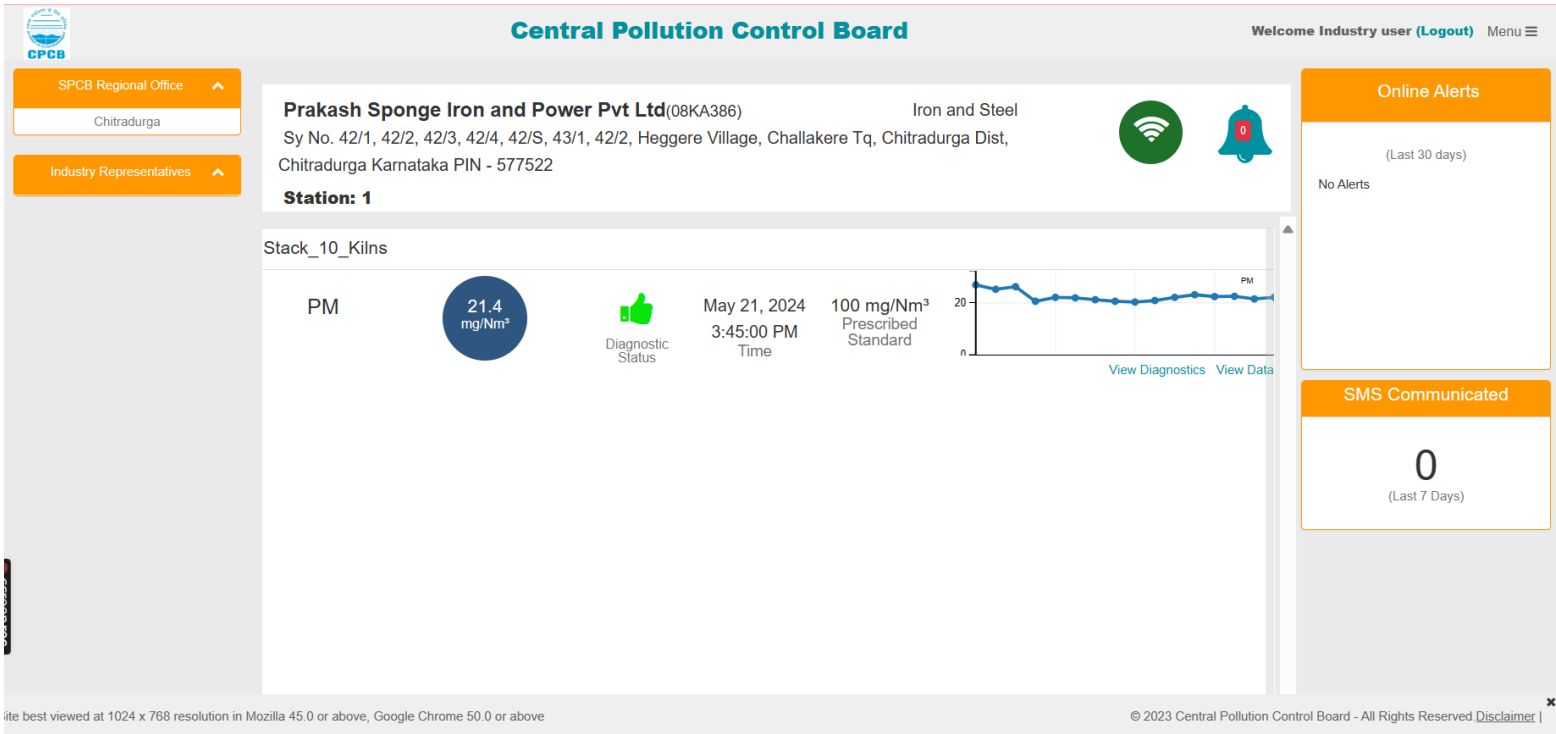
7	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	We are regularly conducting heath checkup of the employees once in every 12 months. We are maintaining all records prescribed as per the factories act accordingly. We have in-house Primary health center with dedicated medical staff working round the shifts. The details of the same is Enclosed as **Annexure-14.**

8	The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	We have constructed a rain water harvesting pond spread over 36 acres. We have provided the rain water collection system for all the sheds to collect the rain water and direct it to the rain water collection sump to collect the storm water. We have constructed Borewell recharge structures, contour trenchs and Loose boulder check dams. The photo exhibiting the same is enclosed as **Annexure-5.**
9	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP. Further the company must undertake socio-economic development activities in the surrounding villages like community development programs, educational programs, drinking water supply and health care etc.	We are following the EIA/EMP measures. The details of the existing Environmental pollution control equipment's are Enclosed as **Annexure-15** and we ensure that every equipment work efficiently and effectively to mitigate the environmental pollution. Also, as part of carbon foot print reduction activity we have established 7.1 MW WHRB, 3 MW ground mounted solar power plant and 3.6MW Roof Top solar to avoid emissions due to generation of electricity (If we had sourced from coal based thermal power plant). Thus generating around 60% of the plant electricity load on our own. **Thereby saving around 70,000 Tons of Co2e per year. The detailed calculation is attached in Annexure-15** The photos of the solar power plant and WHRB is attached in **Annexure-15** The Document of the socio-economic development activities is enclosed as **Annexure-11.**
10	Requisite amount shall be earmarked towards capital cost and recurring cost/annum for environment pollution control to implement the conditions stipulated by the ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bangalore. The funds so provided shall not be diverted for any other purpose.	We have implemented the pollution control measures and the cost incurred till date for environment pollution control along with recurring cost is given in **Annexure-15.**
11	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad /Municipal Corporation. Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	We have sent EC copy to Gram Panchayat Sanikere and it is published in local newspaper also. We Have published the copy of Environmental Clearence, Form-V and Half yearly compliance on our Company Website: www.ermgroup.in The photo showing the same is Enclosed in **Annexure-16**.

12	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF at Bangalore. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10, SO2, NOx (ambient levels as well as stack emission) or critical sectoral parameters. Indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	We have uploaded the compliance report for the environment clearance conditions at our company website www.ermgroup.in the copy of the same is Enclosed in **Annexure-16** and we update all prescribed data regularly. The monitored data is displayed at factory entrance gate at all times.
13	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF; the respective Zonal Office of CPCB/SPCB shall monitor the stipulated conditions.	We are submitting six-monthly compliance report on the status of the compliance of the stipulated environmental conditions including results of monitored data (by e-mail) to the Regional Office of MOEF and hard copy to KSPCB Chitradurga.
14	The environmental statement for each financial year ending 31st March in form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (protection) Rules. 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MoEF at Bangalore bye-mail.	We are submitting the annual environmental statement Form-V to KSPCB Regional office Chitradurga and the same is being uploaded at our company website www.ermgroup.n regularly the photo of website and the latest Form-V submitted copy is attached as **Annexure-16**. Also submitting the Form-V to MoEF&CC regional office through e-mail.
15	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment and Forests at http:/envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Bangalore.	After preserving the Environmental Clearence we have advertised the same in News papers the copy of the same is Enclosed as **Annexure-17.**
16	Project authorities shall inform the Regional Office as well as the ministry, the date of financial closure and final approval and final approval of the project by the concerned authorities and the date of commencing the land development work.	The project is currently in operational phase.

Annexure-1

OCEMS display unit installed in our plant



Our industry linked with CPCB OCEMS server 24/7

Annexure-2

M/S Prakash Sponge Iron and Power Pvt Ltd,
Heggere village, Challakere taluk Chitradurga dist.

Air Pollution Control Equipment

Sl.No	Used to Control	Unit for Which the Device is Provided	Name Of the Device	Capacity	Total Cost Of theunit with stack in Lakhs	Extras Information
1	Air Pollution	Iron Ore Screening House	Bag Filters	15000 m3/hr	11	Bag No'S = 90
2		Coal Screening House	Bag Filters	15000 m3/hr	11	Bag No'S = 90
3		Rotary Kiln-1	ESP-1	65000 m3/hr	352	No of Fields = 3
4		Rotary Kiln-2	ESP-2	65000 m3/hr		No of Fields = 3
5		Rotary Kiln-3	ESP-3	70000 m3/hr		No of Fields = 3
6		Stock house feed	Bag Filters	10000 m3/hr	15	Bag No'S = 110
7		Cooler Discharge	Bag Filters	25000 m3/hr	34	Bag No'S = 120
8		Intermediate Bin	Bag Filters	15000 m3/hr	11	Bag No'S = 90
9		Product House	Bag Filters	15000 m3/hr	34	Bag No'S = 90
10		Induction Furnance 1*12T - 1	Bag Filters	56300 m3/hr	38	Bag No'S = 400
11		Induction Furnance 1*12T - 2	Bag Filters	56300 m3/hr	36.5	Bag No'S = 400
12		Induction Furnance 1*12T - 3	Bag Filters	56300 m3/hr	37	Bag No'S = 400
13		Reheating Furnance Light StructureMill upto 100 mm	Cyclone Separator with wet Scrubber	7000 m3/hr	34.2	Dia of Wet Scrubbers = 1200mm Water flow = 20 m3/hr
14		Reheating Furnance Light StructureMill upto 300 mm	Cyclone Separator withwet Scrubber	25000 m3/hr	80	Dia of Wet Scrubbers = 2000mm Water flow = 50 m3/hr
15		Bag filter of cooler discharge	De-Dusting Fan	34,300 m3/hr	8	The sponge iron dust going to the bag filter will be suck through the DD fan and will be charged back into the kiln. Thereby avoiding solid waste generation from the

						bag filter
16		Continuous Ambient Air quality monitoring station	CAAQMS	--	2x6laks	For monitoring of ambient aur quality parameters.
18		Iron ore Junction House	Bag filter	5,000 Nm3/hr	6	Bag No's: 50
19		Product house	Dry fog gun	20 LPM	8	For suppression of SPM while product unloading
20		Product house	Telescopic chute		3.5	To avoid the dust while unloading of sponge iron fines into open truck
21		Water sprinkler system for dust suppression	Rain gun sprinkler	80 LPM	0.35	For dust suppression in the plant premises
Total Cost					**737.55**	

Annexure-3

Air Pollution Control Equipment's

1. RMHS Iron Ore Bag Filter

2. RMHS Coal Bag Filter

3. Cooler Discharge Bag Filter

4. I-BIN Bag Filter

5. Product House Bag Filter

Chimney Attached to Product House
Air Pollution Control App: Bag Filter
Chimney Height : 30 meters

6. ESP Chimney

Air pollution control Equipment's with chimney

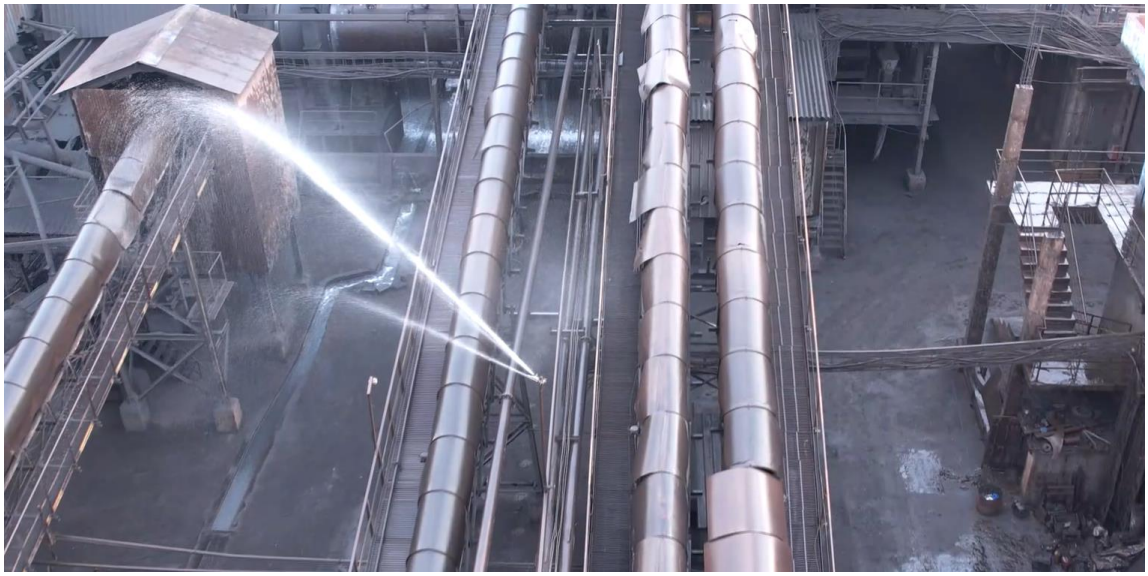
7. Fugitive Emission Control Measures

Concrete road with avenue Plantation

Sprinklers Installed at Mini Iron Ore Yard

Sprinklers Installed at Bottom Ash Handling Area

Sprinklers Installed at Coal Yard



Rain gun sprinkler system to control fugitive emission in DRI plant

Automatic vacuum suction road sweeping machine to keep internal roads clean.

Automatic sensor based telescopic chute to arrest dust emission while unloading fines.

Closed Coal Shed with Plantation Around

High pressure rain gun sprinkler for dust suppression in sponge iron area to avoid cola and iron ore dust.

Annexure-4

Sl. No	Water Flow Meter Location	KGWA Reg No	Opening Reading on 01/10/2023	Closing Reading on 31/10/2023	Water in Kilo Litres
1	Main Gate-BH-1	O1CLK/2017-18	36412.9	38831.2	**2418.3**
2	Main Gate- BH-2	O2CLK/2017-18	65774.8	68629.8	**2855**
3	Sponge Pump house	O3CLK/2017-18	59324	61027.3	**1703.3**
4	Anandappa Canteen	O5CLK/2017-18	10890	10890	**0**
5	Coal Yard	O6CLK/2017-18	32945.2	32945.2(Meter under maintenance)	**1600**
6	Brick Plant	O7CLK/2017-18	13229.8	13398.4	**168.6**
7	Labour Colony, BH-1	O8CLK/2017-18	26909	26909(Meter under maintenance)	**1200**
8	PSIPL canteen Opp	O9CLK/2017-18	8902.2	8998.2	**96**
9	Labour Colony, BH-2	10CLK/2017-18	13673.8	13779.4	**105.6**
10	Scrap Yard Point	INDUS-01 CLK/2020-21	12847.2	12948.1	**100.9**
11	Rolling Mill-1	INDUS-02 CLK/2020-21	120209	128208.2	**7999.2**
12	Rolling Mill-2	INDUS-03 CLK/2020-21	38344	38344	**0**
				Total	**18246.9**

Sl. No	Water Flow Meter Location	KGWA Reg No	Opening Reading on 01/11/2023	Closing Reading on 30/11/2023	Water in Kilo Litres
1	Main Gate-BH-1	O1CLK/2017-18	38831.2	40322.6	**1491.4**
2	Main Gate- BH-2	O2CLK/2017-18	68629.8	70246.5	**1616.7**
3	Sponge Pump house	O3CLK/2017-18	61027.3	62047.2	**1019.9**
4	Anandappa Canteen	O5CLK/2017-18	10890	10890	**0**
5	Coal Yard	O6CLK/2017-18	32945.2	32945.2(Meter under maintenance)	**1500**
6	Brick Plant	O7CLK/2017-18	13398.4	13920.4	**522**
7	Labour Colony, BH-1	O8CLK/2017-18	00	1148	**1148**
8	PSIPL canteen Opp	O9CLK/2017-18	8998.2	8998.2(Meter under maintenance)	**100**
9	Labour Colony, BH-2	10CLK/2017-18	13779.4	13780.4(Meter under maintenance)	**200**
10	Scrap Yard Point	INDUS-01 CLK/2020-21	12948.1	13102.1	**154**
11	Rolling Mill-1	INDUS-02 CLK/2020-21	128208.2	128208.2(Meter under maintenance)	**11000**
12	Rolling Mill-2	INDUS-03 CLK/2020-21	38344	38344	**0**
				Total	**18752**

Sl. No	Water Flow Meter Location	KGWA Reg No	Opening Reading on 01/12/2023	Closing Reading on 31/12/2023	Water in Kilo Litres
1	Main Gate-BH-1	O1CLK/2017-18	40322.6	43658	**3335.4**
2	Main Gate- BH-2	O2CLK/2017-18	70246.5	71183.9	**937.4**
3	Sponge Pump house	O3CLK/2017-18	62047.2	63047.2	**1000**
4	Anandappa Canteen	O5CLK/2017-18	10890	10891.8	**0**
5	Coal Yard	O6CLK/2017-18	32945.2	32987.2	**42**
6	Brick Plant	O7CLK/2017-18	13920.4	14413.2	**492.8**
7	Labour Colony, BH-1	O8CLK/2017-18	1148	2211	**1063**
8	PSIPL canteen Opp	O9CLK/2017-18	8998.2(Meter under maintenance)	8998.2	**500**
9	Labour Colony, BH-2	10CLK/2017-18	13780.4(Meter under maintenance)	13780.4	**250**
10	Scrap Yard Point	INDUS-01 CLK/2020-21	13102.1	13102.1	**154**
11	Rolling Mill-1	INDUS-02 CLK/2020-21	128208.2(Meter under maintenance)	128208.2	**11000**
12	Rolling Mill-2	INDUS-03 CLK/2020-21	38344	38344	**0**
				Total	**18,774.6**

Sl. No	Water Flow Meter Location	KGWA Reg No	Opening Reading on 01/01/2024	Closing Reading on 31/01/2024	Water in Kilo Litres
1	Main Gate-BH-1	O1CLK/2017-18	43658	46516.1	**2858.1**
2	Main Gate- BH-2	O2CLK/2017-18	71183.9	72568.6	**1384.7**
3	Sponge Pump house	O3CLK/2017-18	63047.2	63047.2(Under maintenance).	**1000**
4	Anandappa Canteen	O5CLK/2017-18	10891.8	10909.5	**17.7**
5	Coal Yard	O6CLK/2017-18	32987.2	33009.4	**22.2**
6	Brick Plant	O7CLK/2017-18	14413.2	15750.2	**1337**
7	Labour Colony, BH-1	O8CLK/2017-18	2211	2728	**517**
8	PSIPL canteen Opp	O9CLK/2017-18	8998.2	8998.2(Under maintenance)	**500**
9	Labour Colony, BH-2	10CLK/2017-18	13780.4	13847.3	**66.9**
10	Scrap Yard Point	INDUS-01 CLK/2020-21	13102.1	13102.1(Under maintenance)	**300**
11	Rolling Mill-1	INDUS-02 CLK/2020-21	128208.2	128208.2(Under maintenance)	**10000**
12	Rolling Mill-2	INDUS-03 CLK/2020-21	38344	38344	**0**
				Total	**18,003.6**

Sl. No	Water Flow Meter Location	KGWA Reg No	Opening Reading on 01/02/2024	Closing Reading on 29/02/2024	Water in Kilo Litres
1	Main Gate-BH-1	O1CLK/2017-18	46516.1	50171.2	**3655.1**
2	Main Gate- BH-2	O2CLK/2017-18	72568.6	73774.9	**1206.3**
3	Sponge Pump house	O3CLK/2017-18	63047.2(Under maintenance).	61969.2	**1200**
4	Anandappa Canteen	O5CLK/2017-18	10909.5	10909.5	**00**
5	Coal Yard	O6CLK/2017-18	33009.4	33365.9	**356.5**
6	Brick Plant	O7CLK/2017-18	15750.2(meter under maintenance)	15750.2	**1300**
7	Labour Colony, BH-1	O8CLK/2017-18	2728	2930	**202**
8	PSIPL canteen Opp	O9CLK/2017-18	8998.2	9217.5	**219.3**
9	Labour Colony, BH-2	10CLK/2017-18	13847.3	13942.1	**94.8**
10	Scrap Yard Point	INDUS-01 CLK/2020-21	13102.1(Under maintenance)	13102.1	**300**
11	Rolling Mill-1	INDUS-02 CLK/2020-21	128208.2	137812.2	**9604**
12	Rolling Mill-2	INDUS-03 CLK/2020-21	38344	38375.6	**31.6**
				Total	**18,169.6**

Sl. No	Water Flow Meter Location	KGWA Reg No	Opening Reading on 01/04/2024	Closing Reading on 30/04/2024	Water in Kilo Litres
1	Main Gate-BH-1	O1CLK/2017-18	53920.8	56404.1	**2483.3**
2	Main Gate- BH-2	O2CLK/2017-18	75319	76235.2	**916.2**
3	Sponge Pump house	O3CLK/2017-18	62768.2	62768.2(meter under maintenance)	**1100**
4	Anandappa Canteen	O5CLK/2017-18	10909.5	10909.5	**00**
5	Coal Yard	O6CLK/2017-18	33913.9	34174.1	**260.2**
6	Brick Plant	O7CLK/2017-18	16413	17107.5	**694.5**
7	Labour Colony, BH-1	O8CLK/2017-18	4410	5698	**1288**
8	PSIPL canteen Opp	O9CLK/2017-18	10243.4	11443.4	**1200**
9	Labour Colony, BH-2	10CLK/2017-18	13942.1	13942.1	**00**
10	Scrap Yard Point	INDUS-01 CLK/2020-21	13102.1	13102.1(Under maintenance)	**300**
11	Rolling Mill-1	INDUS-02 CLK/2020-21	144944	153731	**8787**
12	Rolling Mill-2	INDUS-03 CLK/2020-21	38376.5	38377	**00**
13	Section mill	14CLK/2020-21	5428	6287	**859**
				Total	**17888.2**

Annexure-5

Rain Water Storage Lake.

Megha rain water harvesting structure which is in an extent of 36 acres.

Contour Trench

Contour Trench – 1


01.09.2021 12:03
14°9'18.41"N 76°40'15.27"E
Karnataka 577522


PSIPL
Contour Treach
18.09.2021 11:14
14°9'18.37"N 76°40'15.06"E


PSIPL
Contour Treach
18.09.2021 11:16
14°9'18.18"N 76°40'15.49"E


PSIPL
Contour Treanch
08.10.2021 12:19
14°9'18.24"N 76°40'15.26"E
Karnataka 577522

Contour Trench – 2


PSIPL
02.09.2021 16:35
14°9'17.87"N 76°40'24.87"E
Karnataka 577522


PSIPL
Contour Treanch
08.10.2021 12:05
14°9'17.71"N 76°40'24.31"E
Karnataka 577522


PSIPL
Contour Treanch
08.10.2021 12:04
14°9'17.85"N 76°40'25.3"E
Karnataka 577522

Contour Trench – 3


31.08.2021 14:57
14°9'16.54"N 76°40'29.17"E


PSIPL
Contour Treach
03.09.2021 11:22
14°9'15.6"N 76°40'46.96"E
Karnataka 577522


PSIPL
Contour Treach
03.09.2021 11:23
14°9'16.15"N 76°40'31.43"E
Karnataka 577522


PSIPL
Contour Treach
16.09.2021 10:40
14°9'15.89"N 76°40'31.47"E


PSIPL
Contour Treach
16.09.2021 10:39
14°9'15.89"N 76°40'31.47"E


PSIPL
Contour Treanch
08.10.2021 11:46
14°9'16.54"N 76°40'30.53"E
Karnataka 577522

Contour Trench – 4:


PSIPL
Contour Treach
03.09.2021 12:23
14°9'6.86"N 76°40'34.67"E
Karnataka 577522


PSIPL
Contour Treach
15.09.2021 11:35
14°9'7.21"N 76°40'34.63"E
Karnataka 577522


PSIPL
Contour Treach
15.09.2021 11:34
14°9'7.18"N 76°40'34.41"E
Karnataka 577522

Rainwater Harvesting measures taken at M/s Prakash Songe Iron and power PrivateLtd.,

Percolation Pond

Percolation Pond – 1:

Percolation Pond – 2:

Loose Boulder Check Dam

Loose boulder Check Dam-1:


PSIPL
Loose Boulder Check Dam
08.10.2021 12:24
14°9'19.09"N 76°40'12.62"E
Karnataka 577522

Loose boulder Check Dam-2:

Borewell Recharge Structures built in the premises as part of groundwater restoration measures. – 14 No's

Annexure-6

Generation Source	Type of Solid waste	Generated Quantity during October- 2023 to December -2023 (MT)	Disposal / Utilization in MT	Closing Stock in MT
DRI	Char Lumps	1706.12	Sold Quantity = 1449.48	318.33
	DoloChar	5472.85	Sold Quantity = 8211.64	162.926
	Coal Ash	4427.35	Used for Brick Making and sold quantity = 3500/2177.18	1810.101
SMS	Slag	2802.51	Used for Brick Making = 2981.050	4791.223
	Mill scales	617.403	Sold Quantity = 877.54	361.14
	SMS Bag Filter dust	156.71	Sold Quantity = 71.020	287.53

Generation Source	Type of Solid waste	Generated Quantity during Jan- 2024 to March -2024 (MT)	Disposal / Utilization in MT	Closing Stock in MT
DRI	Char Lumps	1860.5	Sold Quantity =2035.18	143.65
	DoloChar	6044.49	Sold Quantity = 6067.14	140.276
	Coal Ash	3184	Used for Brick Making and sold quantity = 3500+1223.51	270.591
SMS	Slag	2784.76	Used for Brick Making = 3496.13	2285.423
	Mill scales	821.213	Sold Quantity = 677.84	504.513
	SMS Bag Filter dust	143.100	Sold Quantity = 76.310	354.32

CERTIFICATE OF SCIENTIFIC DISPOSAL OF BOILER ASH

To,
PRAKASH SPONGE IRON & POWER PVT. LTD.
Works: Survey No 42, 43, Heggere Village, Challakere Taluk, Lakkur Hobli,
Chitradurga - 577522
Office: No.32, (Old 421), 7th B Main, 4th Block Jayanagar
Bangalore - 560011

This is to certify that we have successfully used below mentioned quantities of "Boiler Ash" received from you in our Brick manufacturing process in which they were safely and completely disposed and therefore these do not exist anymore.

Duration : January – December 2023
Qty in Tonnes : 1,865.00

For **Wienerberger India Private Limited,**

Authorized Signatory

Wienerberger India Private Limited

Purchase orders and certificate given by the vendors for utilizing Dolochar in power plants and brick making

SHIP TO and BILL TO WORKS
MINERA STEEL & POWER PRIVATE LIMITED
Yerabanahalli Village, Sandur Taluk,Bellary Dist.
PIN-583115. KARNATAKA
Phone: (08392)237834/237830
Fax:(08392)237899/237799
Email:purchase@mineragroup.com

IMPORTANT
Consignments must be booked to BELLARY only other than door delivery

PURCHASE ORDER

PLEASE QUOTE PURCHASE ORDER NO , VENDOR CODENO.,MATERIAL CODE NO IN ALL CORRESPONDENCE.

minera

VAT REGNO .: 29260478661
LVO CODENO.: 490
CST REGNO .: 29260478661
TAN REGN .: BLRM10570A
TIN REGNNO.:29260478661

INCOME TAX NO .[PAN]:AACCK7567M
GSTIN.: 29AACCK7567M1ZR
IMPORT EXPORT CODE : 0706001974
CIN NO: U2710KA2006PTC038481

Vendor Code: 11042
Prakash Sponge Iron & Power Pvt.Ltd
Sy.no:42- 43 Heggere Village,Challa
Heggere 577522

India phone no: +9181952780006
Contact Name : Mr.Manjunatha KC
Mobile.no : +919986638147
Contact Email-id: manju.psipl@gmail.com
GSTIN: 29AAECP3749Q1ZQ

ORDER NO.: 4100003052/22-23
AMD.NO: 0
AMD.DATE:

DATE: 08.10.2022

VALIDITY: As Schedule

YOUR REF.NO. REPEAT ORDER

CGST :9.00 %
SGST :9.00 %

FREIGHT: Ex Works

PKG & FRDG. 0.00 %

INSURANCE: 0.00 %

PLANT CODE:	PLANT NAME:	PURCHASE REQUISITION REF.	DATE:
CPP1	Captive Power Plant	1000017534	24.09.2022

ITEM NO.	HSN CODE	MATERIAL CODE	DELIVERY SCH	UOM	QTY.	RATE	DISC	AMOUNT
10	2619.00.90	PR22100200013 Dolocher Procured (Char/Coal Dust) DOLOCHAR 0-4MM - GCV 2200-2500 APPROX.	31.10.2022	MT	500.00	1,440.67	0.00	720,335.00

Basic Total:	720,335.00
CGST @ 9.00 % :	64,830.00
SGST @ 9.00 % :	64,830.00
Grand Total:	849,995.00

REMARKS :

ORIGINAL BILL INVOICE SHOULD ACCOMPANY THE CONSIGNMENT.ALSO PLEASE SEND COPY OF INVOICE & D.C TO PURCHASE DEPT. IMMEDIATELY.AFTER DESPATCH OF THE MATERIAL DUE DATE SHALL BE CALCULATED FROM THE DATE OF STORE ENTRY AND IF YOU ARE REGISTERED UNDER MSME ACT, PLEASE SEND A COPY OF REGISTRATION CERTIFICATE.

PREPARED BY:	CHECKED BY:	REVIEWED BY:	FOR MINERA STEEL & POWER PRIVATE LIMITED
			AUTHORIZED SIGNATORY

Corporate Office: Prestige- Minera, No 6, 3rd Floor, Main Guard Cross Road, Shivajinagar, Bangalore # 560001. Karnataka, India.
T + 91 80 25550559 / 4169 3666, 4666. Email:Purchase@mineragroup.com Web:www.mineragroup.com

Annexure-7

Generation Source	Type of Solid waste	Generated Quantity during October- 2023 to December -2023 (MT)	Disposal / Utilization in MT	Closing Stock in MT
DRI	Char Lumps	1706.12	Sold Quantity = 1449.48	318.33
	DoloChar	5472.85	Sold Quantity = 8211.64	162.926
	Coal Ash	4427.35	Used for Brick Making and sold quantity = 3500/2177.18	1810.101
SMS	Slag	2802.51	Used for Brick Making = 2981.050	4791.223
	Mill scales	617.403	Sold Quantity = 877.54	361.14
	SMS Bag Filter dust	156.71	Sold Quantity = 71.020	287.53

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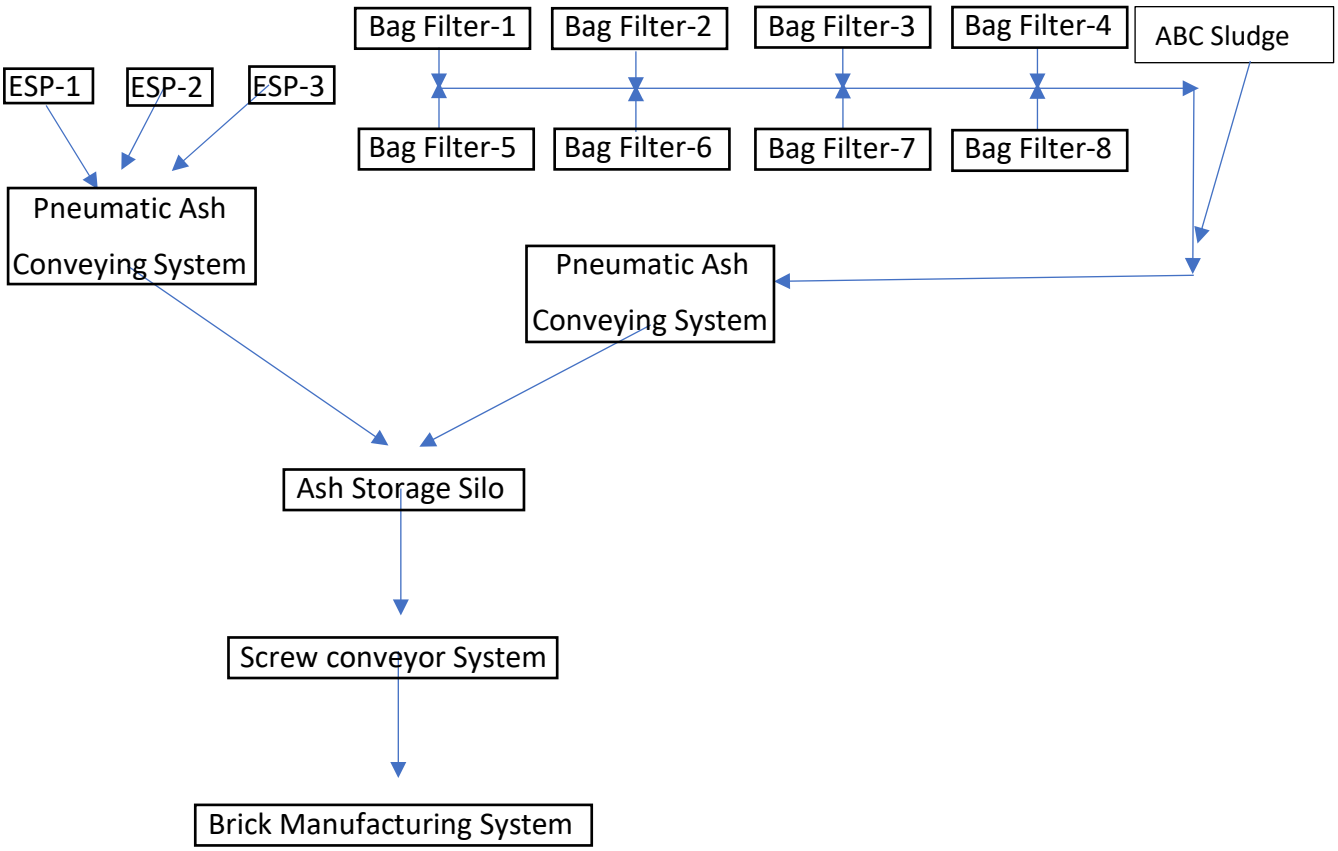
	DoloChar	6044.49	Sold Quantity = 6067.14	140.276
	Coal Ash	3184	Used for Brick Making and sold quantity = 3500+1223.51	270.591
SMS	Slag	2784.76	Used for Brick Making = 3496.13	2285.423
	Mill scales	821.213	Sold Quantity = 677.84	504.513
	SMS Bag Filter dust	143.100	Sold Quantity = 76.310	354.32

“Fly Ash Material balance sheet”



Annexure-8

ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಕಾರ್ಖಾನೆಗಳು, ಬಾಯ್ಲರುಗಳು, ಕೈಗಾರಿಕಾ ಸುರಕ್ಷತೆ ಮತ್ತು ಸ್ವಾಸ್ಥ್ಯ ಇಲಾಖೆ

ಸಂ: ಸಿಎಸ್ಎಂಸಿ/ಎಂಎಹೆಚ್ಸಿ/ಸಿಆರ್–09/2018–19

ನಿರ್ದೇಶಕರ ಕಾರ್ಯಾಲಯ,
ಕಾರ್ಮಿಕ ಭವನ, 2ನೇ ಮಹಡಿ, ಬನ್ನೇರುಘಟ್ಟ ರಸ್ತೆ,
ಬೆಂಗಳೂರು–560 029, ದಿನಾಂಕ: 09–05–2018

ನಿರ್ದೇಶಕರು, ಕಾರ್ಖಾನೆಗಳು, ಬಾಯ್ಲರುಗಳು, ಕೈಗಾರಿಕಾ ಸುರಕ್ಷತೆ ಮತ್ತು ಸ್ವಾಸ್ಥ್ಯ ಇಲಾಖೆ,
ಬೆಂಗಳೂರು, ಇವರ ನಡಾವಳಿಗಳು

ವಿಷಯ: ಕಾರ್ಖಾನೆಗಳ ಕಾಯ್ದೆ (1987 ರಲ್ಲಿ ತಿದ್ದುಪಡಿಗೊಂಡಂತೆ) 1948ರ ಪ್ರಕರಣ 41 (ಬಿ)(4) ರಡಿಯಲ್ಲಿ ಆನ್ಸೈಟ್ ಎಮರ್ಜೆನ್ಸಿ ಪ್ಲಾನ್ ಮತ್ತು ಡೀಟೇಲ್ಡ್ ಡಿಸಾಸ್ಟರ್ ಕಂಟ್ರೋಲ್ ಮೆಜರ್ಸ್ ಅನುಮೋದಿಸುವ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ: ತಮ್ಮ ದಾಖಲಾತಿಗಳನ್ನು ಸಲ್ಲಿಸಿರುವ ದಿನಾಂಕ: 05–05–2018.

* * *

ಶ್ರೀ. ಟಿ.ಜಿ. ಮಂಜುನಾಥ್, ಕಾರ್ಖಾನೆಗಳು, ಬಾಯ್ಲರುಗಳು, ಕೈಗಾರಿಕಾ ಸುರಕ್ಷತೆ ಮತ್ತು ಸ್ವಾಸ್ಥ್ಯ ಇಲಾಖೆಯ ನಿರ್ದೇಶಕರು, ಬೆಂಗಳೂರು, ಆದ ನಾನು ಕಾರ್ಖಾನೆಗಳ ಕಾಯ್ದೆ (1987 ರಲ್ಲಿ ತಿದ್ದುಪಡಿಗೊಂಡಂತೆ) 1948ರ ಪ್ರಕರಣ 41(ಬಿ) (4) ರಲ್ಲಿ ಪ್ರದತ್ತವಾಗಿರುವ ಅಧಿಕಾರವನ್ನು ಚಲಾಯಿಸುತ್ತಾ ಈ ಕೆಳಕಂಡ ಷರತ್ತಿನ ಮೇಲೆ **M/s. Prakash Sponge Iron & Power Pvt. Ltd., Sy. No. 42, 43, Heggere Village, Challakere Taluk, Chitradurga District-577 522.** ಈ ಕಾರ್ಖಾನೆಯ ಆನ್ ಸೈಟ್ ಎಮರ್ಜೆನ್ಸಿ ಪ್ಲಾನನ್ನು **ದಿನಾಂಕ: 08–05–2018** ರಂದು ಅನುಮೋದಿಸಿರುತ್ತೇನೆ.

1. ಕಾರ್ಖಾನೆಯಲ್ಲಿ ಉಪಯೋಗಿಸುವ ಅಪಾಯಕಾರಿ ರಾಸಾಯನಿಕಗಳು, ಅವುಗಳು ಶೇಖರಣಾ ಸಾಮರ್ಥ್ಯದಲ್ಲಿ ಬದಲಾವಣೆಯಾದಾಗ ಅಥವಾ ಹೆಚ್ಚುವರಿ ಕಾರ್ಯಾಚರಣೆ ಕೈಗೊಳ್ಳಬೇಕಾದಲ್ಲಿ ಹಾಗೂ ಮತ್ತಾವುದೇ ಬದಲಾವಣೆಗಳಾದಲ್ಲಿ ಅವುಗಳ ಬಗ್ಗೆ ಮೊದಲೇ ಕಾರ್ಖಾನೆಗಳು, ಬಾಯ್ಲರುಗಳು, ಕೈಗಾರಿಕಾ ಸುರಕ್ಷತೆ ಮತ್ತು ಸ್ವಾಸ್ಥ್ಯ ಇಲಾಖೆಯ ನಿರ್ದೇಶಕರಿಗೆ ತಿಳಿಸಿ ಪೂರ್ವಾನುಮತಿ ಪಡೆಯಬೇಕು ಹಾಗೂ ಸದರಿ ಬದಲಾವಣೆಗಳನ್ನು ಪರಿಗಣಿಸಿ ಪರಿಷ್ಕೃತ ಆನ್ಸೈಟ್ ಎಮರ್ಜೆನ್ಸಿ ಪ್ಲಾನನ್ನು ಮೂರು (03) ಪ್ರತಿಗಳಲ್ಲಿ ತಯಾರಿಸಿ ಸಲ್ಲಿಸಬೇಕು.
2. ಪರಿಸರ ರಕ್ಷಣೆ, ಕಾರ್ಮಿಕರ ಆರೋಗ್ಯ ಮತ್ತು ಸುರಕ್ಷತೆ ಬಗ್ಗೆ ಹೆಚ್ಚಿನ ಆದ್ಯತೆ ನೀಡಿ, ಸಂಬಂಧಿಸಿದ ಎಲ್ಲಾ ನಿಯಮಗಳನ್ನು ಕಟ್ಟುನಿಟ್ಟಾಗಿ ಪಾಲಿಸಬೇಕು.
3. ಕಾರ್ಖಾನೆಯಲ್ಲಿ ಕೆಲಸ ಮಾಡುವ ಎಲ್ಲಾ ಕೆಲಸಗಾರರಿಗೂ ಕಾರ್ಖಾನೆಯಲ್ಲಿ ಸಂಭವಿಸಬಹುದಾದ ಅಪಘಾತ ಅದರಿಂದಾಗಬಹುದಾದ ಅಪಾಯ ತುರ್ತು ಸ್ಥಿತಿಗಳಲ್ಲಿ ತೆಗೆದುಕೊಳ್ಳಬೇಕಾದ ಕ್ರಮ ಮತ್ತು ತುರ್ತು ಸ್ಥಿತಿಗಳ ನಿರ್ವಹಣೆ ಬಗ್ಗೆ ಹಾಗೂ ಆನ್ಸೈಟ್ ಎಮರ್ಜೆನ್ಸಿ ಪ್ಲಾನಿನ ಬಗ್ಗೆ ಮಾಹಿತಿ ನೀಡಲು ಮತ್ತು ಹೊಸದಾಗಿ ಕೆಲಸಕ್ಕೆ ಸೇರುವ ಕೆಲಸಗಾರರಿಗೂ ಈ ಎಲ್ಲಾ ಮಾಹಿತಿ ಮತ್ತು ತರಬೇತಿಗಳನ್ನು ನೀಡುವ ಕ್ರಮ ತೆಗೆದುಕೊಳ್ಳುವುದು.
4. ಅನುಮೋದಿಸಿದ ಆನ್ಸೈಟ್ ಎಮರ್ಜೆನ್ಸಿ ಪ್ಲಾನಿನ ರಿಹರ್ಸಲ್ ಅನ್ನು ಪ್ರತಿ ಆರು (06) ತಿಂಗಳಿಗೊಮ್ಮೆ ಕೈಗೊಂಡು ಈ ಇಲಾಖೆಗೆ ಹಾಗೂ ಸಂಬಂಧಿಸಿದ ಜಿಲ್ಲಾಧಿಕಾರಿಗಳಿಗೆ ವರದಿ ಮಾಡಬೇಕು.

(ಮಂಜುನಾಥ)
ನಿರ್ದೇಶಕರು,
ಕಾರ್ಖಾನೆಗಳು, ಬಾಯ್ಲರುಗಳು, ಕೈಗಾರಿಕಾ
ಮತ್ತು ಸ್ವಾಸ್ಥ್ಯ ಇಲಾಖೆ, ಬೆಂಗಳೂರು.

Occupier / Manager,
M/s. Prakash Sponge Iron &
Power Pvt. Ltd.,
Sy. No. 42, 43, Heggere Village,
Challakere Taluk,
Chitradurga District-577 522.

Annexure-9

Prakash Sponge Iron and Power Private Limited Plantation details from2011 – March 2024.

Sl.No	Species	Inside plant	Green belt	Gap Plantation	Survival Rate in %	Total
			Local Species			
1	Rain tree	6000	4120	30	90	11150
2	Neem	124	4390	10	90	5524
3	Indian Beech Tree (Honge)	91	886	20	90	871
4	Jamun Fruit	49	46		90	95
5	Fig tree		80		80	80
6	Shimaruba		201		71	201
7	Great Neem		453		70	453
8	Peepal Tree		72		80	72
9	Teak		4490		82	4490
10	Jack Fruit		50		75	50
11	Tamarind		550		75	1000
12	Subabul Tree	7270	3390		86	10960
			Indigenous Species			
13	Sandal		150		70	150
	Conacrpus	3500				3500
14	Gul-Mohar	1000	230		73	1230
15	Black Gold		26		70	26
16	Show Plants		25		70	25
17	Mango		15		80	15
18	Cherry		25		70	25
19	Asoka tree		800		60	800
20	Bamboo	500	20		90	520
21	Sweet Tamarind		340		70	340
22	Custard apple		25		70	25
23	Junglee badam tree		410		80	410
24	Papaya		20		70	20
25	Ficus		40			20
Total Till Now						42053

PLANT LAYOUT SHOWING THE DEVELOPMENT OF GREEN BELT AS PER THE ENVIRONMENT CLEARENCE-2011.

Green belt development all along the plant boundary.

Green belt development all along the plant boundary

Annexure-10

PH Commitments during environmental public hearing and CSR Activities

Sl. No.	PH Commitment	Action
1.	Employment For locals (PH commitment)	502 Nos from adjacent five GPs and from Karnataka state.
	CSR Activities	**Action**
2.	Local School Infrastructures	Carrying out the same
3.	Provision of scholarship for local students	Carrying out the same
4.	Providing uniforms to local schools and Anganwadi	Carrying out the same
5.	Organizing medical camps in Surrounding villages.	Carrying out the same
6.	Supporting of sports activities in local schools	Carrying out the same
7.	Supporting social and cultural programs @localvillages	Carrying out the same
8.	Providing RO filter drinking water to Surrounding villages.	Carrying out the same
9.	Supporting Goshala in chitradurga district	Carrying out the same

Annexure-11

Brief of CSR activities from October 2023- March 2024.

School Bag, Note Book, Water Bottle and Midday meal plates donated to all schools surrounding to the factory.

Sponsoring of Certificates, Medals, and mementos on Taluk Level Pratibha karanji of Govt. Schools at Challakere Taluk

Conduction menstrual hygiene awareness programme and donation of hygiene napkins to Govt. high school children at Sanikere and Kaparahalli villages

Conducting free Eye checkup and Spectacles donation camp at Kaparahalli village

Construction of School Toilet block at Govt. Lower Primary School, Jadekunte Village.

Construction of Anganawadi building at Gollahalli village, Hiriyuru Taluk, Chitradurga Dist.

Construction of Class Rooms at Govt. Higher Primary School, Kaparahalli village, Challakere Taluk, Chitradurga Dist.

Construction of School building at Govt. Higher Primary School, Kammat Marikunte village, Challakere Taluk, Chitradurga Dist.

Construction of Anganawadi Building at Heggere village, Challakere Taluk, Chitradurga Dist.

M/s.Prakash Sponge Iron & Power Private Ltd., Heggere village, Challakere Taluk, Chitradurga Dist.

Summary of CSR Activities from Oct - 2023 to Mar - 2024

Sl #	Description	Location	Cost Incurred	Beneficiaries
I	**Education**			
1	Donation of School Bag, Water bottle, steel plate and Note book to all Govt.School children surrounding to the factory	Surrounding village	**412300**	700 Children
2	Sponsorship on conducting Taluk level Pratibha Karanji of Challakere taluk held at Challakere	Challakere	**95000**	1500 Children
II	**Health**			
1	Expenditure towards conducting menstrual hygiene awareness programme and donation of pads to high school children	Surrounding villages to the factory	**12458**	150 Children
2	Towards expenditure on conducting Eye camp at Kaparahalli	Kaparahalli	**60575**	250 people
III	**Agricultural & Livelihood**			
1	Skill Development Training at Sanikere	Surrounding villages	**34800**	16 people
2	Donation of Cattle feed	Kurudihalli	**84300**	60 Cows
3	Providing bricks to Bavaji ashrama	Kurudihalli	**187500**	60 Cows
IV	**Drinking water & Sanitation**			
1	Towards construction RO Plant at BL Gowda nagara	BL Gowda Nagara	**2000**	70 Families
2	Towards service expenditure of RO Plant at Kaparahalli	Kaparahalli	**2000**	250 Families
3	Construction of School Toilet block at GLP School Jadekunte	Jadekunte	**428363**	70 Children
4	Towards providing pump, motor, cable & Starter box for drinking water arrangement at Gowrasamudra	Challakere	**89420**	25000 people
V	**Infrastructure**			
1	Towards construction of Anganawadi building at Gollahalli village	Gollahalli	**251932.85**	28 Children
2	Towards construction of Class rooms at GHP School at Kaparahalli	Kaparahalli	**301870**	125 Children
3	Towards construction of School building at GHP School at K.Marikunte	K.Marikunte	**79332**	70 Children
4	Towards construction of Anganawadi (B Center) building at GHP School at Heggere	Heggere	**393062**	22 Children
5	Providing Stainless Steel Pole Hang to Marappanahalli village Chitradurga	Chitradurga	**15000**	750 People

VI	Cultural & Social Activity			
1	Towards donation of lighting and shamiyana arrangement on Dasara festival at Kaparahalli	Kaparahalli	**35000**	2500 people
2	Donation on celebration of Kannada Rajyotsava at Hiriyuru	Hiriryur	**10000**	5000 People
3	Providing ration towards Sri Anjaneyaswamy temple at Heggere Village	Heggere	**9420**	800 people
4	Conducting Socio-economic Survey of villages surrounding to the factory	Surrounding villages	**110252**	NA
5	Providing ration towards Sri Durgamma temple at Heggere Village	Heggere	**20674**	3500 people
6	Donation of ration items on Sri Bhooteshwara temple at Jadekunte	Jadekunte	**13380**	1500 People

Expenditure incurred towards CRS Till date

Prakash Sponge Iron & Power Private Ltd., Heggere village,Challakere Taluk, Chitradurga Dist.		
Summary of CSR Activities from April 2010-March- 24		
Sl. No	Year wise spending on CSR Activities	Cost spent in Rs.
1	2010-2011	289100
2	2011-2012	243000
3	2012-2013	87000
4	2013-2014	-
5	2014-2015	3,35,663
6	2015-2016	13,41,883
7	2016-2017	5,38,459
8	2017-2018	13,52,344
9	2018-2019	30,57,513
10	2019-2020	25,37,441
11	2020-2021	53,77,662
12	2021-2022	1,33,27,243
13	2022-2023	1,40,81,857
14	2023-2024	86,91,718
	Grand Total	5,12,60,883

Annexure-12

CAAQMS DATA FROM OCTOBER 2023 TO MARCH 2024

To Date	$PM_{2.5}$ (µg/m³)	PM_{10} (µg/m³)	NO_2 (µg/m³)	SO_2 (µg/m³)	
01-10-2023 23:59	11.91	22.57	90.14		0
02-10-2023 23:59	14.54	27.88	70.52		0
03-10-2023 23:59	14.37	27.34	63.39		0
04-10-2023 23:59	13.85	26.4	97.78		0
05-10-2023 23:59	14.62	28.2	67.52		0
06-10-2023 23:59	15.63	30.16	60.39		0
07-10-2023 23:59	15.52	30.07	97.78		0
08-10-2023 23:59	17.25	33.89	64.52		0
09-10-2023 23:59	12.4	24.16	57.39		0
10-10-2023 23:59	25	41.67	97.78		0
11-10-2023 23:59	25.2	44.16	61.52		0
12-10-2023 23:59	22.48	38.57	54.39		0
13-10-2023 23:59	17.33	31.01	97.78		0
14-10-2023 23:59	21.35	38.15	58.52		0
15-10-2023 23:59	25.67	44.83	51.39		0
16-10-2023 23:59	36.84	63.45	52.78		0
17-10-2023 23:59	48.23	83.93	77.69		0
18-10-2023 23:59	50.82	88.51	67.64		0
19-10-2023 23:59	57.86	100.19	57.78		0
20-10-2023 23:59	43.45	73.47	77.69		0
21-10-2023 23:59	30.06	52.73	67.64		0
22-10-2023 23:59	18.81	32.24	57.78		0
23-10-2023 23:59	14.51	23.5	77.69		0
24-10-2023 23:59	20.39	34.68	67.64		0
25-10-2023 23:59	33.98	58.83	57.78		0
26-10-2023 23:59	39.55	72.83	77.69		0
27-10-2023 23:59	42.35	75.4	77.69		0
28-10-2023 23:59	49	85.36	67.64		0
29-10-2023 23:59	53.86	97.44	57.78		0
30-10-2023 23:59	61.23	109.99	77.69		0
31-10-2023 23:59	68.79	125.22	67.64		0
01-11-2023 23:59	58.82	108.8	57.78		0
02-11-2023 23:59	40.92	74.85	77.69		0
03-11-2023 23:59	34.32	64.41	77.69		0
04-11-2023 23:59	42.03	78.22	67.64		0
05-11-2023 23:59	38.89	73.97	57.78		0
06-11-2023 23:59	37.14	72.74	77.69		0
07-11-2023 23:59	23.27	46.49	67.64		0
08-11-2023 23:59	21.94	43.55	57.78		0
09-11-2023 23:59	27.29	53.94	77.69		0
10-11-2023 23:59	30.06	56.69	77.69		0
11-11-2023 23:59	28.9	53.82	67.64		0
12-11-2023 23:59	29.1	53.6	57.78		0
13-11-2023 23:59	29.2	54.32	77.69		0
14-11-2023 23:59	36.56	68.41	67.64		0
15-11-2023 23:59	48.88	75.12	57.78		0
16-11-2023 23:59	53.69	78.41	77.69		0

To Date	$PM_{2.5}$ (µg/m³)	PM_{10} (µg/m³)	NO_2 (µg/m³)	SO_2 (µg/m³)
17-11-2023 23:59	40.47	68.14	77.69	0
18-11-2023 23:59	27.38	45.47	67.64	0
19-11-2023 23:59	25	41.67	57.78	0
20-11-2023 23:59	25.2	44.16	77.69	0
21-11-2023 23:59	22.48	38.57	67.64	0
22-11-2023 23:59	17.33	31.01	57.78	0
23-11-2023 23:59	21.35	38.15	77.69	0
24-11-2023 23:59	25.67	44.83	77.69	0
25-11-2023 23:59	36.84	63.45	67.64	0
26-11-2023 23:59	48.23	78.52	57.78	0
27-11-2023 23:59	50.82	79.45	77.69	0
28-11-2023 23:59	57.86	74.52	67.64	0
29-11-2023 23:59	43.45	73.47	57.78	18.89
30-11-2023 23:59	30.06	52.73	77.69	0.05
01-12-2023 23:59	18.81	32.24	77.69	0.1
02-12-2023 23:59	14.51	23.5	67.64	0.08
03-12-2023 23:59	20.39	34.68	57.78	0
04-12-2023 23:59	33.98	58.83	77.69	0.1
05-12-2023 23:59	39.55	72.83	67.64	0.16
06-12-2023 23:59	42.35	75.4	57.78	0.58
07-12-2023 23:59	49	74.15	77.69	0.21
08-12-2023 23:59	29.2	54.32	77.69	0.08
09-12-2023 23:59	36.56	68.41	67.64	0.03
10-12-2023 23:59	48.88	78.42	57.78	0
11-12-2023 23:59	53.69	74.45	77.69	0
12-12-2023 23:59	40.47	68.14	67.64	0.03
13-12-2023 23:59	27.38	45.47	57.78	0.03
14-12-2023 23:59	25	41.67	77.69	0
15-12-2023 23:59	25.2	44.16	77.69	0
16-12-2023 23:59	22.48	38.57	67.64	0
17-12-2023 23:59	17.33	31.01	57.78	0
18-12-2023 23:59	21.35	38.15	77.69	0
19-12-2023 23:59	25.67	44.83	67.64	0
20-12-2023 23:59	36.84	63.45	57.78	0
21-12-2023 23:59	48.23	74.89	77.69	0
22-12-2023 23:59	50.82	78.45	77.69	0.03
23-12-2023 23:59	57.86	78.52	67.64	0
24-12-2023 23:59	43.45	73.47	57.78	0.03
25-12-2023 23:59	27.38	45.47	77.69	0.03
26-12-2023 23:59	25	41.67	67.64	0.05
27-12-2023 23:59	25.2	44.16	57.78	0.1
28-12-2023 23:59	22.48	38.57	77.69	0.39
29-12-2023 23:59	17.33	31.01	77.69	0.31
30-12-2023 23:59	21.35	38.15	67.64	0.24
31-12-2023 23:59	25.67	44.83	57.78	0.05
01-01-2024 23:59	36.84	63.45	77.69	0.03
02-01-2024 23:59	48.23	74.47	67.64	0
03-01-2024 23:59	50.82	75.68	57.78	0
04-01-2024 23:59	57.86	74.52	77.69	0

To Date	$PM_{2.5}$ (µg/m³)	PM_{10} (µg/m³)	NO_2 (µg/m³)	SO_2 (µg/m³)
05-01-2024 23:59	43.45	73.47	77.69	0.08
06-01-2024 23:59	30.06	52.73	67.64	0
07-01-2024 23:59	18.81	32.24	57.78	0.08
08-01-2024 23:59	14.51	23.5	77.69	0
09-01-2024 23:59	20.39	34.68	67.64	0
10-01-2024 23:59	33.98	58.83	57.78	0.03
11-01-2024 23:59	39.55	72.83	77.69	0.1
12-01-2024 23:59	42.35	75.4	77.69	0.05
13-01-2024 23:59	49	78.45	67.64	0.16
14-01-2024 23:59	53.86	74.12	57.78	0.05
15-01-2024 23:59	55.47	75.14	77.69	0.03
16-01-2024 23:59	55.78	74.14	67.64	0.16
17-01-2024 23:59	58.82	78.45	57.78	0.76
18-01-2024 23:59	40.92	74.85	77.69	0.05
19-01-2024 23:59	34.32	64.41	77.69	0.1
20-01-2024 23:59	42.03	78.22	67.64	0.24
21-01-2024 23:59	38.89	73.97	57.78	0.39
22-01-2024 23:59	37.14	72.74	77.69	0.13
23-01-2024 23:59	23.27	46.49	67.64	0.58
24-01-2024 23:59	21.94	43.55	57.78	1.1
25-01-2024 23:59	27.29	53.94	77.69	0.6
26-01-2024 23:59	30.06	56.69	77.69	0.26
27-01-2024 23:59	28.9	53.82	67.64	0.05
28-01-2024 23:59	29.1	53.6	57.78	0.42
29-01-2024 23:59	29.2	54.32	77.69	0.13
30-01-2024 23:59	36.56	68.41	67.64	0.21
31-01-2024 23:59	28.79	58.42	57.78	0.58
01-02-2024 23:59	22.44	44.27	77.69	1.57
02-02-2024 23:59	19.77	38.73	77.69	1.05
03-02-2024 23:59	25.78	49.63	67.64	0.58
04-02-2024 23:59	33.65	63.87	57.78	0.16
05-02-2024 23:59	25.84	51.01	77.69	0.1
06-02-2024 23:59	22.59	46.62	67.64	0.63
07-02-2024 23:59	22.39	45.53	57.78	0.73
08-02-2024 23:59	22.68	49.47	77.69	0.37
09-02-2024 23:59	24.98	50.75	77.69	0.37
10-02-2024 23:59	34.2	66.7	67.64	0.94
11-02-2024 23:59	55.45	74.48	57.78	1.28
12-02-2024 23:59	24.3	48.69	77.69	1.68
13-02-2024 23:59	25.09	53.29	67.64	1.05
14-02-2024 23:59	27.64	53.68	57.78	1.89
15-02-2024 23:59	25.51	49.9	77.69	1.18
16-02-2024 23:59	17.79	34.64	77.69	1.21
17-02-2024 23:59	27.73	53.71	67.64	0.45
18-02-2024 23:59	21.56	45.53	57.78	0.26
19-02-2024 23:59	20.31	42.43	77.69	0.81
20-02-2024 23:59	22.72	47.41	67.64	1.18
21-02-2024 23:59	22.63	46.93	57.78	1.83
22-02-2024 23:59	18.2	39.99	77.69	1.52

To Date	$PM_{2.5}$ (µg/m³)	PM_{10} (µg/m³)	NO_2 (µg/m³)	SO_2 (µg/m³)
23-02-2024 23:59	16.03	41.18	77.69	1
24-02-2024 23:59	19	44.76	67.64	1.55
25-02-2024 23:59	22.25	45.54	57.78	0.1
26-02-2024 23:59	25.05	47.28	77.69	0.31
27-02-2024 23:59	20.99	39.24	67.64	1.34
28-02-2024 23:59	24.72	49.7	57.78	0.21
29-02-2024 23:59	16.65	36.36	77.69	5.27
01-03-2024 23:59	21.22	44.75	77.69	10.66
02-03-2024 23:59	25.57	54.54	67.64	11.5
03-03-2024 23:59	30.31	59.68	57.78	11.29
04-03-2024 23:59	24.06	49.39	77.69	12.97
05-03-2024 23:59	24.2	49.35	67.64	13.05
06-03-2024 23:59	21.87	46.49	57.78	13.02
07-03-2024 23:59	19.44	41.32	77.69	13.05
08-03-2024 23:59	20.62	43.88	77.69	13.34
09-03-2024 23:59	21.96	46.29	67.64	13.21
10-03-2024 23:59	34.34	70.43	57.78	13.07
11-03-2024 23:59	40.07	78.6	77.69	12.94
12-03-2024 23:59	40.25	79.97	67.64	13.36
13-03-2024 23:59	42.5	84.01	57.78	13.13
14-03-2024 23:59	30.18	62.27	77.69	13.05
15-03-2024 23:59	25.68	56.01	77.69	13.05
16-03-2024 23:59	26.35	59.07	67.64	13.1
17-03-2024 23:59	31.74	68.41	57.78	13.52
18-03-2024 23:59	26.74	56.83	77.69	13.05
19-03-2024 23:59	29.18	63.36	67.64	13.13
20-03-2024 23:59	31.81	66.44	57.78	13.49
21-03-2024 23:59	31.18	59.62	77.69	12.89
22-03-2024 23:59	33.54	67.03	77.69	12.89
23-03-2024 23:59	26.31	55.11	67.64	13.15
24-03-2024 23:59	29.1	62.11	57.78	13.23
25-03-2024 23:59	23.56	49.63	77.69	13.07
26-03-2024 23:59	25.95	53.42	67.64	13.31
27-03-2024 23:59	23.23	48.65	57.78	13.34
28-03-2024 23:59	22.97	47.35	77.69	13.02
29-03-2024 23:59	33.47	66.42	77.69	13.39
30-03-2024 23:59	25.34	54.67	67.64	13.39

AAQM DATA MONITORED THROUGH NABL ACCREDITED LABORATORY FROM OCT-2023 TO MAR-2024.

MONTH	October - 2023. AAQM					
LOCATION	**Cooler Discharge**	**SMS and Re-heating**	**Staff Colony**	**Heggere Village**	**Gollahalli Village**	**Kaparahalli Village**
PM 10	72	63	69	48	49	39
PM 2.5	23	16	19	20	18	19
So2	8	9.4	6.8	6.7	5.8	5.6
No2	9.1	8.7	9	6.9	8	6.7
NH3	20.6	17	21	15	14.2	16.5
O3	17.2	15.7	16.8	12.3	14	13.5
Pb	0.032	0.015	0.028	0.011	0.025	0.016
Ni	1.49	1.15	1.19	1.11	1.09	1.16
As	BDL	BDL	BDL	BDL	BDL	BDL
CO	0.23	0.2	0.17	0.13	0.17	0.19
C6H6	BDL	BDL	BDL	BDL	BDL	BDL
Bap	BDL	BDL	BDL	BDL	BDL	BDL

MONTH	November- 2023. AAQM					
LOCATION	**Cooler Discharge**	**SMS and Re-heating**	**Staff Colony**	**Heggere Village**	**Gollahalli Village**	**Kaparahalli Village**
PM 10	68	67	61	41	44	43
PM 2.5	27	21	19	16	15	17
So2	7.9	8.2	7.6	6.3	2.1	3.1
No2	8.4	8.7	9.9	6.5	6.4	6.3
NH3	20.6	18.2	20.4	15.1	15.5	16.3
O3	17.7	15.5	18.4	12	12.7	23
Pb	0.019	0.016	0.018	0.017	0.011	0.012
Ni	1.2	1.14	1.18	1.2	1.15	1.16
As	BDL	BDL	BDL	BDL	BDL	BDL
CO	0.21	0.18	0.16	0.2	0.15	0.15
C6H6	BDL	BDL	BDL	BDL	BDL	BDL
Bap	BDL	BDL	BDL	BDL	BDL	BDL

MONTH	December- 2023. AAQM					
LOCATION	**Cooler Discharge**	**SMS and Re-heating**	**Staff Colony**	**Heggere Village**	**Gollahalli Village**	**Kaparahalli Village**
PM 10	71	65	61	43	47	44
PM 2.5	22	22	18	15	17	14
So2	7.6	8.4	6.9	4.9	5.3	5.1
No2	8.9	9.6	8.2	6.2	6.6	6.6
NH3	20.9	18.5	20.8	14.7	16	16.4
O3	18.1	15.7	17.7	11.7	13.2	13.3
Pb	0.016	0.017	0.018	0.013	0.015	0.014
Ni	1.23	1.17	1.2	1.13	1.16	1.13
As	BDL	BDL	BDL	BDL	BDL	BDL
CO	0.2	0.19	0.18	0.17	0.14	0.14
C6H6	BDL	BDL	BDL	BDL	BDL	BDL
Bap	BDL	BDL	BDL	BDL	BDL	BDL

MONTH	January- 2024. AAQM					
LOCATION	**Cooler Discharge**	**SMS and Re-heating**	**Staff Colony**	**Heggere Village**	**Gollahalli Village**	**Kaparahalli Village**
PM 10	61	64	56	41	45	43
PM 2.5	20	22	16	14	16	15
So2	6.1	5.9	5.7	4.6	5.0	4.8
No2	7.3	7.1	6.9	5.9	6.2	6.1
NH3	16.2	15.8	15.4	14.4	13.3	14.6
O3	13.1	13	12.3	11.5	10.7	11.9
Pb	0.013	0.014	0.016	0.011	0.013	0.012
Ni	1.16	1.12	1.17	1.03	1.10	1.10
As	BDL	BDL	BDL	BDL	BDL	BDL
CO	0.20	0.21	0.16	0.15	0.13	0.12
C6H6	BDL	BDL	BDL	BDL	BDL	BDL
Bap	BDL	BDL	BDL	BDL	BDL	BDL

MONTH	February 2024. AAQM					
LOCATION	**Cooler Discharge**	**SMS and Re-heating**	**Staff Colony**	**Heggere Village**	**Gollahalli Village**	**Kaparahalli Village**
PM 10	62	65	54	43	45	43
PM 2.5	19	21	14	15	17	13
So2	6.1	5.6	5.8	4.6	5.1	4.7
No2	7.2	6.9	7	6.1	6	6.6
NH3	16.1	15.6	15.1	14.3	13.1	14.4
O3	13.2	12.5	12.5	12	10.9	11.4
Pb	0.012	0.014	0.015	0.01	0.011	0.010
Ni	1.15	1.12	1.15	1.05	1.08	1.09
As	BDL	BDL	BDL	BDL	BDL	BDL
CO	0.19	0.2	0.15	0.14	0.13	0.13
C6H6	BDL	BDL	BDL	BDL	BDL	BDL
Bap	BDL	BDL	BDL	BDL	BDL	BDL

MONTH	March 2024. AAQM					
LOCATION	**Cooler Discharge**	**SMS and Re-heating**	**Staff Colony**	**Heggere Village**	**Gollahalli Village**	**Kaparahalli Village**
PM 10	63	62	54	43	45	43
PM 2.5	19	21	14	15	17	13
So2	6.1	5.6	5.8	4.6	5.1	4.7
No2	7.2	6.9	7	6.2	6	6.6
NH3	16.1	15.6	15.1	14.3	13.1	14.4
O3	13.2	12.5	12.5	12	10.9	11.4
Pb	0.012	0.014	0.015	0.01	0.011	0.010
Ni	1.15	1.12	1.15	1.05	1.08	1.09
As	BDL	BDL	BDL	BDL	BDL	BDL
CO	0.19	0.2	0.15	0.14	0.13	0.13
C6H6	BDL	BDL	BDL	BDL	BDL	BDL
Bap	BDL	BDL	BDL	BDL	BDL	BDL

Annexure-13

AMBIENT NOISE LEVEL DATA

SUMS TECHNO LABS PRIVATE LIMITED

[Analytical & Environment Laboratory]

TC-13543

TESR REPORT

AMBIENT NOISE LEVEL

1. Name and Address of the Customer : M/s. Prakash Sponge Iron & Power Pvt Ltd, Sy no.42, 43, Heggere village challakere taluk, Chitradurga Dist. Pin -577522.
2. Sample Collected By : SUMS Techno Labs Private Limited, Hosapete
3. Month of Monitoring : MARCH-2024
4. Sample Equipment's ID : SUMSTLPL/NOISE/ENT/01
5. Sampling Method : IS: 9989:1981
6. Discipline : Chemical
7. Product group : Atmospheric pollution
8. ULR : TC135432400000304F
9. Test Report Number : STLPL/PSIP /AN/2024/04/304
10. Report Issued Date : 01.05.2024

Day time Ambient Noise Level						
Sl. No	Sample Location	Lab Code	Sampling Date	Time Frequency	Parameters in dB(A)	KSPCB/ CPCB STD
					L_{eq}	
1	Near office area	9698/15	04.04.2024	09:10 AM to 09:25 AM	67.2	75
		9698/50	26.04.2024	09:00 AM to 09:15 AM	68.7	
2	RM Feeding area	9698/16	04.04.2024	09:45 AM to 10:00 AM	68.1	75
		9698/51	26.04.2024	09:30 AM to 09:45 AM	65.9	
3	Near Main gate area	9698/17	04.04.2024	10:20 AM to 10:35 AM	66.4	75
		9698/52	26.04.2024	10:05 AM to 10:20 AM	67.7	
4	Heggere Village	9698/18	04.04.2024	11:45 AM to 12:00 PM	45.7	55
		9698/53	26.04.2024	11:30 AM to 11:45 AM	48.7	
5	Gollahalli Village	9698/19	04.04.2024	01:05 PM to 01:20 PM	42.6	55
		9698/54	26.04.2024	12:30 PM to 12:45 PM	45.1	
6	Koparahalli Village	9698/20	04.04.2024	02:00 PM to 02:15 PM	46.3	55
		9698/55	26.04.2024	01:50 PM to 02:05 PM	47.4	

Sums Techno Labs Pvt Ltd. HOSPET

Authorized Signatory
Shivashankaraiah.H.M

Head Office: 15-DP2, KIADB, Sankalapura Industrial Area, Ballari Road, Hosapete – 583201, Ballari District, Karnataka,
Tel/Fax No. 08394-265084, Cell: +91-8884494244/261/250/239,
E-mail: technolabs@sums.org.in, sums.hpt@gmail.com, Website: www.sums.org.in

WORK ZONE NOISE LEVEL DATA

SUMS TECHNO LABS PRIVATE LIMITED

[Analytical & Environment Laboratory]
NABL Accredited Laboratory Cert No. TC-6224
Recognized by MoEF

ISO 9001: 2015
ISO 14001:2015
ISO 45001:2018
TC-6224

WORK ZONE NOISE LEVEL REPORT

1. Name and Address of the Customer : M/s. Prakash Sponge Iron & Power Pvt Ltd, Sy no.42, 43, Heggere village challakere taluk, Chitradurga Dist. Pin -577522.
2. Sample Collected By : SUMS Techno Labs Private Limited, Hosapete
3. Month of Monitoring : NOVEMBER-2023
4. Sample Equipment's ID : SLM 109 (SUMSTLPL/NOISE/ENT/01), SLM 100 (SUMSTLPL/NOISE/ENT/02), Lutron-SL-4033SD (SUMSTLPL/NOISE/ENT/03)
5. Sampling Method : IS: 9989:1981
6. Discipline : Chemical
7. Product group : Atmospheric pollution
8. ULR : TC622423000000841F
9. Test Report Number : STLPL/PSIP /AN/2023/11/841
10. Report Issued Date : 20.11.2023

Sl. No	Sample Location (Work Zone)	Lab Code	Sampling Date	Date of Sample receipt	Time Average Results in dB(A) (Time Frequency: 6:00am to 02:00pm) Parameters in dB(A)			STANDARDS
					Min.	Max.	L_{eq}	
1	Stock House	8939/01	18.11.2023	20.11.2023	68.4	81.9	74.8	85
2	DRI Kiln	8939/02	18.11.2023	20.11.2023	66.5	80.4	73.1	85
3	ESP Area	8939/03	18.11.2023	20.11.2023	67.2	82.1	74.3	85
4	Power plant	8939/04	19.11.2023	20.11.2023	73.1	83.9	78.3	85
5	Furnace Area	8939/05	19.11.2023	20.11.2023	71.4	82.1	76.6	85
6	Rolling Mill	8939/06	19.11.2023	20.11.2023	72.6	83.9	78.0	85
7	Work Shop	8939/07	20.11.2023	20.11.2023	67.1	80.1	73.3	85

Sums Techno Labs Pvt. Ltd. HOSPET

Authorized Signatory
Shivashankaraiah.H.M

Page No. 01 of 01

Terms and conditions:

1. The test report shall not be reproduced in full or part without the written approval of SUMS Techno Labs.
2. Ores and minerals, Coal & Coke, and Soil samples shall be retained for a maximum period of three months from the issue of the test report.
3. Water samples will be retained 15 days from the date of issue of the test report.
4. The test results relate only to the items tested as received.
5. The testing activities are performed in permanent facility located at Hosapete.

End of The Report

Head Office: 15-DP2, KIADB, Sankalapura Industrial Area, Ballari Road, Hosapete – 583201, Ballari District, Karnataka, Tel/Fax No. 08394-265084, Cell: +91-8884494244/261/250/239,
E-mail: technolabs@sums.org.in, sums.hpt@gmail.com, Website: www.sums.org.in
Branch Office: Maakrupa Apartment, 2nd Floor, H.No-201, Near Baldwin School, Nagarabhavi Road, Kalyan Nagar, Bangalore-560072.

Annexure-14

Primary Health Centre Prakash Sponge Iron and Power Private Limited, Heggere Village, Challkere Taluk, Chitradurga Dist – 577 522.

The Primary Health Centre consists with Qualified Team. Our Team Consists with the followed Persons:

1) Dr . Lakshmikant - M.B.B.S.
2) Mr. Manjunath - B.Sc. (Nursing).
3) Mr.Rajappa - B.Sc. (Nursing).
4) Mr Hanumantha - Assistant.

We are having a qualified Doctor and Nursing Staff with having rich experience to diagnose the Patients on Daily bases in Day and Night. Around 60 persons patients examining on daily bases and giving the First Aid treatment for curing the diseases at the best. We are examining daily Thermal Scanner, SPO2 , Body temperature for Pre Covid-19 Patients for prevention and separately quarantine rooms for the Observations for Coiv-19 Patients. Covid Vaccination for Employees 98 % Completed. For Major Health issues we are referring Tirumala Hospital Challkere and Basveshwar Hospital Chitradurga for better treatment round the Clock.

Primary Health Centre of Prakash Sponge Iron and Power Private Limited

Primary Health Centre of Prakash Sponge Iron and Power Private Limited

Primary Health Centre of Prakash Sponge Iron and Power Private Limited

Annexure-15

ENVIRONMENT EXPENDITURE TILL31.03.2024

Implemented Air Pollution Control Measures:

Sl. No.	Unit	Measures implemented	Investments in Lacs
1.	Rotary Kiln Stack	ESP with Pug Mill & 60meter concrete chimney.	352.00
2.	Raw Material Portion	Bag filters with 30meter chimney & Water Sprinkling Systems for fugitive emission control.	30.00
3.	Raw Material Storage.	Closed Sheds.	545.00
4.	Raw Material Handling.	Water spray Sprinklers with highpressured water nozzle system	5.50
5.	Conveyor Transfer Points	Water spray with high pressured water nozzle system	7.00
6.	Cooler discharge	Bag filter with 30meter chimney	34.00
7	Intermediate Bin	Bag filter with 30meter chimney	11.00
8.	Product House	Bag filter with 30meter chimney	34.00
9.	Solid Waste (Dolochar, Bag filter residue & ESP ash)	In-house fly ash-based brick manufacturing unit constructed.	35.00
10.	Waste Gas Section	FD Cooler Stabilization	10.00
11.	Fume Extraction System for Induction Furnace and AOD	Bag Filter	350.00
12.	Fly Ash Pneumatic System for ESP and Bag Filter	Pneumatic Conveying System	170.00
13	Light Structure Mill	Bag Filters	15.00
14	Slag crushing unit	Bag filter	15.00
15	Reheating Furnace Light Structure Mill up to 100 mm	Cyclone separator with wet scrubber	34.2
16	Reheating Furnace Light Structure Mill up to 300 mm	Cyclone separator with wet scrubber	80

17	Cooler discharge points	De-dusting fan to avoid dust collection in bag filters.	8
18	Plant premises	CAAQMS	12(6*2)
19	WHRB Power plant	Own power generation	4500
20	DRI area	Dry fog guns	5
21	Product house	Telescopic chute	3.5
22	Junction house	Bag filter	7
23	Water sprinkler system	Rain guns and sprinkler system	0.4

Implemented Water Pollution Control Measures:

Sl. No.	Particulars	Measures implemented.	Investments in Lacs
1.	Domestic Wastewater	Construction of STP of 50 KLDcapacity.	10.00
2.	Rain water Harvesting (RWH Pond)	One RWH pond is constructed with the storage capacity of 10 Lakh meter cube.	180.00
3.	Roof top rain water harvesting system	System for collection of Roof top rain water.	0.5
3.	Warm water from process	Fully recycled(Saving around 30% of fresh water consumption).	0.5
4.	Ground water recharge	Dug wells Implementation.	0.30
5.	Ground water recharge	Construction of 14 nos Borewell recharge pits	2
6	Drip irrigation	Green belt development to conserve and effective water utilization	1

Implemented Noise Pollution Control Measures:

Sl. No.	Particulars	Noise Pollution ControlMeasures	Investments in Lacs

1.	Diesel Generator	Acoustic enclosures.	25.00
2.	Plants Equipment & Machinery	Sophisticated equipment followed by proper greasing andpreventive maintenance.	

Implemented Greenery:

Sl. No.	Particulars	Quantity	Investments in Lacs
1.	Plantation.	42,000	2.5
2.	Fertilizers & New soil.	13MT & 61,000 MT	4.00

Service cost till date.

Sl. No.	Particulars	Description	Investments in Lacs
1.	Environmental monitoring- AMC	Stack, Ambient air , noise and water monthly monitoring AMC.	32
2.	STP- AMC	Monthly maintenance and operation cost	24
3.	Green belt development	For maintenance and watering (Including tankers and labors)	99
TOTAL INVESTMENT			**6,644.3 lacs.**

SUSTAINABLE ENERGY PRODUCTION TECHNOLOGIES ADOPTED IN THE PROJECT SITE.

7.1 MW WHRB Power plant to generate own electricity and reduce carbon footprint due to external energy consumption. Thereby moving towards sustainable production

3 MW ground mounted solar power plant to reduce carbon footprint due to external energy consumption. Thereby moving towards sustainable production.

3.6MW roof top mounted solar power plant established to generate own electricity.

3.6MW roof top mounted solar power plant established to generate own electricity

CARBON FOOT PRINT REDUCTION:

Equivalent Co2 saved from installation of WHRB and Solar power plant.

Plant	Units generated/year (MW)	Equivalent carbon emission saved in Tonnes
Waste heat recovery-based power plant	47520	57024
Solar Plant- ground mounted	7482.5	8979
Solar Plant- roof mounted	6762.355	8114.826
TOTAL C02e EMISSION SAVED PER YEAR		**74117.826**

Thus, a total of around 74,000 tonnes of Co2 emission is avoided every year.

Annexure-16

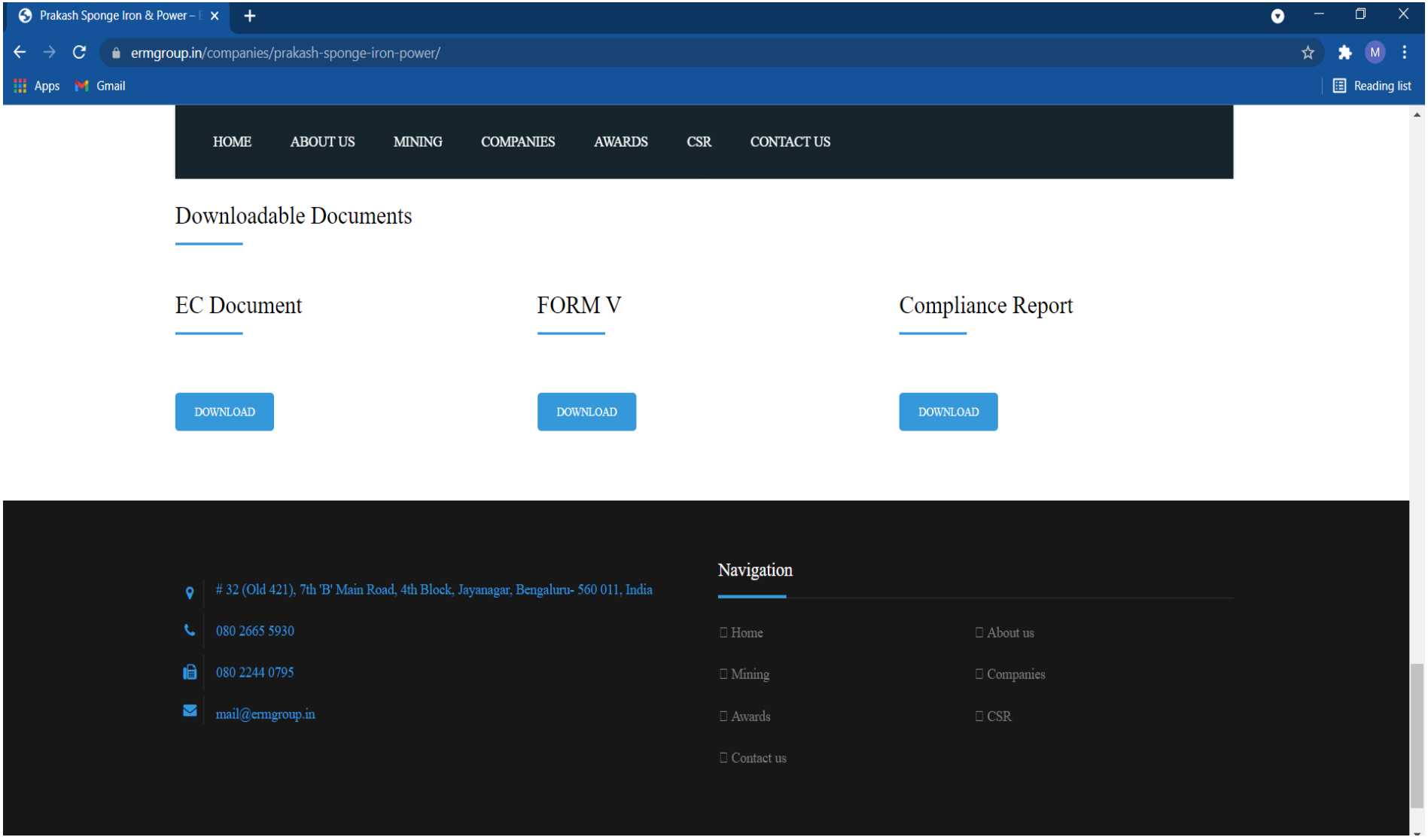


PHOTO SHOWING THE UPLOADED EC, FORM-V AND HALF YEARLY COMPLIANCE ON OUR WEBISTE

Prakash Sponge Iron & Power Pvt. Ltd.

No.32,(old 421),7th 'B' Main,
4th Block, Jayanagar,
Bangalore - 560 011, INDIA
Ph. :+91-80-2665 5930
Fax :+91-80-2244 0795
Email: psip@ermgroup.in

CIN No.: U27101KA2007PTC043812

No. PSIP/KSPCB/2023-24/29

28-09-2023

To,

The Environmental officer

Karnataka State Pollution Control Board

KHB Colony, behind Pragathi Gramina Bank,

Sadik Nagar Road,

Chitradurga - 577501.

Sub: Submission of Annual Environmental Statement (Form-V) for the financial year 2022-23.

Ref: 1. Environmental clearance F.No. J-11011/325/2010/ IA II (I) dated 22ndDecember 2011

2. Consent for operation No. AW-325409 Dated: 24.06.2021

Dear Sir,

With reference to the subject cited above, we are herewith enclosing the Annual Environmental statement in Form-V for the financial year **2022-23** in respect of M/s. Prakash Sponge Iron and Power Pvt Ltd. Heggere village, Challakere taluk, Chitradurga dist., for your perusal.

Kindly acknowledge receipt of the same.

Thanking you,

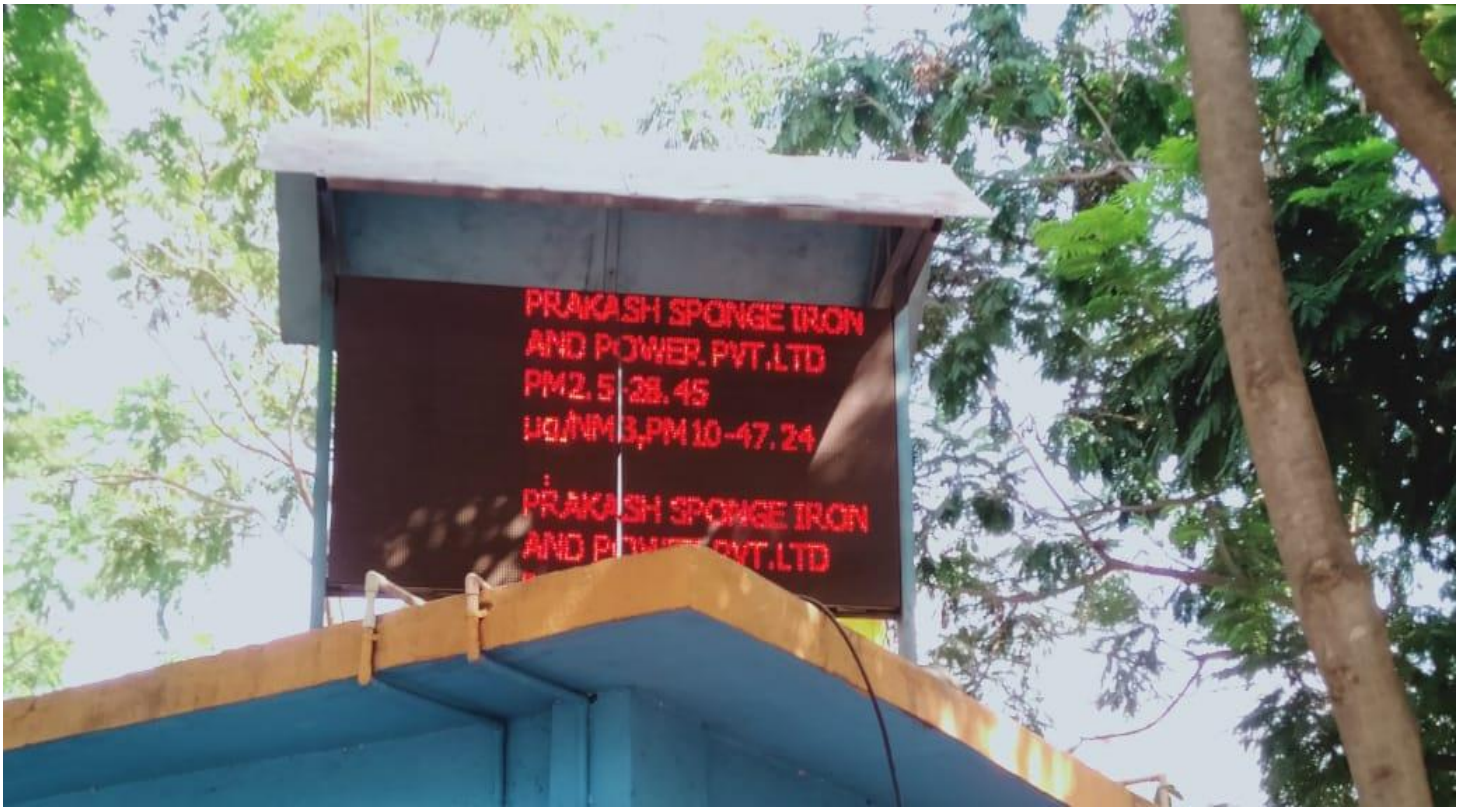
Yours faithfully

For Prakash Sponge Iron and Power Private Limited

Authorized Signatory

Encl: As above

Works : Survey No.42,43,Heggere Village, Challakere Taluk, Chitradurga Dist. Pin - 577522. INDIA
Ph. : +91 8195278000, www.ermgroup.in



AAQMS DISPLAY BOARD AT THE MAIN ENTRANCE GATE

Annexure-17

ಎಂಜಿನಿಯರ್ ಅಮಾನತು

ಪರಿಸರ ವಿಮೋಚನಾ ಪತ್ರ

ಮೆ. ಪ್ರಕಾಶ್ ಸ್ಪಾಂಜ್ ಐರನ್ ಅಂಡ್ ಪವರ್ ಪ್ರೈ.ಲಿ.

ಸಾರ್ವಜನಿಕರಿಗೆ ಈ ಮೂಲಕ ತಿಳಿಯಪಡಿಸುವುದೇನೆಂದರೆ, ಹೆಗ್ಗೆರೆ ಮತ್ತು ಕಾಪರಹಳ್ಳಿ ಗ್ರಾಮ, ಚಳ್ಳಕೆರೆ ತಾಲ್ಲೂಕು ಮತ್ತು ಚಿತ್ರದುರ್ಗ ಜಿಲ್ಲೆಯಲ್ಲಿರುವ ಮೇಲ್ಕಂಡ ಕಂಪನಿಯ ಉದ್ದೇಶಿತ ವಿಸ್ತರಣಾ ಯೋಜನೆ ಸ್ಪಾಂಜ್ ಐರನ್ ಘಟಕದಿಂದ ಚಿಕ್ಕ ಉಕ್ಕು ಸಂಘಟಿತ ಘಟಕ ಮತ್ತು 45 MW ಕ್ಯಾಪ್ಟಿವ್ ಪವರ್ ಪ್ಲ್ಯಾಂಟ್‌ಗಳನ್ನು ಸ್ಥಾಪಿಸುವ ಯೋಜನೆಯನ್ನು ಕೇಂದ್ರ ಪರಿಸರ ಮತ್ತು ಅರಣ್ಯ ಸಚಿವಾಲಯ, ನವ ದೆಹಲಿ ರವರ ಅಧಿಸೂಚನೆ ಸಂಖ್ಯೆ: F.NO.J-11011/325/2010-IA II(I) ದಿನಾಂಕ 22nd DECEMBER 2011 ರಂತೆ ಸಮ್ಮತಿ ನೀಡಿದೆ ಎಂದು ತಿಳಿಸುತ್ತೇವೆ. ಇದರ ಪ್ರತಿಯನ್ನು ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ ಮತ್ತು ಕೇಂದ್ರ ಪರಿಸರ ಮತ್ತು ಅರಣ್ಯ ಸಚಿವಾಲಯದ ವೆಬ್‌ಸೈಟ್: http://envfor.nic.in ರಲ್ಲಿ ನೋಡಬಹುದಾಗಿದೆ.

ಸ್ಥಳ : ಬೆಂಗಳೂರು

ದಿನಾಂಕ: 27.12.2011

ನಗರದಲ್ಲಿ ಇಂದು

ಇಂದು ನಾಯಕತ್ವ ಶಿಬಿರ

ಆಕಾಶವಾಣಿ

Davangere

PROJECT STATUS REPORT

BACKGROUND REPORT

M/s. Prakash Sponge Iron & Power Pvt Ltd (PSIPPL) started its commercial production with 100 TPD Sponge Iron Unit on 24th June 2010, completed installation of second100 TPD on March 2012 & Completed installation of third 100 TPD on August 2018. PSIP has completed installation of Steel melting shop(SMS)(3*12T Induction furnace), Rolling mill(1,00,000 TPA) and section mill(1,00,000 TPA). Also the company has established 7.1 MW WHRB in December 2021. Th company has taken permission from the KSPCB for Consent to establish(CFE) Dated 18.02.2014 and has also has obtained consent to operate (CFO) dated 29.08.2023 valid till 30.06.2026 for all its existing operations.

THE DETAILS OF THE EXISTING UNITS AS PER EC IS GIVEN BELOW.

Sl. No.	Unit	Facility With Capacity	Project Commenced Date/Status.	Project Completed Date
1.	Sponge Iron	3X 100 TPD	24th June 2010.	January 2021
2.	Induction Furnace	3×12 T	March 2016	March 2018
3.	Ladle Furnace	1×35 MT/5000 KW	March 2016	March 2018
4.	Billet & Bloom Caster	1×3 & 1×2 Strand	March 2016	March 2018
5.	Bar & Rod Mill	1,00,000 TPA	March 2017	September 2018
6.	Light Structural Mill	1,00,000 TPA	March 2017	September 2018
7.	Captive Power Plant	7.1 MW	December 2020	December 2021

Implemented Air Pollution Control Measures:

Sl. No.	Unit	Measures implemented	Investments in Lacs
1.	Rotary Kiln Stack	ESP with Pug Mill & 60meter concrete chimney.	352.00
2.	Raw Material Portion	Bag filters with 30meter chimney & Water Sprinkling Systems for fugitive emission control.	30.00
3.	Raw Material Storage.	Closed Sheds.	545.00
4.	Raw Material Handling.	Water spray Sprinklers with high pressured water nozzle system	5.50
5.	Conveyor Transfer Points	Water spray with high pressured water nozzle system	7.00
6.	Cooler discharge	Bag filter with 30meter chimney	34.00
7	Intermediate Bin	Bag filter with 30meter chimney	11.00
8.	Product House	Bag filter with 30meter chimney	34.00
9.	Solid Waste (Dolochar, Bag filterresidue & ESP ash)	In-house fly ash-based brick manufacturing unit constructed.	35.00
10.	Waste Gas Section	FD Cooler Stabilization	10.00
11.	Fume Extraction System for InductionFurnace and AOD	Bag Filter	350.00
12.	Fly Ash Pneumatic System for ESP and Bag Filter	Pneumatic Conveying System	170.00
13	Light Structure Mill	Bag Filters	15.00
14	Slag crushing unit	Bag filter	15.00
15	Reheating Furnace Light Structure Mill up to 100 mm	Cyclone separator with wet scrubber	34.2
16	Reheating Furnace Light Structure Mill up to 300 mm	Cyclone separator with wet scrubber	80

17	Cooler discharge points	De-dusting fan to avoid dust collection in bag filters.	8
18	Plant premises	CAAQMS	6
19	WHRB Power plant	Own power generation	4500

Implemented Water Pollution Control Measures:

Sl. No.	Particulars	Measures implemented.	Investments in Lacs
1	Domestic Wastewater	Construction of STP of 50 KLDcapacity.	10.00
2	Rain water Harvesting (RWH Pond)	One RWH pond is constructed with the storage capacity of 10 Lakh meter cube.	180.00
3	Roof top rain water harvesting system	System for collection of Roof top rain water.	0.5
3	Warm water from process	Fully recycled(Saving around 30% of fresh water consumption).	0.5
4	Ground water recharge	Dug wells Implementation.	0.30
5	Ground water recharge	Construction of 14 nos Borewell recharge pits	2
6	Drip irrigation	Green belt development to conserve and effective water utilization	0.5

Implemented Noise Pollution Control Measures:

Sl. No.	Particulars	Noise Pollution ControlMeasures	Investments in Lacs
1.	Diesel Generator	Acoustic enclosures.	25.00
2.	Plants Equipment & Machinery	Sophisticated equipment followed by proper greasing andpreventive maintenance.	

Implemented Greenery:

Sl. No.	Particulars	Quantity	Investments in Lacs
1.	Plantation.	36,000	7
2.	Fertilizers & New soil.	13MT & 61,000 MT	4.00

Service cost till date.

Sl. No.	Particulars	Description	Investments in Lacs
1.	Environmental monitoring- AMC	Stack, Ambient air , noise and water monthly monitoring AMC.	32
2.	STP- AMC	Monthly maintenance and operation cost	24
3.	Green belt development	For maintenance and watering (Including tankers and labors)	99
TOTAL INVESTMENT			**6,644.3 lacs.**