



Prakash Sponge Iron & Power Pvt. Ltd.

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CIN : U27101KA2007PTC043812
28.11.2023

No. PSIP/MoEF&CC/2023-24/04

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 of April 2023 - September 2023** 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, the Honourable Ministry of 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 issued in the Environmental clearance to submit the periodical report of six-monthly compliance to the ministry, hence we are herewith submitting our compliance report and Project Status Report for the Period: **April 2023 - September 2023** with respect to the Environmental Clearance issued by MoEFCC New Delhi.

Thanking you,

Yours faithfully

For Prakash Sponge Iron and Power Private Limited

Authorized Signatory

Enc; As above

Copy to: 1. KSPCB regional office, Chitradurga.



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

Periodical Compliance Report

Period: April 2023 to September 2023

With respect to

Environmental Clearance

(Dated 22nd December 2011)

Issued by

Ministry of Environment & Forests

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 MINISTRY OF ENVIRONMENT & FORESTS, 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 and KSPCB 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 one 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 16 th 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.
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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 Tons WHRB 2: 11 Tons WHRB 3: 11 Tons.
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 111m ³ /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. 14 nos
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 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 the 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 6 th 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 April 2023 – September 2023 and total expenditure 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.



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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.
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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 the plant, 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.	One Ambient air quality monitoring station is installed at the site as per the directions of MoEF&CC 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 April 2023 to September 2023 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 as we completely recycling the water.
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 .



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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 health checkup of the employees once in every 12 month. 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 .
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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 which is spreading over 36 acres. Also we have constructed a rain water collection sump to collect the storm water. We have constructed Borewell recharge structures, contour trench and Loose boulder check dam. 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 3.7MW 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. 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 Clearance website at our Company Website: www.ermgroup.in the copy of the same is Enclosed in Annexure-16 and we will upload this compliance soon in the website.

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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 reports 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 by e-mail.	We are submitting environmental statement to KSPCB Regional office Chitradurga and the same is being uploaded at our company website www.ermgroup.in 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 Clearance 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 of the project by the concerned authorities and the date of commencing the land development work.	The project is currently in operational phase.



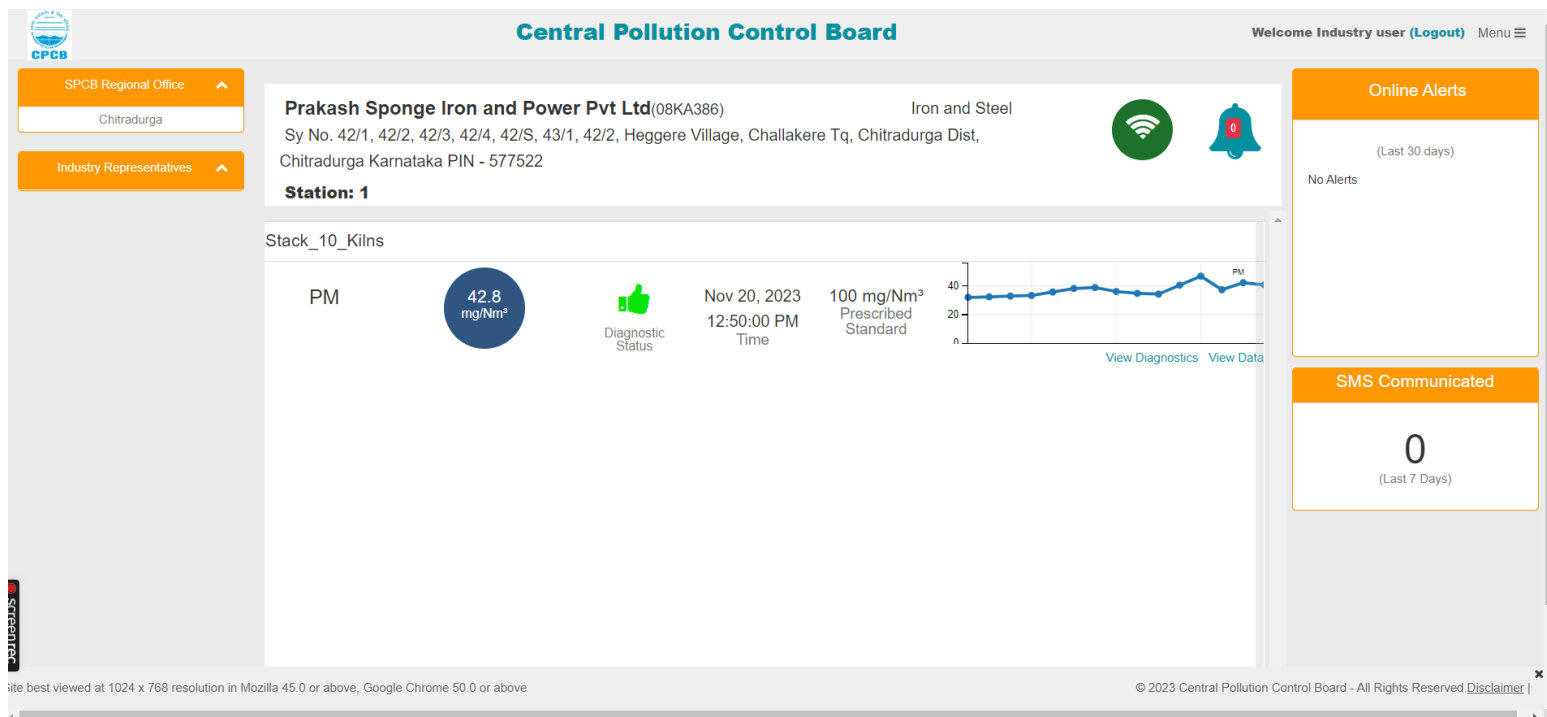
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Annexure-1



OCEMS display unit installed in our plant



Our industry linked with CPCB OCEMS server 24/7

Annexure-2

Air Pollution Control Equipment

Sl.No	Used to Control	Unit for Which the Device is Provided	Name Of the Device	Capacity	Total Cost Of the unit 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 Structure Mill 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 Structure Mill upto 300 mm	Cyclone Separator with wet 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	--	6	For monitoring of ambient air quality parameters.
17		Water sprinkler system for dust suppression	Rain gun sprinkler	80 LPM	0.35	For dust suppression in the plant premises
Total Cost					708.05	

Annexure-3

Air Pollution Control Equipment's

1. RMHS Iron Ore Bag Filter



Chimney Attached to RMHS Iron Ore
Air Pollution Control App : Bag Filter
Chimney Height : 30 meters

2. RMHS Coal Bag Filter



Chimney Attached to RMHS Coal
Air Pollution Control App : Bag Filter
Chimney Height : 30 meters

3. Cooler Discharge Bag Filter



Chimney Attached to Cooler Discharge
Air Pollution Control App : Bag Filter
Chimney Height : 30 meters

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



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 01/04/2023	Closing Reading on 30/04/2023	Water in Kilo Litres
1	Main Gate-BH-1	O1CLK/2017-18	28669.6	29970	1300.4
2	Main Gate- BH-2	O2CLK/2017-18	49609.1	52074.1	2465
3	Sponge Pump house	O3CLK/2017-18	54755.7	56257.9	1502.2
4	Anandappa Canteen	O5CLK/2017-18	10733.1	10733.1	0
5	Coal Yard	O6CLK/2017-18	28045.1	28714.7	669.6
6	Brick Plant	O7CLK/2017-18	9481.8	10006.4	524.6
7	Labour Colony, BH-1	O8CLK/2017-18	24515	24515	100
8	PSIPL canteen Opp	O9CLK/2017-18	6004.8	6246.7	241.9
9	Labour Colony, BH-2	10CLK/2017-18	13994.5	14174.2	179.7
10	Scrap Yard Point	INDUS-01 CLK/2020-21	11314.2	11314.2	0
11	Rolling Mill-1	INDUS-02 CLK/2020-21	53746	65746.7	12000.7
12	Rolling Mill-2	INDUS-03 CLK/2020-21	38343.1	38343.1	0
	Total				18984.1

Sl. No	Water Flow Meter Location	KGWA Reg No	Opening Reading on 01/05/2023	Closing Reading on 31/05/2023	Water in Kilo Litres
1	Main Gate-BH-1	O1CLK/2017-18	29970	31496.3	1526.3
2	Main Gate- BH-2	O2CLK/2017-18	52074.1	54709.3	2635.2
3	Sponge Pump house	O3CLK/2017-18	56257.9	57058.6	800.7
4	Anandappa Canteen	O5CLK/2017-18	10733.1	10733	0
5	Coal Yard	O6CLK/2017-18	28714.7	29475.6	760.9
6	Brick Plant	O7CLK/2017-18	10006.4	10507.1	500.7
7	Labour Colony, BH-1	O8CLK/2017-18	24515	24918.2	403.2
8	PSIPL canteen Opp	O9CLK/2017-18	6246.7	6321.9	75.2
9	Labour Colony, BH-2	10CLK/2017-18	14174.2	14278.3	104.1
10	Scrap Yard Point	INDUS-01 CLK/2020-21	11314.2	11314.2	0
11	Rolling Mill-1	INDUS-02 CLK/2020-21	65746.7	78799.2	13052.5
12	Rolling Mill-2	INDUS-03 CLK/2020-21	38343.1	38350.2	7.1
	Total				19865.9

Sl. No	Water Flow Meter Location	KGWA Reg No	Opening Reading on 01/06/2023	Closing Reading on 30/06/2023	Water in Kilo Litres
1	Main Gate-BH-1	O1CLK/2017-18	31496.3	32922.6	1426.3
2	Main Gate- BH-2	O2CLK/2017-18	54709.3	56709.1	1999.8
3	Sponge Pump house	O3CLK/2017-18	57058.6	58356.8	1298.2
4	Anandappa Canteen	O5CLK/2017-18	10733	10733	0
5	Coal Yard	O6CLK/2017-18	29475.6	30853.2	1377.6
6	Brick Plant	O7CLK/2017-18	10507.1	11087.2	580.1
7	Labour Colony, BH-1	O8CLK/2017-18	24918.2	25171.4	253.2
8	PSIPL canteen Opp	O9CLK/2017-18	6321.9	7326.3	1004.4
9	Labour Colony, BH-2	10CLK/2017-18	14278.3	14367.2	88.9
10	Scrap Yard Point	INDUS-01 CLK/2020-21	11314.2	11314.2	0
11	Rolling Mill-1	INDUS-02 CLK/2020-21	78799.2	90729.4	11930.2
12	Rolling Mill-2	INDUS-03 CLK/2020-21	38350.2	38350.2	0
	Total				19958.7

Sl. No	Water Flow Meter Location	KGWA Reg No	Opening Reading on 01/07/2023	Closing Reading on 31/07/2023	Water in Kilo Litres
1	Main Gate-BH-1	O1CLK/2017-18	32922.6	34774.8	1852.2
2	Main Gate- BH-2	O2CLK/2017-18	56709.1	58687.3	1978.2
3	Sponge Pump house	O3CLK/2017-18	58356.8	59324.2	964.7
4	Anandappa Canteen	O5CLK/2017-18	10733	10733	0
5	Coal Yard	O6CLK/2017-18	30853.2	32200.4	1347.2
6	Brick Plant	O7CLK/2017-18	11087.2	11680.2	593
7	Labour Colony, BH-1	O8CLK/2017-18	25171.4	25816.6	645.2
8	PSIPL canteen Opp	O9CLK/2017-18	7326.3	8428.6	1102.3
9	Labour Colony, BH-2	10CLK/2017-18	14367.2	14888.9	521.7
10	Scrap Yard Point	INDUS-01 CLK/2020-21	11314.2	11314.2	0
11	Rolling Mill-1	INDUS-02 CLK/2020-21	90729.4	100981.7	10252.3
12	Rolling Mill-2	INDUS-03 CLK/2020-21	38350.2	38344	0
	Total				19256.8

Sl. No	Water Flow Meter Location	KGWA Reg No	Opening Reading on 01/08/2023	Closing Reading on 31/08/2023	Water in Kilo Litres
1	Main Gate-BH-1	O1CLK/2017-18	34774.8	35873.5	1098.7
2	Main Gate- BH-2	O2CLK/2017-18	58687.3	63988.2	5300.9
3	Sponge Pump house	O3CLK/2017-18	59324.2	59324	0
4	Anandappa Canteen	O5CLK/2017-18	10733	10733	0
5	Coal Yard	O6CLK/2017-18	32200.4	32945.2	744.8
6	Brick Plant	O7CLK/2017-18	11680.2	12979.7	1299.5
7	Labour Colony, BH-1	O8CLK/2017-18	25816.6	26909	1092.4
8	PSIPL canteen Opp	O9CLK/2017-18	8428.6	8703.7	275.1
9	Labour Colony, BH-2	10CLK/2017-18	14888.9	15968.5	1079.6
10	Scrap Yard Point	INDUS-01 CLK/2020-21	11314.2	12545.7	1231.5
11	Rolling Mill-1	INDUS-02 CLK/2020-21	100981.7	107987.2	7005.5
12	Rolling Mill-2	INDUS-03 CLK/2020-21	38344	38344	0
	Total				19128

Sl. No	Water Flow Meter Location	KGWA Reg No	Opening Reading on 01/09/2023	Closing Reading on 30/09/2023	Water in Kilo Litres
1	Main Gate-BH-1	O1CLK/2017-18	35873.5	36412.9	539.4
2	Main Gate- BH-2	O2CLK/2017-18	63988.2	65774.8	1786.7
3	Sponge Pump house	O3CLK/2017-18	59324	59324	0
4	Anandappa Canteen	O5CLK/2017-18	10733	10890	157
5	Coal Yard	O6CLK/2017-18	32945.2	32945.2(Meter under maintenance)	1547
6	Brick Plant	O7CLK/2017-18	12979.7	13229.8	250.1
7	Labour Colony, BH-1	O8CLK/2017-18	26909	26909(Meter under maintenance)	1200
8	PSIPL canteen Opp	O9CLK/2017-18	8703.7	8902.2	198.5
9	Labour Colony, BH-2	10CLK/2017-18	15968.5	13673.8 (Meter under maintenance)	1500
10	Scrap Yard Point	INDUS-01 CLK/2020-21	12545.7	12847.2	301.5
11	Rolling Mill-1	INDUS-02 CLK/2020-21	107987.2	120209	12221.8
12	Rolling Mill-2	INDUS-03 CLK/2020-21	38344	38344	0
	Total				19702

Annexure-5

Rain Water Storage Lake.



Megha rain water harvesting structure which is proposed in an extent of 30 acres is in progress for ground water recharge and collection of run off water.

Contour Trench

Contour Trench – 1







Contour Trench – 2







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



Contour Trench – 3







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

Contour Trench – 4:







Percolation Pond

Percolation Pond – 1:



Percolation Pond – 2:



Loose Boulder Check Dam

Loose boulder Check Dam-1:





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 April- 2023 to June -2023 (MT)	Disposal / Utilization in MT	Closing Stock in MT
DRI	Char Lumps	1715.47	Sold Quantity =1447.010	442.29
	DoloChar	4793.67	Sold Quantity =1630.100	3215.526
	Coal Ash	6168	Used for Brick Making and sold quantity = 5065.15	1687.381
SMS	Slag	3981.71	Used for Brick Making and metal recovery = 2722.53	14468.883
	Mill scales	550.421	Sold Quantity = 294.5	674.635
	SMS Bag Filter dust	130.090	Sold Quantity =77.66	105.6

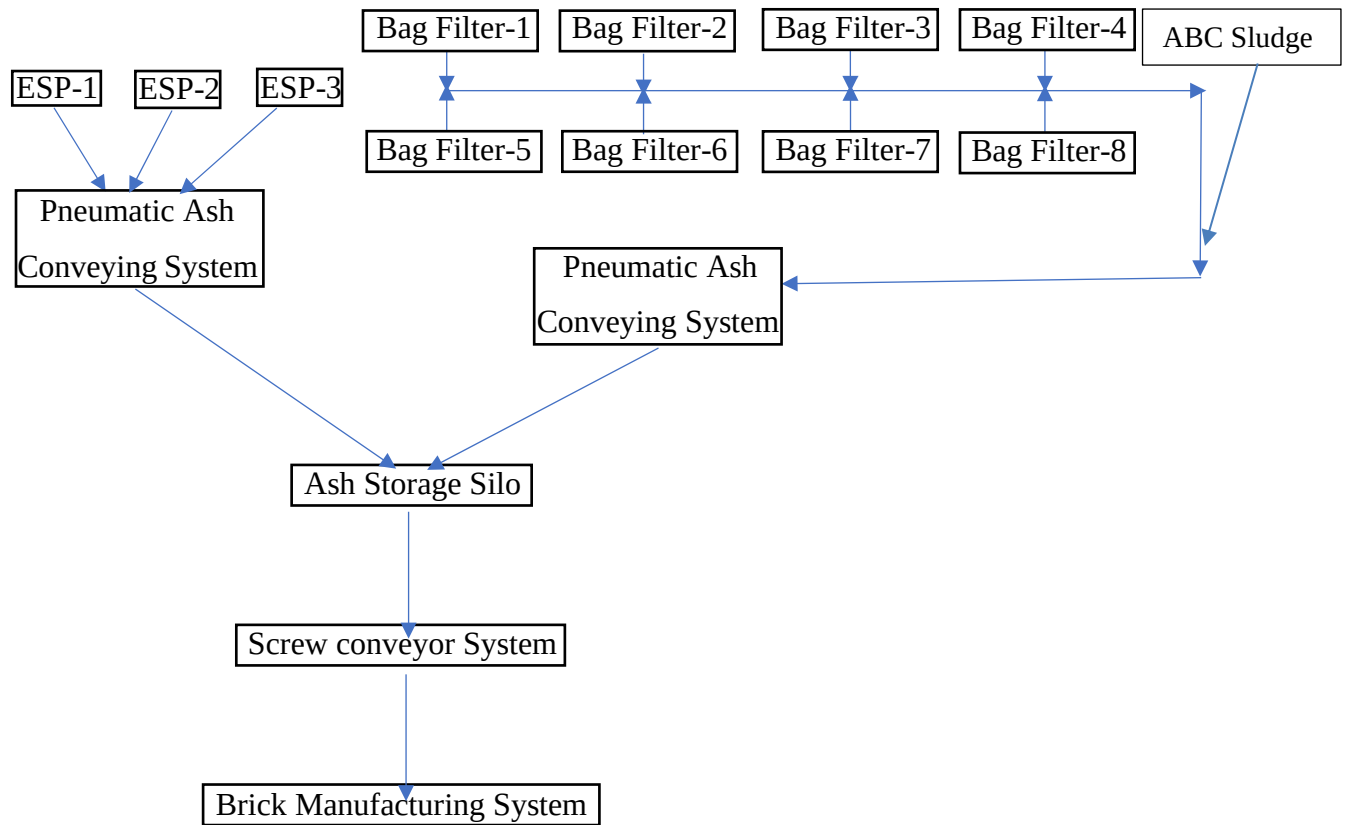
Generation Source	Type of Solid waste	Generated Quantity during July- 2023 to September -2023 (MT)	Disposal / Utilization in MT	Closing Stock in MT
DRI	Char Lumps	1940.25	Sold Quantity =2320.85	61.69
	DoloChar	5221.31	Sold Quantity =5535.12	2901.716
	Coal Ash	7783	Used for Brick Making and sold quantity = 6297.31	3515.085
SMS	Slag	3101.62	Used for Brick Making = 2591.42	7670.033
	Mill scales	692.169	Sold Quantity = 813.52	588.21
	SMS Bag Filter dust	166.72	Sold Quantity = 70.48	201.84

Annexure-7

Generation Source	Type of Solid waste	Generated Quantity during April- 2023 to June -2023 (MT)	Disposal / Utilization in MT	Closing Stock in MT
DRI	Char Lumps	1715.47	Sold Quantity =1447.010	442.29
	DoloChar	4793.67	Sold Quantity =1630.100	3215.526
	Coal Ash	6168	Used for Brick Making and sold quantity = 5065.15	1687.381
SMS	Slag	3981.71	Used for Brick Making and metal recovery = 2722.53	14468.883
	Mill scales	550.421	Sold Quantity = 294.5	674.635

Generation Source	Type of Solid waste	Generated Quantity during July- 2023 to September -2023 (MT)	Disposal / Utilization in MT	Closing Stock in MT
DRI	Char Lumps	1940.25	Sold Quantity =2320.85	61.69
	DoloChar	5221.31	Sold Quantity =5535.12	2901.716
	Coal Ash	7783	Used for Brick Making and sold quantity = 6297.31	3515.085
SMS	Slag	3101.62	Used for Brick Making = 2591.42	7670.033
	Mill scales	692.169	Sold Quantity = 813.52	588.21
	SMS Bag Filter dust	166.72	Sold Quantity = 70.48	201.84

“Fly Ash Material balance sheet”



Annexure-8

ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಕಾರ್ಖಾನೆಗಳು, ಬಾಯ್ಲರುಗಳು, ಕೈಗಾರಿಕಾ ಸುರಕ್ಷತೆ ಮತ್ತು ಸ್ವಾಸ್ಥ್ಯ ಇಲಾಖೆ

ಸಂ: ಸಿಎಸ್‌ಎಂಸಿ/ಎಂಎಚೆಚ್‌ಸಿ/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 ನಡವಳಿಕೆಗಳು

ವಿಷಯ: ಕಾರ್ಖಾನೆಗಳ ಕಾಯ್ದೆ (1987 ರಲ್ಲಿ ತಿದ್ದುಪಡಿಸಿಗೊಂಡಂತೆ) 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 ತಿದ್ದುಪಡಿಸಿಗೊಂಡಂತೆ) 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 ತಪ್ಪದೇ ಕೈಗೊಂಡು
ಈ ಇಲಾಖೆಗೆ ಹಾಗೂ ಸಂಬಂಧಿಸಿದ ಜಿಲ್ಲಾಧಿಕಾರಿಗಳಿಗೆ ವರದಿ ಮಾಡಬೇಕು.

(ಟಿ.ಜಿ. ಮಂಜುನಾಥ್)

ನಿರ್ದೇಶಕರು,

ಕಾರ್ಖಾನೆಗಳು, ಬಾಯ್ಲರುಗಳು, ಕೈಗಾರಿಕಾ
ಸುರಕ್ಷತೆ ಮತ್ತು ಸ್ವಾಸ್ಥ್ಯ ಇಲಾಖೆ, ಬೆಂಗಳೂರು.

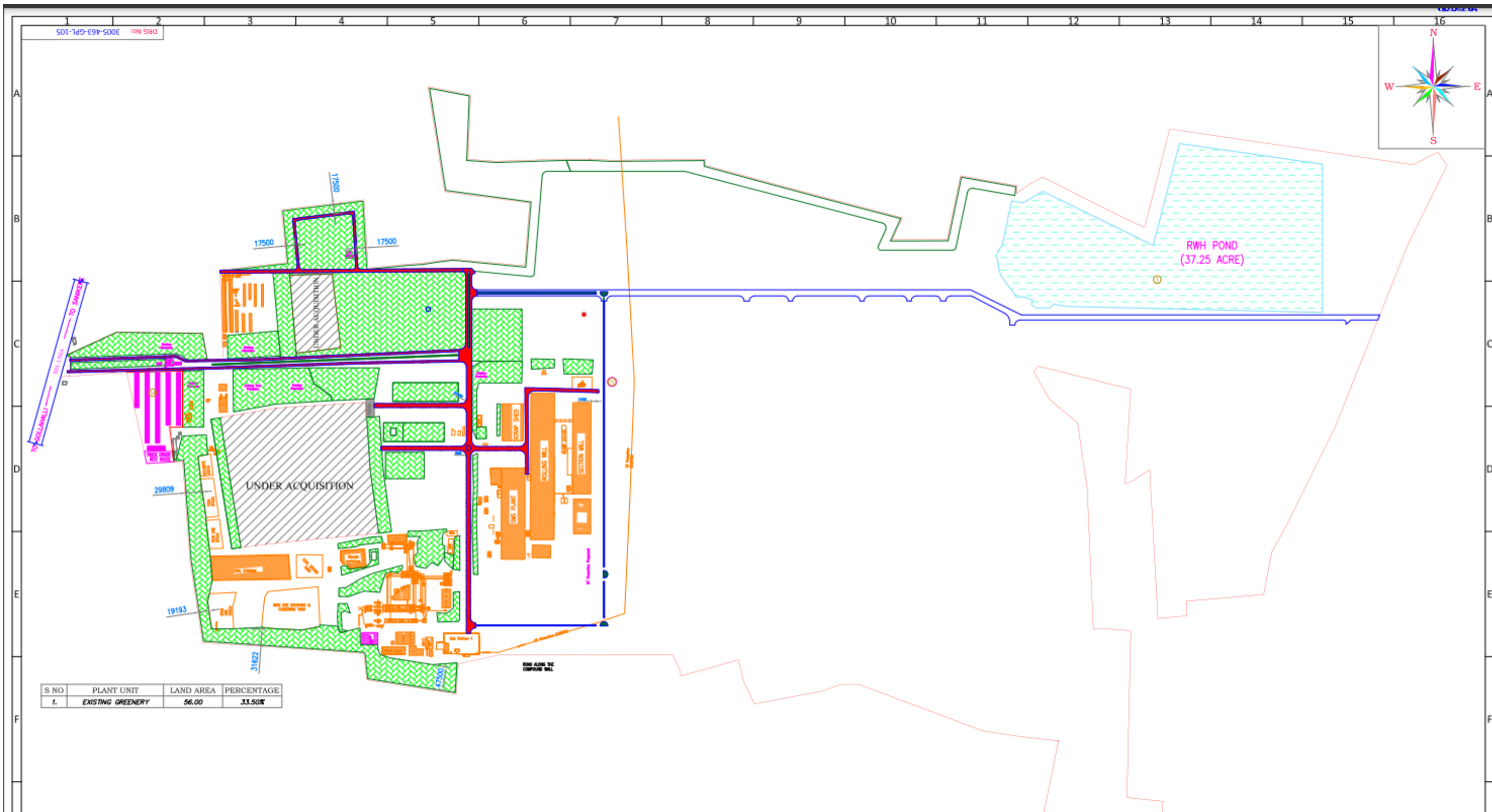
ಇವರಿಗೆ:

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 from
2011 – October 2023.**

Sl.No	Species	Inside plant	Green belt	Gap Plantation	Survival Rate in %	Total
Local Species						
1	Rain tree	6000	4120	30	90	10150
2	Neem	124	4390	10	90	4524
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		3490		82	3490
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	2000				2000
14	Gul-Mohar		230		73	230
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						36552



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



Cluster level Pratibha Karanji programme of Governmnet School children at Sanikere held on Aug-4th,2023



Participants received prizes and certificate in Cluster level Pratibha Karanji programme of Government School children at Sanikere cluster held on Aug-4th,2023



Uniform provided to Anganawadi children to all Anganawadi's at Sanikere panchayath limit, Challakere taluk



School Bag, Note Books, Water Bottle, Steel Plate are donated to all school children at Government schools of Sanikere panchayath limit, Challakere taluk.



Desk provided to Govt. Schools at GHPS Sanikere, GLPS Khandenahalli Gollarahatti, GLPS Kere Mundalahatti, GLPS Jadekunte, GLPS Indira Nagara, GLPS Kandikere villages in Challakere and Hiriyuru Taluk



Free Health Checkup camp organized in collaboration of Basaveshwara Medical collage and Hospital Chitradurga at Kaparahalli village.



Sticks are donated to Old Age people at Kaparahalli village and Jadekunte village, Challakere Taluk.



Menstrual hygiene awareness and sanitary napkins are distributed to high school children at Sanikere panchyath limit schools.



Construction of school toilet block at GLPS Jadekunte Bhoomi pooja carried



Water supply pipeline provided to Govt. High school and PU collage at Yaraballi village Hiriyuru Taluk



Construction of Anganawadi building at Gollahalli village under construction



**Construction of Class rooms at Govt. higher primary school Kaparahalli village, inauguration done by honorable
MLA Mr. Raghuram Chalkere.**



Awareness on Environment programme organized at Govt. High school, Kaparahalli village, Challakere Taluk.



Track suit for sports sponsored to High school children at Govt. High School Kaparahalli village, Challakere Taluk.

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

Summary of CSR Activities from April to September - 2023

Sl #	Description	Location	Cost Incurred
I	Education		
1	Providing Desk to Govt. Lower Primary School at Jadekunte village	Jadekunte	58,086
2	Providing Desk to Govt. Higher Primary School at Sanikere village	Sanikere	1,43,960
3	Providing Desk to Govt. Lower Primary School at Keremundalahatti village	Kere Mundalahatti	29,028
4	Providing Desk to Govt. Lower Primary School at Khandenahalli Gollarahatti village	K. Gollarahatti	65,313
5	Towards providing Almera, Chair, rack and table to Anganawadi A Center	Heggere	27,953
6	Towards providing Almera, Chair, rack and table to Anganawadi B Center	Heggere	27,954
7	Towards providing Almera, Chair, rack and table to Anganawadi Center Hottejjana Kapile	Hottejjana Kapile	27,953
8	Providing Desk to Govt. lower Primary School at Indira Nagara	Indira Nagara	21,771
9	Providing Desk to Govt. lower Primary School at Ajjikatte	Ajjikatte	14,514
10	Towards providing Rack set to GLP Scholl at Gollahalli village	Gollahalli	6,523
11	Towards sponsering of school bag, note book, Water bottle and lunch plate to school going children at GHPS Heggere	Heggere	53,786
12	Providing uniform to Anganawadi children at Gollahalli village	Gollahalli	5,440
13	Towards sponsering of school bag, note book, Water bottle and lunch plate to school going children at GLPS Jadekunte	Jadekunte	55,368
14	Towards sponsering of school bag, note book, Water bottle and lunch plate to school going children at GLPS Kammat Marikunte	K. Marikunte	34,012
15	Creating awareness about environment protection among high school childre at Govt. High School Kaparahalli	Kaparahalli	6,629
16	Sponsoring of Certificates and Prizes on Pratibha Karanji program of Education department, Sanikere cluster, Govt. Karntakata	Sanikere Cluster	41,735
17	Towards sponsering of school bag, note book, Water bottle and lunch plate to school going children at GHPS Kaparahalli village	Kaparahalli	90,170
18	Towards sponsering of school bag, note book, Water bottle and lunch plate to school going children at Govt. High School Kaparahalli village	Kaparahalli	62,076
19	Towards sponsering of school bag, note book, Water bottle and lunch plate to school going children at Govt. Higher Primary School, Sanikere	Sanikere	1,03,021

20	Towards sponsoring of school bag, note book, Water bottle and lunch plate to school going children at Maruti High School, Sanikere	Sanikere	78,307
21	Towards sponsoring of school bag, note book, Water bottle and lunch plate to school going children at Govt. primary school, Hottejjana Kapile	Hottejjana Kapile	15,819
22	Towards sponsoring of school bag, note book, Water bottle and lunch plate to school going children at Govt. primary school, Indira Nagara	Indira Nagara	12,655
23	Towards sponsoring of school bag, note book, Water bottle and lunch plate to school going children at Govt. primary school, Ajjikatte	Ajjikatte	3,954
24	Providing Desk to Govt. higher primary School at Kandikere village	Kandikere	71,980
25	Sponsoring uniform to Anganawadi children at Heggere A,B,C and Maruti Nagara centers	Sanikere	27,200
26	Sponsoring uniform to Anganawadi children at Jadekunte AB & C centers & BL Gowda Nagara	Jadekunte	14,400
27	Sponsoring uniform to Anganawadi children at Kaparahalli A&B centers	Kaparahalli	9,920
28	Sponsoring uniform to Anganawadi children at Kammat Marikunte	Kammat Marikunte	8,320
29	Sponsoring uniform to Anganawadi children at A&B center, Heggere	Heggere	15,040
30	Sponsoring uniform to Anganawadi children at Hottejjana Kapile	Hottejjana Kapile	4,480
31	Towards sponsoring of school bag, note book, Water bottle and lunch plate to school going children at Govt. primary school, Kere Mundalahatti	Kere Mundalahatti	11,073
32	Towards sponsoring of school bag, note book, Water bottle and lunch plate to school going children at Govt. primary school, K. Gollarahatti	K. Gollarahatti	22,147
33	Towards sponsoring of school bag, note book, Water bottle and lunch plate to school going children at Govt. primary school, Gollahalli	Gollahalli	13,446
II	Health		
1	Conducting free medical checkup camp at Kaparahalli village	Kaparahalli	57,938
2	Towards providing walking stick to Oldage people at Jadekunte village	Jadekunte	11,950
3	Towards providing walking stick to Oldage people at Kaparahalli village	Kaparahalli	14,425
4	Towards Awareness on menstrual hygiene and napkin distribution to required girl children from Schools surrounding to the factory	Sanikere GP Limit	11,920
III	Agricultural & Livelihood		

1	Towards providing bricks to Bavaji Ashrama at Kurudihalli	Kurudihalli	1,35,000
2	Providing Tarpaulin to Bavaji ashrama	Kurudihalli	2,596
3	Skill development training at Sanikere	Sanikere	2,91,542
4	Towards providing cattle feed to Bavaji Ashrama at Kurudihalli	Kurudihalli	2,77,700
IV	Drinking water & Sanitation		
3	Towards electrical work carried in RO Plant at BL Gowda Nagara	BL Gowda Nagara	1,92,205
4	Towards pipeline to school toilet block at Govt. High School, Yaraballi	Yaraballi	16,266
1	Towards providing pipeline from overhead tank to distribution line at Jadekunte village	Jadekunte	89,309
2	Towards maintainace expenditure of RO water plat at Heggere village	Heggere	2,500
5	Towards construction of School Toilet Block at Govt. Lower primary School, Jadekunte	Jadekunte	1,00,427
6	Towards machinary expenditure on cleaning of drainages and roads at sanikere	Sanikere	23,500
V	Infrastructure		
1	Towards Construction of Class rooms at Govt. Higher Primary School, Heggere	Heggere	3,29,097
2	Towards Construction of Anganawadi center at Gollahalli village	Gollahalli	2,97,005
3	Towards Construction of class rooms at Govt. Lower Primary School, Kammat Marikunte	K. Marikunte	2,53,742
4	Construction of Class rooms at Govt. Higher Primary School Kaparahalli	Kaparahalli	12,67,211
5	Towards providing rack set to police sub station at Sanikere	Sanikere	9,784
6	Towards providing rack set to Labour office at Chitradurga	Chitradurga	9,784
7	Towards electrical work carried at Sub Registror office, Challakere	Challakere	68,927
8	Repaire of class room door at Govt. High School, Kaparahalli	Kaparahalli	14,276
9	Towards painting of Shima and Durgambika temple at sanikere on Jatra eve	Sanikere	2,50,000
10	Construction of School compound wall at High School Hirihalli	Hirehalli	4,98,444
11	Expenditure towards board writing of RO Water plant at Kaparahalli and BL Gowda Nagara	Kaparahalli	10,000
VI	Sports		
1	Towards providing track suite to School Children at Govt. High School Kaparahalli	Kaparahalli	14,250
VII	Cultural & Social Activity		

1	Towards providing ration on Sree Mahalakshmi temple jatra at Gajjarahalli village	Gajjarahalli	19,850
2	Towards providing ration on kartikotsava at Heggere	Heggere	4,810
3	Towards providing ration on Sri Anjaneyaswmy jatra at Kaparahalli village	Kaparahalli	9,140
4	Towards providing ration on Sri Anjaneyaswmy jatra at Jadekunte village	Jadekunte	5,635
5	Towards providing ration on Sri Anjaneyaswmy temple at Heggere village	Heggere	5,390
	Donation of ration on Sri Ganesha Festival at Gollahalli	Gollahalli	2,980
	Donation of ration on Sri Ganesha Festival at Jadekunte	Jadekunte	2,980
	Donation of ration on Sri Ganesha Festival at Indira Nagara	Indira Nagara	2,980
	Donation of ration on Sri Ganesha Festival at Kaparahalli Colony	Kaparahalli	2,980
	Donation of ration on Sri Ganesha Festival at Kaparahalli	Kaparahalli	2,980
	Donation of ration on Sri Ganesha Festival at Kaparahalli (Rangamandira)	Kaparahalli	2,980
	Donation of ration on Sri Ganesha Festival at Heggere Colony	Heggere	4,710
	Donation of ration on Sri Ganesha Festival at Heggere	Heggere	4,710
	Donation of ration on Sri Ganesha Festival at Sanikere	Sanikere	7,690
Total			55,13,645

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-September- 23		
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 (Sep 23')	55,13,645
Grand Total		4,80,82,810

please note that the approved amount must be utilized in the form of materials for the upcoming program.

Annexure-12

CAAQMS DATA FROM APRIL 2023 TO SEPTEMBER 2023.

To Date		NO ₂ (µg/m ³)	SO ₂ (µg/m ³)	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)
01-04-2023 23:59		25.12	8.69	28.59	31.45
02-04-2023 23:59		27.14	1.23	31.58	38.56
03-04-2023 23:59		14.58	1.45	30.26	39.52
04-04-2023 23:59		15.36	2.45	27.48	40.12
05-04-2023 23:59		11.25	7.89	15.23	35.86
06-04-2023 23:59		10.25	5.23	14.78	35.12
07-04-2023 23:59		17.78	4.25	19.87	39.14
08-04-2023 23:59		14.12	1.47	17.56	30.12
09-04-2023 23:59		9.40	2.45	15.23	39.12
10-04-2023 23:59		7.72	2.14	17.12	30.14
11-04-2023 23:59		6.05	2.45	13.93	29.21
12-04-2023 23:59		4.37	2.28	21.7	56.95
13-04-2023 23:59		2.69	2.15	26.31	56.63
14-04-2023 23:59		21.14	7.57	27.93	57.85
15-04-2023 23:59		14.15	9.64	28.59	58.72
16-04-2023 23:59		17.14	0	31.58	61.56
17-04-2023 23:59		15.23	8.12	30.26	58.81
18-04-2023 23:59		12.14	3.3	27.48	54.27
19-04-2023 23:59		10.45	18.97	29.72	65.27
20-04-2023 23:59		9.45	1.21	28.22	54.62
21-04-2023 23:59		15.12	0	28.52	54.57
22-04-2023 23:59		14.12	0	30.28	57.73
23-04-2023 23:59		13.14	0.16	15.42	32.15
24-04-2023 23:59		12.14	0	14.8	32.41
25-04-2023 23:59		11.34	2.57	28.79	53.86
26-04-2023 23:59		10.14	0	21.22	41.08
27-04-2023 23:59		11.14	0.29	23.55	44.73
28-04-2023 23:59		10.14	0	31.71	58.96
29-04-2023 23:59		9.26	0	22.4	40.29
30-04-2023 23:59		11.14	0	15.45	27.4
01-05-2023 23:59		12.45	0	11.79	22.71
02-05-2023 23:59		14.12	0	12.86	25.58
03-05-2023 23:59		15.12	0	11.9	23.59
04-05-2023 23:59		14.10	0	11.76	26.1
05-05-2023 23:59		17.12	0	12.29	27.02
06-05-2023 23:59		16.12	0	11.24	23.04
07-05-2023 23:59		17.14	0	15.44	31.48
08-05-2023 23:59		12.00	0	14.17	28.03
09-05-2023 23:59		12.00	0	11.45	21.7
10-05-2023 23:59		14.14	0	20.51	39.09
11-05-2023 23:59		15.74	0	28.76	51.96
12-05-2023 23:59		14.89	0	26.8	50.15
13-05-2023 23:59		15.47	0	23.51	45.33
14-05-2023 23:59		12.47	0	20.61	41.84

15-05-2023 23:59	14.27	0	16.88	34.89
16-05-2023 23:59	14.36	0.03	17.75	36.38
17-05-2023 23:59	12.45	0.31	22.51	45.93
18-05-2023 23:59	12.78	1.13	18.23	41.68
19-05-2023 23:59	14.89	6.71	20.93	45.61
20-05-2023 23:59	12.56	0.26	19.94	43.27
21-05-2023 23:59	13.83	0.03	15.62	31.05
22-05-2023 23:59	13.81	0	20.98	41.78
23-05-2023 23:59	13.79	0	19.13	37.46
24-05-2023 23:59	13.77	0	16.79	32.81
25-05-2023 23:59	13.75	0	16.42	32.59
26-05-2023 23:59	13.73	0	12.13	26.29
27-05-2023 23:59	13.71	0	14.19	28.11
28-05-2023 23:59	13.69	0	14.57	29.06
29-05-2023 23:59	13.67	0.18	17.34	35.14
30-05-2023 23:59	13.65	0	16.71	32.52
31-05-2023 23:59	13.63	0	13.35	25.66
01-06-2023 23:59	13.61	0	16.29	31.11
02-06-2023 23:59	13.58	0	17.79	35.74
03-06-2023 23:59	13.56	0	13.91	30.21
04-06-2023 23:59	13.54	0	15.72	34.26
05-06-2023 23:59	13.52	0	11.84	25.56
06-06-2023 23:59	13.50	0	14.49	31.16
07-06-2023 23:59	13.48	0	10.26	22.59
08-06-2023 23:59	13.46	0	6.81	14.28
09-06-2023 23:59	13.44	0	7.41	15.32
10-06-2023 23:59	15.14	0	4.89	10.91
11-06-2023 23:59	17.78	0	7.35	16.55
12-06-2023 23:59	19.14	0	10.32	20.49
13-06-2023 23:59	15.14	0	12.4	28.21
14-06-2023 23:59	16.14	0	12.13	28.41
15-06-2023 23:59	17.89	0	11.32	26.56
16-06-2023 23:59	19.47	0	11.15	26.99
17-06-2023 23:59	12.45	0	12.34	30.34
18-06-2023 23:59	14.89	0	11.99	27.97
19-06-2023 23:59	12.45	0	16.16	37.76
20-06-2023 23:59	17.23	0	15.35	35.56
21-06-2023 23:59	12.00	1.83	11.6	26.42
22-06-2023 23:59	14.00	0	13.23	26.37
23-06-2023 23:59	47.00	0	10.52	18.93
24-06-2023 23:59	17.00	0	6.17	13.14
25-06-2023 23:59	19.00	0	9.66	14.36
26-06-2023 23:59	13.00	0	10.07	18.2
27-06-2023 23:59	14.00	0	8.27	16.79
28-06-2023 23:59	16.00	0	3.62	7.96
29-06-2023 23:59	17.00	0	3.98	9
30-06-2023 23:59	12.45	0	7.97	17.34
01-07-2023 23:59	17.89	0	10.43	18
02-07-2023 23:59	14.12	0	8.55	17.66
03-07-2023 23:59	17.89	0	5.72	12.13

04-07-2023 23:59	19.68	0	3.65	8.2
05-07-2023 23:59	17.45	0	4.73	10.05
06-07-2023 23:59	13.47	0	7.78	15.71
07-07-2023 23:59	17.45	0	8.42	16.85
08-07-2023 23:59	14.95	0	8.31	17.35
09-07-2023 23:59	14.65	0	8.9	15.27
10-07-2023 23:59	14.35	0	11.08	18.89
11-07-2023 23:59	14.06	0	9.34	16.66
12-07-2023 23:59	13.76	0	8.27	17.34
13-07-2023 23:59	13.46	0	5.83	13.5
14-07-2023 23:59	13.17	0.08	5.33	11.61
15-07-2023 23:59	12.87	0	8.02	15.31
16-07-2023 23:59	12.58	0	9.53	16.72
17-07-2023 23:59	12.28	0	10.53	17.16
18-07-2023 23:59	11.98	0	9.75	19.36
19-07-2023 23:59	11.69	0	9.57	16.41
20-07-2023 23:59	12.45	0	9.66	15.27
21-07-2023 23:59	11.09	0	10.81	18.56
22-07-2023 23:59	10.80	0	7.31	14.25
23-07-2023 23:59	10.50	0	3.74	8.86
24-07-2023 23:59	10.21	0	5.13	11.73
25-07-2023 23:59	9.91	0	5.13	11.82
26-07-2023 23:59	9.61	0	3.2	7.7
27-07-2023 23:59	9.32	0	6.73	15.4
28-07-2023 23:59	9.02	0	8.54	18.11
29-07-2023 23:59	8.72	0	9.15	14.93
30-07-2023 23:59	8.43	0	8.81	15.29
31-07-2023 23:59	8.13	0	9.58	20
01-08-2023 23:59	7.84	0	9.64	21.34
02-08-2023 23:59	7.54	0	10.6	19.42
03-08-2023 23:59	7.24	0	10.12	20.81
04-08-2023 23:59	6.95	0	9.09	18.69
05-08-2023 23:59	6.65	0	9.92	16.26
06-08-2023 23:59	6.36	0.63	10.31	18.42
07-08-2023 23:59	12.45	0	10.92	19.93
08-08-2023 23:59	17.45	0	10.79	19.65
09-08-2023 23:59	16.36	0	11.6	22.94
10-08-2023 23:59	14.52	0	13.02	27.73
11-08-2023 23:59	18.25	0	12.69	26.91
12-08-2023 23:59	14.25	0	12.04	27.59
13-08-2023 23:59	17.36	0	11.35	24.31
14-08-2023 23:59	14.25	0	13.14	27.14
15-08-2023 23:59	14.00	0	12.12	27.54
16-08-2023 23:59	17.89	0	11.34	21.92
17-08-2023 23:59	74.12	0	9.79	19.3
18-08-2023 23:59	15.23	0	7.63	16.93
19-08-2023 23:59	14.14	0	6.6	14.6
20-08-2023 23:59	17.12	0	11.84	25.99
21-08-2023 23:59	14.56	0	15.54	30
22-08-2023 23:59	17.00	0	16.08	31.24

23-08-2023 23:59		19.63	0	17.01	33.49
24-08-2023 23:59		17.23	0	16.75	32.74
25-08-2023 23:59		24.03	0	17.1	33.64
26-08-2023 23:59		24.64	0	17.9	35.41
27-08-2023 23:59		25.25	0	18.74	37.18
28-08-2023 23:59		25.86	0	18.49	36.63
29-08-2023 23:59		26.46	0	16.91	33.19
30-08-2023 23:59		20.32	0	17.46	34.43
31-08-2023 23:59		19.86	0	16.42	32.19
01-09-2023 23:59		19.40	0	11.5	21.85
02-09-2023 23:59		18.94	0	13.69	26.31
03-09-2023 23:59		18.47	0	16.04	31.12
04-09-2023 23:59		18.01	0	11.05	20.34
05-09-2023 23:59		17.55	0	9.62	17.32
06-09-2023 23:59		17.08	0	12.37	23.58
07-09-2023 23:59		16.62	0	13.35	25.39
08-09-2023 23:59		16.16	0	14.42	27.51
09-09-2023 23:59		15.70	0	15.46	30.08
10-09-2023 23:59		15.23	0	15.43	29.92
11-09-2023 23:59		14.77	0	15.27	29.46
12-09-2023 23:59		14.31	0	15.34	29.72
13-09-2023 23:59		13.84	0	15.35	29.7
14-09-2023 23:59		14.52	0	14.99	29.08
15-09-2023 23:59		12.12	0	15.68	30.51
16-09-2023 23:59		17.00	0	14.59	28.2
17-09-2023 23:59		19.36	0	11.37	21.03
18-09-2023 23:59		17.25	0	12.89	24.82
19-09-2023 23:59		25.63	0	10.95	19.95
20-09-2023 23:59		17.29	0	12.57	23.86
21-09-2023 23:59		18.36	0	13.98	26.54
22-09-2023 23:59		17.63	0	14.88	28.62
23-09-2023 23:59		18.45	0	14.56	28.06
24-09-2023 23:59		17.29	0	12.58	23.74
25-09-2023 23:59		19.99	0	11.94	22.48
26-09-2023 23:59		17.98	0	13.12	24.8
27-09-2023 23:59		15.87	0	15.95	30.9
28-09-2023 23:59		16.56	0.1	12.71	23.79
29-09-2023 23:59		17.56	0	9.42	16.84

MONTH	April - 2023. AAQM					
LOCATION	Cooler Discharge	SMS and Re-heating	Staff Colony	Heggere Village	Gollahalli Village	Kaparahalli Village
PM 10	73	63	69	48	49	39
PM 2.5	22	15	19	19	19	19
So2	9	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	May- 2023. AAQM					
LOCATION	Cooler Discharge	SMS and Re-heating	Staff Colony	Heggere Village	Gollahalli Village	Kaparahalli Village
PM 10	69	65	61	41	44	43
PM 2.5	22	20	19	16	15	17
So2	7.8	8	7.6	6.3	2.1	3.1
No2	8.4	8.3	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	June- 2023. AAQM					
LOCATION	Cooler Discharge	SMS and Re-heating	Staff Colony	Heggere Village	Gollahalli Village	Kaparahalli Village
PM 10	72	66	62	43	47	44
PM 2.5	21	21	17	15	17	14
So2	7.6	8.3	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	July- 2023. 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	August 2023. 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	September 2023. 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

Annexure-13



SUMS TECHNO LABS PRIVATE LIMITED

[Analytical & Environment Laboratory]
NABL Accredited Laboratory Cert No. TC-6224
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ISO 14001:2015
ISO 45001:2018
TC-6224

AMBIENT NOISE LEVEL REPORT

1. Name and Address of the Customer : M/s. Prakash Sponge Iron & Power Pvt Ltd,
Sy no.42, 43, Heggere village chalakere taluk,
Chitradurga Dist. Pin -577522.
2. Sample Collected By : SUMS Techno Labs Private Limited, Hosapete
3. Month of Monitoring : OCTOBER-2023
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 : TC622423000000762F
9. Test Report Number : STLPL/PSIP /AN/2023/10/762
10. Report Issued Date : 30.10.2023

Day time Ambient Noise Level									
Sl. No	Sample Location	Lab Code	Sampling Date	Date of Sample receipt	Time Frequency	Parameters in dB(A)			KSPCB/ CPCB STD
						Min.	Max.	Leq	
1	Near office area	9017/15	04.10.2023	05.10.2023	09:00 AM to 09:15 AM	56.8	67.2	61.8	75
		9017/50	18.10.2023	19.10.2023	09:10 AM to 09:25 AM	59.1	69.6	64.1	
2	RM Feeding area	9017/16	04.10.2023	05.10.2023	09:55 AM to 10:10 AM	65.6	75.8	70.5	75
		9017/51	18.10.2023	19.10.2023	09:45 AM to 10:00 AM	68.1	79.2	73.4	
3	Near Main gate area	9017/17	04.10.2023	05.10.2023	10:40 AM to 10:55 AM	66.4	77.3	71.6	75
		9017/52	18.10.2023	19.10.2023	10:30 AM to 10:45 AM	63.9	75.1	69.3	
4	Heggere Village	9017/18	04.10.2023	05.10.2023	11:55 AM to 12:10PM	46.5	56.8	51.4	55
		9017/53	18.10.2023	19.10.2023	11:40 AM to 11:55 AM	49.8	60.2	54.8	
5	Gollahalli Village	9017/19	04.10.2023	05.10.2023	02:00 PM to 02:15 PM	45.3	56.1	50.4	55
		9017/54	18.10.2023	19.10.2023	02:50 PM to 03:05 PM	46.7	57.2	51.7	
6	Koparahalli Village	9017/20	04.10.2023	05.10.2023	03:05 PM to 03:20 PM	46.8	56.9	51.6	55
		9017/55	18.10.2023	19.10.2023	03:55 PM to 04:10 PM	47.0	57.8	52.1	



Authorized Signatory
Shivashankaraiah.H.M
Page No.13 of 35

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.



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



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.







Annexure-15

ENVIRONMENT EXPENDITURE TILL 31.10.2023

Implemented Air Pollution Control Measures:

Sl. No.	Unit	Measures implemented	Investments in Lacs
1.	Rotary Kiln Stack	ESP with Pug Mill & 60meterconcrete 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 pressuredwater 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 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	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 KLD capacity.	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 Control Measures	Investments in Lacs
1.	Diesel Generator	Acoustic enclosures.	25.00
2.	Plants Equipment & Machinery	Sophisticated equipment followed by proper greasing and preventive 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.	24
2.	STP- AMC	Monthly maintenance and operation cost	18
3.	Green belt development	For maintenance and watering (Including tankers and labors)	99
TOTAL INVESTMENT			6,612.5 lacs.



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.



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

Annexure-16

HOME ABOUT US MINING COMPANIES AWARDS CSR CONTACT US

Downloadable Documents

EC Document

DOWNLOAD

FORM V

DOWNLOAD

Compliance Report

DOWNLOAD

32 (Old 421), 7th 'B' Main Road, 4th Block, Jayanagar, Bengaluru- 560 011, India
080 2665 5930
080 2244 0795
mail@ermgroup.in

Navigation

Home About us
Mining Companies
Awards CSR
Contact us



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 22nd December 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 8185278000, www.ermgroup.in

Annexure-17

PROJECT STATUS REPORT

PRAKASH SPONGE IRON & POWER PVT LTD
MINI- INTEGRATED STEEL PLANT IN CHITRADURGA DISTRICT, KARNATAKA

BACKGROUND REPORT

M/s. Prakash Sponge Iron & Power Pvt Ltd (PSIP) is presently operating a sponge iron kiln of capacity 300 TPD in Chitradurga district of Karnataka. PSIP started its commercial production with 100 TPD Sponge Iron Unit on 24th June 2010, completed installation of second 100 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. The 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 IS GIVEN BELOW.

Sl. No.	Unit	Facility With Capacity	Project Commenced Date/Status.	Project Completed Date
1.	Sponge Iron	3X 100 TPD	24 th 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

PRAKASH SPONGE IRON & POWER PVT LTD
MINI- INTEGRATED STEEL PLANT IN CHITRADURGA DISTRICT, KARNATAKA

6.	Light Structural Mill	1,00,000 TPA	March 2017	September 2018
7.	Captive Power Plant	7.1 MW	December 2020	December 2021
8	Solar Power plant	3 MW	September 2022	March 2023

PSIPL expansion plan get delayed due to the Iron Ore ban in Karnataka on September 2011, since factory is running with only Iron Ore Fine and pellets. PSIPL received EC from MoEF&cc in the month of December 2011 and CFE in the month of February 2012 for the proposed Mini Integrated Steel Plant. PSIPL has taken over by new management on February 2014 (Our Change of Management Intimation Letter dated. 10.03.2014) and presently running 300 TPD Sponge Iron Unit (90,000 Tonnes/Annum) by procuring Iron Ore from E-Auction by MSTC monitoring committee.

Implemented Air Pollution Control Measures:

Sl. No.	Unit	Measures implemented	Investments inLacs
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
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PRAKASH SPONGE IRON & POWER PVT LTD
MINI- INTEGRATED STEEL PLANT IN CHITRADURGA DISTRICT, KARNATAKA

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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

PRAKASH SPONGE IRON & POWER PVT LTD
MINI- INTEGRATED STEEL PLANT IN CHITRADURGA DISTRICT, KARNATAKA

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Service cost till date.

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