

Periodical Compliance Report

Period: October 2020-March 2021

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.	Initially company has obtained Environmental Clearance for 1X100 TPD Sponge Iron Kilns from SEIAA: 22: IND: 2009, Dated 8 th January 2010. Later company has obtained EC form MoEF for the proposed expansion to 0.28 MMTPA from existing Sponge Iron kilns on 22 nd December 2011. We are regularly submitting the reports compliance 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 proof of the same is Enclosed as Annexure-1 . And the ambient air quality monitoring station will be establishing in phase wise manner once the complete unit (Integrated Steel Plant) gets operational. The details of the existing Air pollution control equipment's is 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.	Agreed Upon. We are following Ambient Air Quality Standards recommended by KSPCB - Bangalore and we are regularly updating for the 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 30 th 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 Covering the fly ash dumps with tarpals to control fugitive emission at material handling area, roads and transfer points. 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 densed 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 Covering the fly ash dumps with tarpals to control fugitive emission at material handling area, roads and transfer points. 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 ABC. 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 25 m 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 .
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 constructed first rain water harvesting reservoir with the storage capacity of 20 Lakh m ³ and 2nd Rain water harvesting reservoir is under progress and which is of 40 Lakh m ³ storage capacity and we have constructed the 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 we are completely recycling the water without discharge.
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 Material balance sheet of the fly ash utilization is Enclosed as 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 achieved to develop the green belt more than 33 % of plant area with suitable local and endogenous species of plants. The list, plant layout with details of area and the photographs exhibits the same 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. We are covering the fly ash dumps with tarpals to control fugitive emission at material handling area, roads and transfer points. Photos exhibit 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.	We will fulfill all commitments given to public in stage by stage process. So far, we have fulfilled many of the public commitments. 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.	Industry is implementing ESC in phase wise manner and the CSR activities which are carried out till date are enclosed as Annexure-11 .
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.	We have provided separate colony for labours inside the premises, with all the basic needs like Rooms, toilets, bathrooms, primary health care center and canteen for food. Along with this we have constructed a STP of 50 KLD capacity to treat the wastewater generated from labour

		colony and the same being used for the Plantation purpose.
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 following all the conditions and Norms issued by Karnataka State Pollution Control Board and State Government.
2	No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment and Forest.	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.	Ambient Air Quality Monitoring and Stack emission will be conducted twice in a week by NABL Approved Laboratory and KSPCB as well, the reports of the same is regularly sent the KSPCB Regional office Chitradurga. The latest monitoring report is Enclosed as Annexure-12 . We will establish Ambient Air Quality Monitoring stations by phase wise manner once the complete unit (Integrated Steel Plant) gets operational.
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. And we are conducting the regular monitoring to ensure that the noise levels are well within the prescribed standards. 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 have provided Primary health center the details of the same is Enclosed as Annexure-14 . And we are conducting the regular checkup of every employee once in 6 Month. And we are maintaining all records prescribed as per the factories act accordingly.

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 first rain water harvesting reservoir with the storage capacity of 20 Lakh m3 and 2nd Rain water harvesting reservoir is under progress and which is of 40 Lakh m3 storage capacity and we have constructed the contour trench and Loose boulder check dam, the photo exhibits 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.	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. The Document of the socio-economic development activities till date 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 earmarked the capital cost for the implementation of environmental pollution control condition stipulated by the board and details of the same is submitted along with the CFE/CFO Application.
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 at our Company Website.
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 and we update all prescribed data regularly.
13	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including	We are submitting monitoring reports once in a every six month to MoEF&cc through Mail and

	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.	a hard copy through post to the Regional office of MoEF&cc. And a copy of the same will be sent to the KSPCB Regional office 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 will submit to KSPCB Regional office Chitradurga and the same will be uploaded at our company website regularly.
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.
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.	We are updating our activities to regional office regularly.

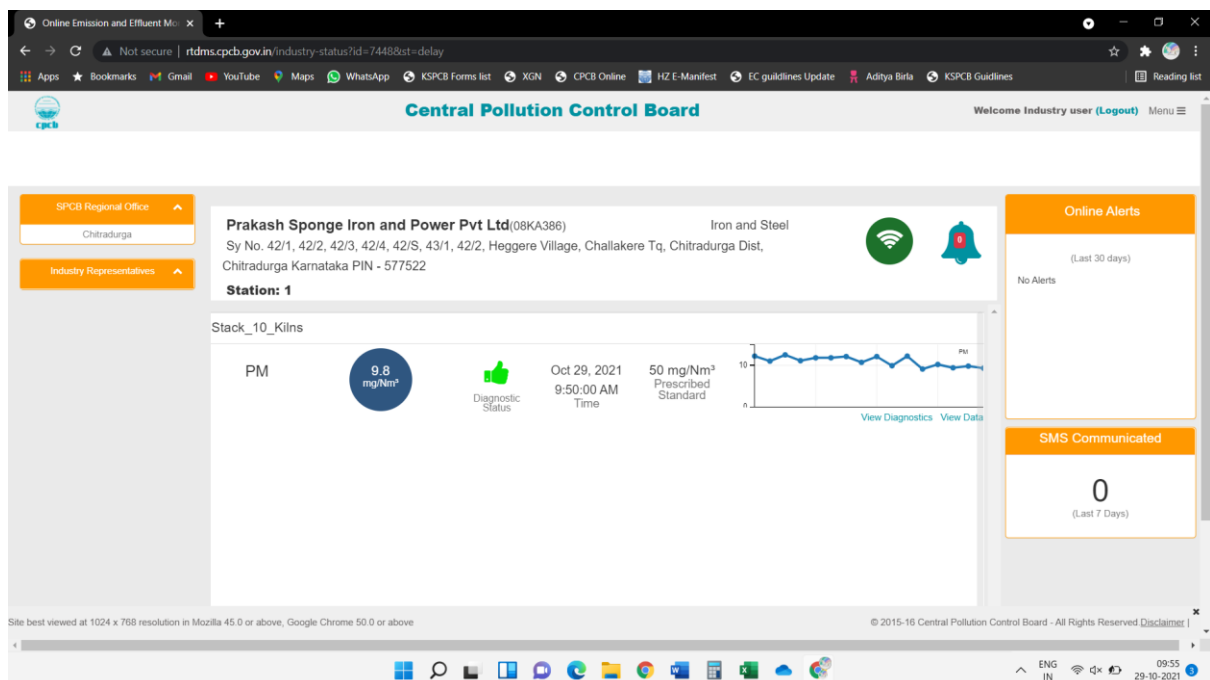
Annexure-1



Continuous stack monitoring device Installed at our Rotary Kilns Stack.



Live Display unit installed at our office.



Proof of linking the data with CPCB Online Emission and Effluent Monitoring System.

Annexure-2

Air Pollution Control Equipments

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
Total Cost					693.7	

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



Chimney Attached to Intermediate Bin
Air Pollution Control App : Bag Filter
Chimney Height : 30 meters

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



Covering of the Fly ash Dumps to Avoid Fugitive Emission.

Annexure-4

Sl.No	Water Flow Meter Location	KGWA Reg No	Water Consumption During April in KL	Water Consumption During May in KL	Water Consumption During June in KL
1	Main Gate-BH-1	O1CLK/2017-18	1829.2	1548.7	1119.3
2	Main Gate- BH-2	O2CLK/2017-18	748.2	342.3	1647.3
3	Sponge Pump house	O3CLK/2017-18	2164.5	670.3	1667.9
4	Anadappa Canteen	O5CLK/2017-18	675.8	161.1	46.8
5	Coal Yard	O6CLK/2017-18	573.3	478	586.3
6	Brick Plant	O7CLK/2017-18	184.9	124.7	127.5
7	Labour Colony, BH-1	O8CLK/2017-18	477.5	721.8	549.5
8	PSIPL canteen Opp	O9CLK/2017-18	140.3	134.2	175.6
9	Labour Colony, BH-2	10CLK/2017-18	1065.9	959.9	565.7
10	Scrap Yard Point	INDUS-01 CLK/2020-21	898.7	967.3	595.7
11	Rolling Mill-1	INDUS-02 CLK/2020-21	1729.7	1428	2001.6
12	Section Mill-1	INDUS-03 CLK/2020-21	4906.6	2699.7	2930.8
Total Consumption in KL			15394.6	10236	12014

Water Consumption During July in KL	Water Consumption During August in KL	Water Consumption During September in KL	Total Water Consumption in KL
1558.6	1390.8	1200.5	8647.1
1955.5	1925.6	2090	8708.9
2004.3	2347.6	2192.6	11047.2
228.8	256.4	6.5	1375.4
628.1	617.4	632.7	3515.8
125.3	190.7	306.5	1059.6
363.1	375.5	581.8	3069.2
205.5	222.3	249.8	1127.7
859.9	710	767.8	4929.2
1426.2	575.1	91.3	4554.3
3872.7	5560.8	6607.8	21200.6
3943.5	4126.5	4387.9	22995
17171.5	18298.7	19115.2	92230

Annexure-5

Rain Water Storage Lake.



Proposed area: 30 acres.

Current area: 10 Acres.

With storage Capacity of 2,00,000m³ water Current we have stored with approximate 1,70,000 m³ water.

Contour Trench

Contour Trench – 1







Contour Trench – 2





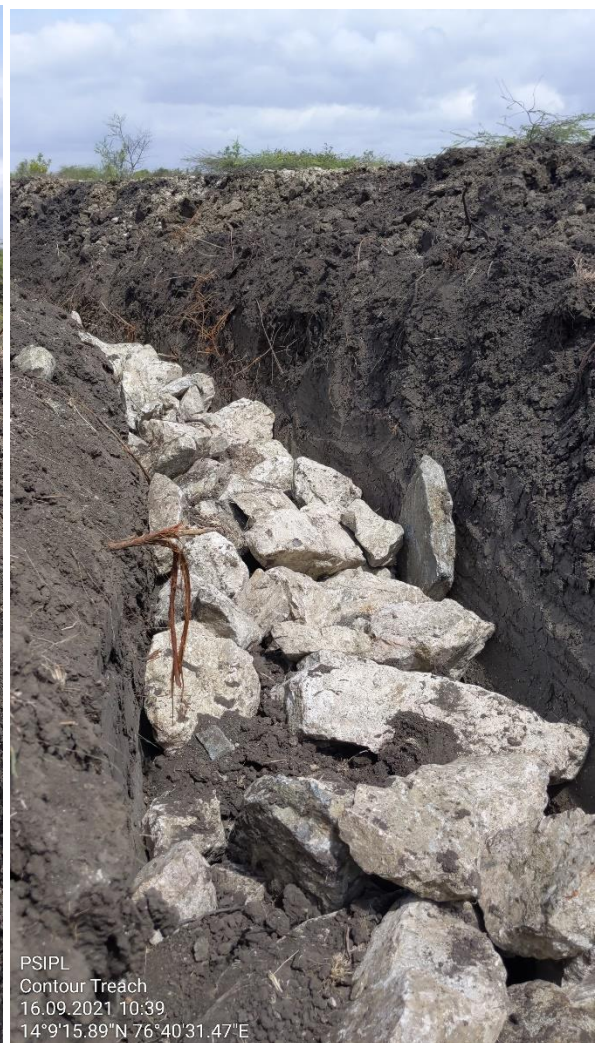


PSIPL
Contour Treanch
08.10.2021 12:04
14°9'17.85"N 76°40'25.3"E
Karnataka 577522



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:



Annexure-6

To
The Environmental Officer
Regional Office
Karnataka State Pollution Control Board
"House No. C.A-2, 3rd main,
KHB colony, behind Pragathi Gramina Bank
CHITRADURGA – 577501.

20th July, 2020

Dear Sir,

Sub: Submission of Solid Waste Generation & Disposal for the existing and proposed facilities.

With reference to the subject cited above, we are herewith submitting solid waste generation & disposal details with respect to our existing and proposed facilities.

Facilities	Existing Capacity	Proposed Capacity	Existing solid waste Generation/Month	Additional solid waste Generation/Month	Total TPM
Sponge Iron	6000TPM	3000TPM	Char Lumps= 480T	Char Lumps= 240T	720
			Dolochar = 1200T	Dolochar = 600T	1800
			Coal Ash = 1200 T	Coal Ash = 600T	1800
Billets	7200TPM	3600TMP	Slag = 600 T	Slag = 300 T	900

The following vendors are lifting our solid waste to Power plants, Cement Plants & Clay Brick Manufacturing.

Serial No.	Vendor Details for Char Lumps & Dolochar Disposal
1.	Wienerberger India Private Limited
2.	Shaheen Trader
3.	Green Tech Global Corporation

Serial No.	Coal Ash & Slag Disposal
1.	In-house Brick Making Unit

Thanking you,

Yours faithfully
For **Prakash Sponge Iron & Power Pvt Ltd**


Authorized Signatory

Annexure-7

To
The Environmental Officer
Regional Office
Karnataka State Pollution Control Board
"House No. C.A-2, 3rd main,
KHB colony, behind Pragathi Gramina Bank
CHITRADURGA – 577501.

20th July, 2020

Dear Sir,

Sub: Submission of Solid Waste Generation & Disposal for the existing and proposed facilities.

With reference to the subject cited above, we are herewith submitting solid waste generation & disposal details with respect to our existing and proposed facilities.

Facilities	Existing Capacity	Proposed Capacity	Existing solid waste Generation/Month	Additional solid waste Generation/Month	Total TPM
Sponge Iron	6000TPM	3000TPM	Char Lumps= 480T	Char Lumps= 240T	720
			Dolochar = 1200T	Dolochar = 600T	1800
			Coal Ash = 1200 T	Coal Ash = 600T	1800
Billets	7200TPM	3600TMP	Slag = 600 T	Slag = 300 T	900

The following vendors are lifting our solid waste to Power plants, Cement Plants & Clay Brick Manufacturing.

Serial No.	Vendor Details for Char Lumps & Dolochar Disposal
1.	Wienerberger India Private Limited
2.	Shaheen Trader
3.	Green Tech Global Corporation

Serial No.	Coal Ash & Slag Disposal
1.	In-house Brick Making Unit

Thanking you,

Yours faithfully
For **Prakash Sponge Iron & Power Pvt Ltd**


Authorized Signatory



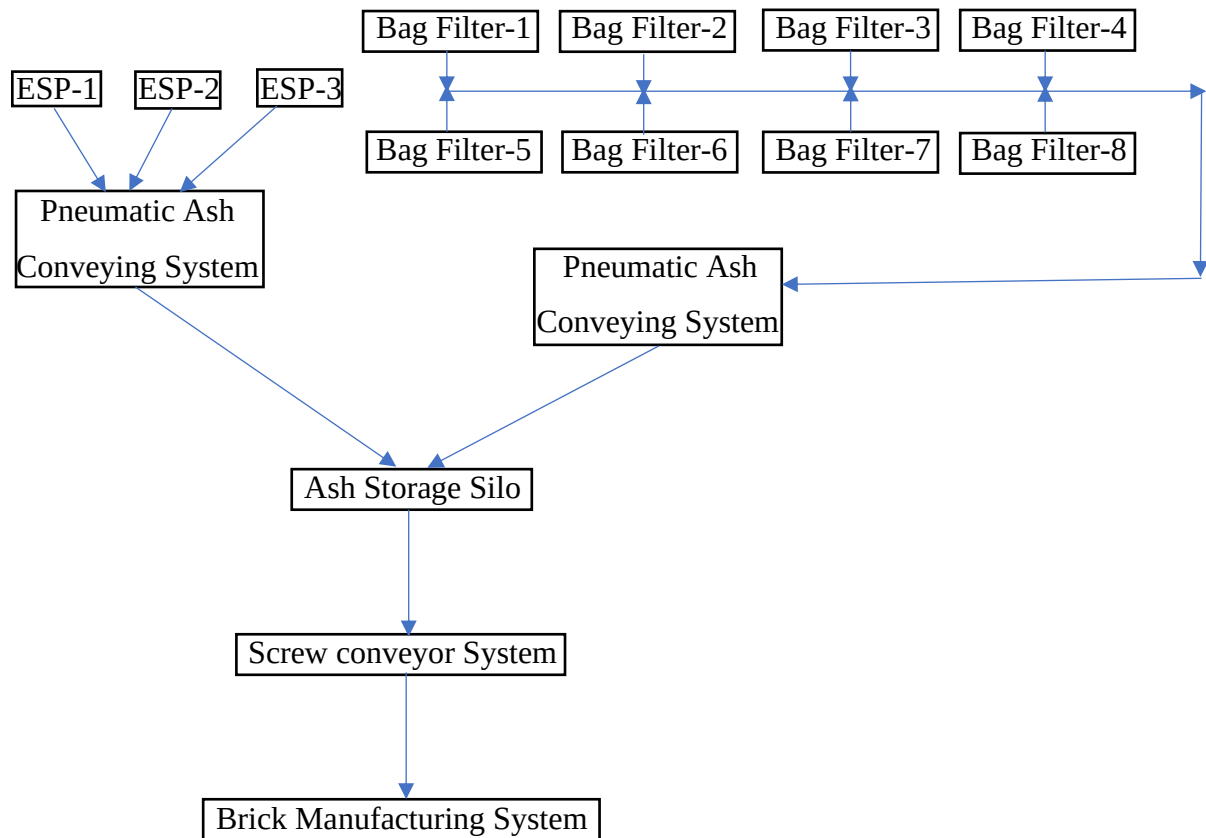
“Fly Ash Utilization Certificate”

Fly ash Utilization for the financial year 2020-2021 is as follows:

Sl. No	Generation of fly ash in MT	Utilization for inhouse brick manufacturing in MT	Closing Stock till April-21 in MT
1	17789	13277	7519

Note: Presently industry is having a fly ash brick manufacturing unit of capacity 10000 Bricks / day, which can consume 75 MT fly ash per day. The entire Fly ash will be converted as bricks within short period of time.

“Fly Ash Material balance sheet”



Annexure-8

ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಕಾರ್ಖಾನೆಗಳು, ಬಾಯ್ಲರುಗಳು, ಕೈಗಾರಿಕಾ ಸುರಕ್ಷತೆ ಮತ್ತು ಸ್ವಾಸ್ಥ್ಯ ಇಲಾಖೆ

ಸಂ: ಸಿಎಸ್‌ಎಂಸಿ/ಎಂಎಚ್‌ಚೆ/ಸಿ/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 ತಿದ್ದುಪಡಿಸಿದಂತೆ) 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 ತಿದ್ದುಪಡಿಸಿದಂತೆ) 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:

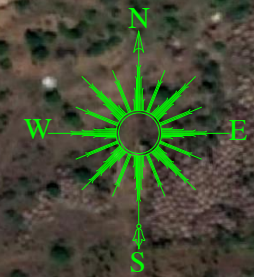
Occupier / Manager,
M/s. Prakash Sponge Iron &
Power Pvt. Ltd.,
Sy. No. 42, 43, Heggere Village,
Challakere Taluk,
Chitradurga District-577 522.

Annexure-9

Prakash Sponge Iron and Power Private Limited Plantation details.

Sl.No	Species	Green belt	Plain land	Outside the premises	Gap Plantation	Servival Rate in %	Total
Local Species							
1	Rain tree	4850	3380	40	15	90	8285
2	Neem	95	1970	15	4	90	2084
3	Indian Beech Tree (Honge)	84	780	15	7	90	886
4	Jamun Fruit	49	46			90	95
5	Fig tree		80			80	80
6	Shimaruba		201			70	201
7	Great Neem		453			70	453
8	Peepal Tree		72			80	72
9	Teak		1490			80	1490
10	Jack Fruit		50			75	50
11	Tamarind		100			75	100
12	Subabul Tree	3870	1990			80	5860
Indegenous Species							
13	Sandal		150			70	150
14	Gul-Mahar		200			70	200
15	Black Gold		15			70	15
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		250			70	250
22	Custard apple		25			70	25
23	Junglee badam tree		300			80	300
24	Papaya		20			70	20
25	Ficus		20				20
Total Till Now		9448	12437	70	26		21981

Prakash Sponge Iron & Power (P) Ltd.
Heggere, Kaparahalli & Sanikere Villages
Challakere Taluk
Chitradurga District.



SCALE-1:3960

Prakash sponge iron & power privat...

Prakash Sponge Iron and Power Private Lin

NOT IN POSITION OF PSIPL LAND

NOT IN POSITION OF PSIPL LAND

INDEX	AREA (A-G)
 Boundary	132.06
 Plantation	44.06
 Not In Position Of PSIPL Land	21.02
 Plant	88.00

Annexure-10

CSR Proposals during environmental public hearing and their status.

Sl. No.	CSR Description	Action Plan	Cost in Rs.
1.	75% employment for locals	Maintaining the same ration	-
2.	Local School Infrastructures like furniture's, Library, academic function hall etc.	Providing and details in CSR Presentation	9818066
3.	Provision of scholarship for local students	Providing and details in CSR Presentation	
4.	Providing uniforms to local schools once in a year	Providing and details in CSR Presentation	
5.	Organizing medical camps on yearly basis	Organizing and details in CSR Presentation	809870
6.	Arranging of sports activities in local schools	Arranging once in a year	225897
7.	Development of temples @ local villages	Developing and details in CSR Presentation	4516090
8.	Self – help training will be provided to rural women	Under Process	9985166
9.	Rural development activities by providing machineries	Under Process	
Total Cost spent			25355089

Annexure-11

Corporate Social Responsibility works by Prakash Sponge Iron and Power Private Limited, During the Financial Year of 2020-2021.



Tab Distribution for SSLC students



Mask distribution



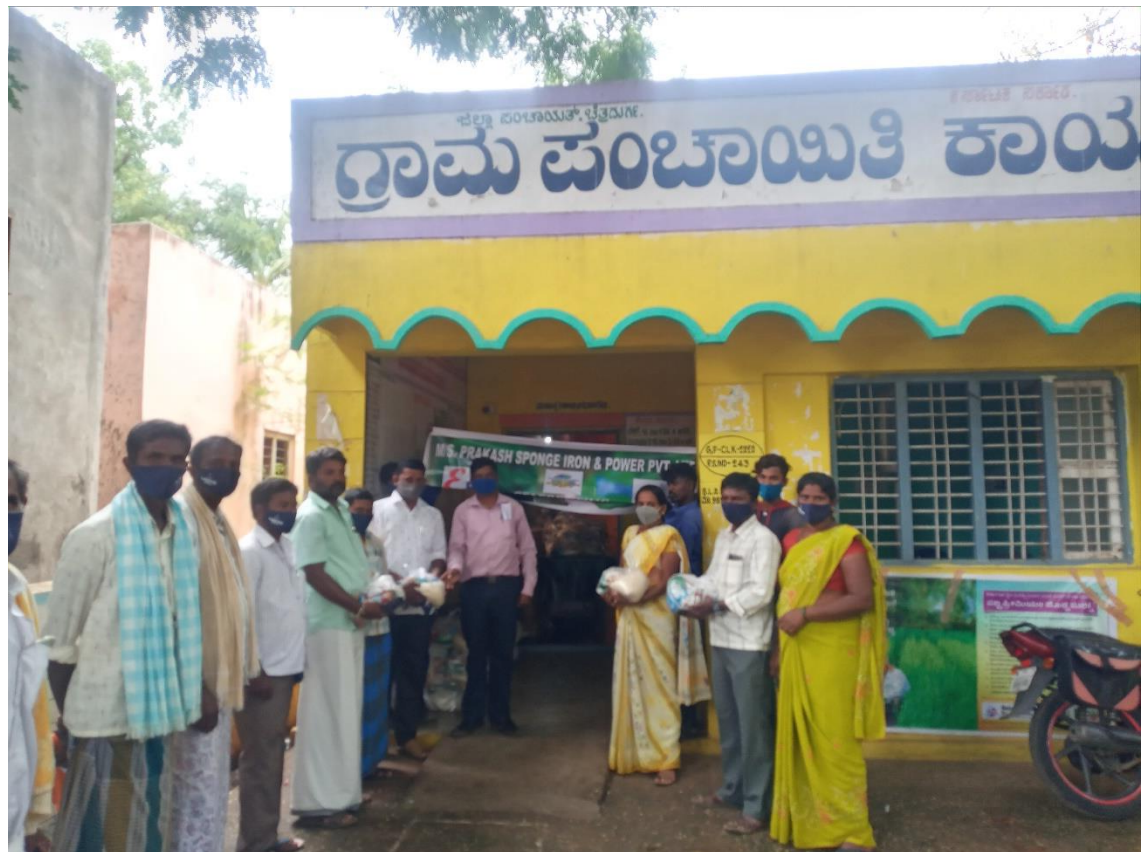
Face Shield Distribution, mask and sanitiser to Challakere police station



Nayakanna hatti food kit distribution



Face shield mask sanitizer to tahsildar office Challakere



Sanekere distribution of food kits



Medical camp at higgere



Hand sanitizer distribution at Sub-Register office Challakere



Hand sanitizer distribution at Land revenue office Challakere



Quarantine Rooms

**Prakash Sponge Iron & Power Private Ltd., Heggere village,
Challakere Taluk, Chitradurga Dist.**

Summary of CSR Activities from April - 2020 to Mar - 2021

Sl No	Description	Location	Cost Incurred
I	Education		
1	Creating awareness of Covid - 19 during lockdown in local area	Surrounding to PSIPL	18064.00
2	Providing Eco Friendly Sri Ganesh Sticker for creating awareness joint coordination with KSPCB		1850.00
3	Providing pre Loaded syllabus of 10th Standard Tabs to Govt. High Schools Surrounding to Factory joining had with Rotary Club and Public TV adventure called Gnana Deevige Programme	Surrounding to PSIPL	2884235.00
4	Donation towards printing of Awareness Banners (Flex Printing)		23765.00
II	Agricultural Support		
1	Providing cattle food at Bavaji Ashrama	Kuradihalli	1061715.80
2	Providing Water Irrigation Set to Bavaji Ashrama	Kuradihalli	2892.41
III	Drinking water & Sanitation		
1	Providing Submersible motor stater box at Bavaji Ashrama	Kurudihalli	5487.00
2	Providing RO Water purifier to Govt. School	Heggere	6490.00
3	Towards repair charges of RO Plant	Gollahalli	93032.00
4	Towards construction of Drinking water sump at Bavaji Ashrama	Kurudihalli	17419.16
IV	Infrastructure		
1	Repair of Toilet & Bathrooms at Govt School	Sanikere	17114.00
2	Towards cleaning of footpath and drainages by JCB at Slum Area in Challakere	Challakere	102708.00
3	Providing Bricks to Sri Beeralingeswara Swamy Temple	Kanadanahalli	15762.00
4	Repair of School Compound wall	Heggere	12000.00
5	Towards transportation charges of shifting bricks to Police station	Challakere	6920.00
6	Construction of Sri Anjaneya Swamy Temple at Kaparahalli	Kaparahalli	120000.00
7	Providing Bricks to Sri Shiva Temple	Sanikere	3585.00
8	Cleaning of Drainages in surrounding villages to Factory (Kaparahalli, Jadekunte, Heggere, Sanikere & Other villages)	Surrounding villages	35520.00
9	Providing window Curtains to DMG Chitradurga	Chitradurga	2489.00

Corporate Social Responsibility works by Prakash Sponge Iron and Power Private Limited

10	Construction and Painting of Sri Anjaneya Swamy Temple at Kaparahalli	Kaparahalli	60000.00
11	Providing Paint and Tools to Sri Anjaneya Temple	Kaparahalli	4954.00
12	Towards bricks freight charges		14500.00
13	Donation of RCC Pipes for 13 No's		63638.00
14	Donation of MS & GI pipes, Hinges to Sri Anjaneya Temple	Kaparahalli	23848.41
15	Towards providing electricity connection to Sri Anjaneya Temple (TDS)	Kaparahalli	12440.00
16	Towards TDS expenditure of Gate work of Sri Anjaneya Temple (TDS)	Kaparahalli	31388.00
17	Towards providing Bricks to Bavaji Ashrama for Sump work	Kurudihalli	19175.00
18	Towards providing Granite Name Board of Sri Anjaneya Swamy Temple	Kaparahalli	3900.00
19	Towards providing Chairs to Bescom Office	Challakere	3600.00
20	Towards providing PVC Basket & Buket to Bavaji Ashrama	Kurudihalli	3810.22
V	Sports		
1	Towards Cricket Stadium Cleaning Charges	Heggere	3800.00
2	Towards providing ration items to BESCO Cricket Tournament	Challakere	30000.00
VI	Cultural & Social Activity		
1	Towards donation of Food kits on Corona virus pandemic		891165.00
2	Donation of Panapathi Stachu KSPCB	Chitradurga	5100.00
3	Donation of Pooja items to Bavaji Ashrama	Kurudihalli	15008.00
4	Providing T - Shirts to Karnataka Yuva Sene		5000.00
5	Providing ration to Bavaji Ashrama	Kurudihalli	5491.00
6	Providing ration for Sri Anjaneya temple	Hiriyuru	2130.00
7	Donation towards Sri Durgamma Devi Temple		100000.00
8	Towards donation on Marriage	Sanikere	3040.00
9	Donation to Karnataka Janatha Jagrathi Vedike	Challakere	3000.00
10	Providing ration on Shivarathri Utsava	Kandenahalli Gollarahatti	20889.00
11	Providing ration on Shivarathri Utsava	Heggere	3415.00
Total			5760340

- **Budget for the financial year 2021-2022 is 80,00,000 Rs and we have already spent 53,23,730 Rs till date for the current financial year.**

Annexure-12



SUMS TECHNO LABS PRIVATE LIMITED

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

[Environment (Protection) Act, 1986 vide Gazette notification S.No. 2836(E)
dt:30.08.2017, validity dt: 08.08.2022]



ISO 9001: 2015
ISO 14001:2015
ISO 45001:2018

TC-6224

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of the Customer : Prakash Sponge Iron & Power Pvt Ltd,
Sy no.42, 43, Heggere village challakere taluk,
Chitradurga Dist. Pin -577522.
2. Name of the Location : Cooler Discharge area
3. Sample Collected By : SUMS Techno Labs Private Limited, Hosapete.
4. Sampling Equipment's ID : SUMSTLPL/RDS/CEIS/45, SUMSTLPL/FPS/CEIS/46
5. Month of Collection : SEPTEMBER-2021
6. Test Report Number : STLPL/PSIP/AA/2021/09/534
7. ULR Number : TC622421000000534F
8. Discipline : Chemical
9. Group : Atmospheric Pollution
10. Report Issued Date : 01.10.2021

Weeks	Date of Sampling	Sample receipt	Analysis started	Lab Code	PM ₁₀ [µg/m ³]		PM _{2.5} [µg/m ³]		SO ₂ [µg/m ³]		NO ₂ [µg/m ³]	
					IS:5182 (P-23)		SUMSTLPL/SOP/ AA/04		IS:5182 (P-2)		IS:5182 (P-6)	
					STD	100	STD	60	STD	80	STD	80
					Result		Result		Result		Result	
I st	02.09.2021	03.09.2021	03.09.2021	445/01	83		30		9.6		10.5	
	03.09.2021	04.09.2021	04.09.2021	445/03	80		27		6.9		7.9	
II nd	09.09.2021	11.09.2021	11.09.2021	445/09	76		25		8.3		9.6	
	11.09.2021	13.09.2021	13.09.2021	445/11	82		31		5.5		6.8	
III rd	16.09.2021	17.09.2021	17.09.2021	445/13	78		27		6.7		7.9	
	17.09.2021	18.09.2021	18.09.2021	445/15	83		33		6.2		7.6	
IV th	23.09.2021	24.09.2021	24.09.2021	445/17	80		30		5.9		6.8	
	24.09.2021	25.09.2021	25.09.2021	445/19	77		26		7.4		8.5	
Avg.24 Hrs.					80		29		7.1		8.2	

BDL-Below Detectable Limit

INFERENCE As per NAAQ Standards (2009);
Report Status: Measured values for the above parameters are within the limit.

Anand
Analysed by
Anand N



Authorized Signatory
Shivashankaraiah.H.M

Page No.No.1 of 13



SUMS TECHNO LABS PRIVATE LIMITED

[Analytical & Environment Laboratory]
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dt:30.08.2017, validity dt: 08.08.2022]



ISO 9001: 2015
ISO 14001:2015
ISO 45001:2018

ANALYSIS REPORT OF AMBIENT AIR QUALITY

- Name and Address of the Customer : Prakash Sponge Iron & Power Pvt Ltd,
Sy no.42, 43, Heggere village challakere taluk,
Chitradurga Dist. Pin -577522.
- Name of the Location : R.M. Feeding Area
- Sample Collected By : SUMS Techno Labs Private Limited, Hosapete.
- Sampling Equipment's ID : SUMSTLPL/RDS/CEIS/47, SUMSTLPL/FPS/CEIS/48
- Month of Collection : SEPTEMBER-2021
- Test Report Number : STLPL/PSIP/AA/2021/09/534
- ULR Number : TC622421000000534F
- Discipline : Chemical
- Group : Atmospheric Pollution
- Report Issued Date : 01.10.2021

Weeks	Date of Sampling	Sample receipt	Analysis started	Lab Code	PM ₁₀ [µg/m ³]		PM _{2.5} [µg/m ³]		SO ₂ [µg/m ³]		NO ₂ [µg/m ³]	
					IS:5182 (P-23)		SUMSTLPL/SOP/ AA/04		IS:5182 (P-2)		IS:5182 (P-6)	
					STD	100	STD	60	STD	80	STD	80
					Result		Result		Result		Result	
I st	02.09.2021	03.09.2021	03.09.2021	445/02	80		25		9.2		10.5	
	03.09.2021	04.09.2021	04.09.2021	445/04	77		21		7.4		8.4	
II nd	09.09.2021	11.09.2021	11.09.2021	445/10	78		23		10.9		12.8	
	11.09.2021	13.09.2021	13.09.2021	445/12	81		25		6.7		7.9	
III rd	16.09.2021	17.09.2021	17.09.2021	445/14	76		22		11.9		10.4	
	17.09.2021	18.09.2021	18.09.2021	445/16	72		20		8.3		9.7	
IV th	23.09.2021	24.09.2021	24.09.2021	445/18	77		25		7.2		8.1	
	24.09.2021	25.09.2021	25.09.2021	445/20	74		23		8.5		9.4	
Avg.24 Hrs.					77		23		8.8		9.7	

BDL-Below Detectable Limit

INFERENCE As per NAAQ Standards (2009);
Report Status: Measured values for the above parameters are within the limit.

Anand
Analysed by
Anand N

Authorized Signatory
Shivashankaraiah.H.M

Page No.No.2 of 13





SUMS TECHNO LABS PRIVATE LIMITED

[Analytical & Environment Laboratory]
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[Environment (Protection) Act, 1986 vide Gazette notification S.No. 2836(E)
dt:30.08.2017, validity dt: 08.08.2022]



ISO 9001:2015
ISO 14001:2015
ISO 45001:2018

ANALYSIS REPORT FOR STACK EMISSION

1. Name & Address of the Customer : Prakash Sponge Iron & Power Pvt Ltd,
Sy no.42, 43, Heggere village challakere taluk,
Chitradurga Dist. Pin -577522.
2. Stack ID : ESP
3. Sample Collected By : SUMS Techno Labs Private Limited, Hosapete.
4. Month of Collection : SEPTEMBER-2021
5. Sampling Equipment's ID : Vayubodhan Stack Sampler VSS2
(ID No- SUMSTLPL/ST/CEIS/08)
6. Discipline : Chemical
7. Group : Atmospheric Pollution
8. Test Report Number : STLPL/PSIP/SE/2021/09/534
9. ULR : TC622421000000534F
10. Report Issued Date : 01.10.2021

RESULTS

Parameters	Protocol	Date of Monitoring	Date of Sample receipt	Date of Analysis	Lab Code	Stack Temperature (°C)	Velocity (m/s)	Result mg/Nm ³	Standard as per KSPCB
Particulate Matter	IS:11255 (Part1):1985	03.09.2021	04.09.2021	04.09.2021	445/5	65	7.92	24	50
		24.09.2021	25.09.2021	25.09.2021	445/23	68	7.86	28	
Sulphur Dioxide as (SO ₂)	IS:11255 (Part 2): 1985	03.09.2021	04.09.2021	04.09.2021	445/5	--	--	18.5	--
		24.09.2021	25.09.2021	25.09.2021	445/23	--	--	21.2	

INFERENCE

As per CPCB/KSPCB Standards (2009)
Report Status: - Measured Values for the above parameters are within the limit.

Anand
Analysed by
Anand N



Shivashankaraiah.H.M
Authorized Signatory
Shivashankaraiah.H.M
Page No. 04 of 13



SUMS TECHNO LABS PRIVATE LIMITED

[Analytical & Environment Laboratory]
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dt:30.08.2017, validity dt: 08.08.2022]



ISO 9001:2015
ISO 14001:2015
ISO 45001:2018

TC-6224

ANALYSIS REPORT FOR STACK EMISSION

1. Name & Address of the Customer : Prakash Sponge Iron & Power Pvt Ltd,
Sy no.42, 43, Heggere village challakere taluk, Chitradurga
Dist. Pin -577522.
2. Stack ID : Reheating Furnace Light Structural Mill 1 up 100 mm
3. Sample Collected By : SUMS Techno Labs Private Limited, Hosapete.
4. Month of Collection : SEPTEMBER-2021
5. Sampling Equipment's ID : Vayubodhan Stack Sampler VSS2
(ID No- SUMSTLPL/ST/CEIS/08)
6. Discipline : Chemical
7. Group : Atmospheric Pollution
8. Test Report Number : STLPL/PSIP/SE/2021/09/534
9. ULR : TC622421000000534F
10. Report Issued Date : 01.10.2021

RESULTS

Parameters	Protocol	Date of Monitoring	Date of Sample receipt	Date of Analysis	Lab Code	Stack Temperature (°C)	Velocity (m/s)	Result mg/Nm ₃	Standard as per KSPCB
Particulate Matter	IS:11255 (Part1):1985	03.09.2021	04.09.2021	04.09.2021	445/6	65	7.29	22	50
		24.09.2021	25.09.2021	25.09.2021	445/24	60	6.51	26	
Sulphur Dioxide as (SO ₂)	IS:11255 (Part 2): 1985	03.09.2021	04.09.2021	04.09.2021	445/6	--	--	18.2	--
		24.09.2021	25.09.2021	25.09.2021	445/24	--	--	19.7	

INFERENCE

As per CPCB/KSPCB Standards (2009)
Report Status: - Measured Values for the above parameters are within the limit.

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dt:30.08.2017, validity dt: 08.08.2022]



ISO 9001: 2015
ISO 14001:2015
ISO 45001:2018

ANALYSIS REPORT FOR STACK EMISSION

1. Name & Address of the Customer : Prakash Sponge Iron & Power Pvt Ltd,
Sy no.42, 43, Heggere village challakere taluk,
Chitradurga Dist. Pin -577522.
2. Stack ID : Induction Furnace 2x12 CP
3. Sample Collected By : SUMS Techno Labs Private Limited, Hosapete.
4. Month of Collection : SEPTEMBER-2021
5. Sampling Equipment's ID : Vayubodhan Stack Sampler VSS2
(ID No- SUMSTLPL/ST/CEIS/08)
6. Discipline : Chemical
7. Group : Atmospheric Pollution
8. Test Report Number : STLPL/PSIP/SE/2021/09/534
9. ULR : TC622421000000534F
10. Report Issued Date : 01.10.2021

RESULTS

Parameters	Protocol	Date of Monitoring	Date of Sample receipt	Date of Analysis	Lab Code	Stack Temperature (°C)	Velocity (m/s)	Result mg/Nm ₃	Standard as per KSPCB
Particulate Matter	IS:11255 (Part1):1985	03.09.2021	04.09.2021	04.09.2021	445/7	57	6.41	22	50
		24.09.2021	25.09.2021	25.09.2021	445/25	52	7.58	25	
Sulphur Dioxide as (SO ₂)	IS:11255 (Part 2): 1985	03.09.2021	04.09.2021	04.09.2021	445/7	--	--	17.5	--
		24.09.2021	25.09.2021	25.09.2021	445/25	--	--	18.2	

INFERENCE As per CPCB/KSPCB Standards (2009)
Report Status: - Measured Values for the above parameters are within the limit.

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dt:30.08.2017, validity dt: 08.08.2022]



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ISO 14001:2015
ISO 45001:2018

TC-6224

ANALYSIS REPORT FOR STACK EMISSION

1. Name & Address of the Customer : Prakash Sponge Iron & Power Pvt Ltd,
Sy no.42, 43, Heggere village challakere taluk, Chitradurga Dist.
Pin -577522.
2. Stack ID : Induction Furnace 1x12 CP
3. Sample Collected By : SUMS Techno Labs Private Limited, Hosapete.
4. Month of Collection : SEPTEMBER-2021
5. Sampling Equipment's ID : Vayubodhan Stack Sampler VSS2
(ID No- SUMSTLPL/ST/CEIS/08)
6. Discipline : Chemical
7. Group : Atmospheric Pollution
8. Test Report Number : STLPL/PSIP/SE/2021/09/534
9. ULR : TC622421000000534F
10. Report Issued Date : 01.10.2021

RESULTS

Parameters	Protocol	Date of Monitoring	Date of Sample receipt	Date of Analysis	Lab Code	Stack Temperature (°C)	Velocity (m/s)	Result mg/Nm ³	Standard as per KSPCB
Particulate Matter	IS:11255 (Part1):1985	03.09.2021	04.09.2021	04.09.2021	445/8	63	7.34	25	50
		24.09.2021	25.09.2021	25.09.2021	445/26	67	6.95	21	
Sulphur Dioxide as (SO ₂)	IS:11255 (Part 2): 1985	03.09.2021	04.09.2021	04.09.2021	445/8	--	--	15.2	--
		24.09.2021	25.09.2021	25.09.2021	445/26	--	--	16.5	

INFERENCE

As per CPCB/KSPCB Standards (2009)

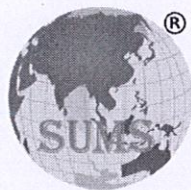
Report Status: - Measured Values for the above parameters are within the limit.

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dt:30.08.2017, validity dt: 08.08.2022]



ISO 9001:2015
ISO 14001:2015
ISO 45001:2018

ANALYSIS REPORT FOR STACK EMISSION

1. Name & Address of the Customer : Prakash Sponge Iron & Power Pvt Ltd,
Sy no.42, 43, Heggere village challakere taluk,
Chitradurga Dist. Pin -577522.
2. Stack ID : Reheating Furnace Light Structural Mill 2 up 300 mm
Bar and Road Mill
3. Sample Collected By : SUMS Techno Labs Private Limited, Hosapete.
4. Month of Collection : SEPTEMBER-2021
5. Sampling Equipment's ID : Vayubodhan Stack Sampler VSS2
(ID No- SUMSTLPL/ST/CEIS/08)
6. Discipline : Chemical
7. Group : Atmospheric Pollution
8. Test Report Number : STLPL/PSIP/SE/2021/09/534
9. ULR : TC622421000000534F
10. Report Issued Date : 01.10.2021

RESULTS

Parameters	Protocol	Date of Monitoring	Date of Sample receipt	Date of Analysis	Lab Code	Stack Temperature (°C)	Velocity (m/s)	Result mg/Nm ³	STD as per KSPCB
Particulate Matter	IS:11255 (Part1):1985	03.09.2021	04.09.2021	04.09.2021	445/8a	66	6.59	23	50
		24.09.2021	25.09.2021	25.09.2021	445/26a	69	7.12	20	
Sulphur Dioxide as (SO ₂)	IS:11255 (Part 2): 1985	03.09.2021	04.09.2021	04.09.2021	445/8b	--	--	17.5	--
		24.09.2021	25.09.2021	25.09.2021	445/26b	--	--	18.9	

INFERENCE	As per CPCB/KSPCB Standards (2009) Report Status: - Measured Values for the above parameters are within the limit.
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ANALYSIS REPORT FOR STACK EMISSION

1. Name & Address of the Customer : Prakash Sponge Iron & Power Pvt Ltd,
Sy no.42, 43, Heggere village challakere taluk,
Chitradurga Dist. Pin -577522.
2. Stack ID : 630 KVA DG Set
3. Sample Collected By : SUMS Techno Labs Private Limited, Hosapete.
4. Month of Collection : SEPTEMBER-2021
5. Sampling Equipment's ID : Vayubodhan Stack Sampler VSS2
(ID No- SUMSTLPL/ST/CEIS/08)
6. Discipline : Chemical
7. Group : Atmospheric Pollution
8. Test Report Number : STLPL/PSIP/SE/2021/09/534
9. ULR : TC622421000000534F
10. Report Issued Date : 01.10.2021

RESULTS

Parameters	Protocol	Date of Monitoring	Date of Sample receipt	Date of Analysis	Lab Code	Stack Temperature (°C)	Velocity (m/s)	Result mg/Nm ³	Standard as per KSPCB
Particulate Matter	IS:11255 (Part1):1985	03.09.2021	04.09.2021	04.09.2021	445/5a	74	6.47	32	150
		24.09.2021	25.09.2021	25.09.2021	445/23a	72	6.38	30	
Sulphur Dioxide as (SO ₂)	IS:11255 (Part 2): 1985	03.09.2021	04.09.2021	04.09.2021	445/5a	--	--	16.2	100
		24.09.2021	25.09.2021	25.09.2021	445/23a	--	--	16.9	

INFERENCE

As per CPCB/KSPCB Standards (2009)
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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.



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ISO 45001:2018

ANALYSIS REPORT FOR STACK EMISSION

1. Name & Address of the Customer : Prakash Sponge Iron & Power Pvt Ltd,
Sy no.42, 43, Heggere village challakere taluk, Chitradurga
Dist. Pin -577522.
2. Stack ID : 800 KVA DG Set
3. Sample Collected By : SUMS Techno Labs Private Limited, Hosapete.
4. Month of Collection : SEPTEMBER-2021
5. Sampling Equipment's ID : Vayubodhan Stack Sampler VSS2
(ID No- SUMSTLPL/ST/CEIS/08)
6. Discipline : Chemical
7. Group : Atmospheric Pollution
8. Test Report Number : STLPL/PSIP/SE/2021/09/534
9. ULR : TC622421000000534F
10. Report Issued Date : 01.10.2021

RESULTS

Parameters	Protocol	Date of Monitoring	Date of Sample receipt	Date of Analysis	Lab Code	Stack Temperature (°C)	Velocity (m/s)	Result mg/Nm ³	Standard as per KSPCB
Particulate Matter	IS:11255 (Part1):1985	03.09.2021	04.09.2021	04.09.2021	445/6b	72	6.41	35	150
		24.09.2021	25.09.2021	25.09.2021	445/24b	76	6.07	37	
Sulphur Dioxide as (SO ₂)	IS:11255 (Part 2): 1985	03.09.2021	04.09.2021	04.09.2021	445/6b	--	--	16.1	100
		24.09.2021	25.09.2021	25.09.2021	445/24b	--	--	17.5	

INFERENCE

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ANALYSIS REPORT FOR STACK EMISSION

1. Name & Address of the Customer : Prakash Sponge Iron & Power Pvt Ltd,
Sy no.42, 43, Heggere village challakere taluk,
Chitradurga Dist. Pin -577522.
2. Stack ID : 125 KVA DG Set
3. Sample Collected By : SUMS Techno Labs Private Limited, Hosapete.
4. Month of Collection : SEPTEMBER-2021
5. Sampling Equipment's ID : Vayubodhan Stack Sampler VSS2
(ID No- SUMSTLPL/ST/CEIS/08)
6. Discipline : Chemical
7. Group : Atmospheric Pollution
8. Test Report Number : STLPL/PSIP/SE/2021/09/534
9. ULR : TC622421000000534F
10. Report Issued Date : 01.10.2021

RESULTS

Parameters	Protocol	Date of Monitoring	Date of Sample receipt	Date of Analysis	Lab Code	Stack Temperature (°C)	Velocity (m/s)	Result mg/Nm ₃	Standard as per KSPCB
Particulate Matter	IS:11255 (Part1):1985	03.09.2021	04.09.2021	04.09.2021	445/7c	57	6.08	22	150
		24.09.2021	25.09.2021	25.09.2021	445/25c	54	6.12	25	
Sulphur Dioxide as (SO ₂)	IS:11255 (Part 2): 1985	03.09.2021	04.09.2021	04.09.2021	445/7c	--	--	14.9	100
		24.09.2021	25.09.2021	25.09.2021	445/25c	--	--	15.7	

INFERENCE

As per CPCB/KSPCB Standards (2009)
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ANALYSIS REPORT FOR STACK EMISSION

- Name & Address of the Customer** : Prakash Sponge Iron & Power Pvt Ltd,
Sy no.42, 43, Heggere village challakere taluk, Chitradurga Dist.
Pin -577522.
- Stack ID** : 600 KVA DG Set
- Sample Collected By** : SUMS Techno Labs Private Limited, Hosapete.
- Month of Collection** : SEPTEMBER-2021
- Sampling Equipment's ID** : Vayubodhan Stack Sampler VSS2
(ID No- SUMSTLPL/ST/CEIS/08)
- Discipline** : Chemical
- Group** : Atmospheric Pollution
- Test Report Number** : STLPL/PSIP/SE/2021/09/534
- ULR** : TC622421000000534F
- Report Issued Date** : 01.10.2021

RESULTS

Parameters	Protocol	Date of Monitoring	Date of Sample receipt	Date of Analysis	Lab Code	Stack Temperature (°C)	Velocity (m/s)	Result mg/Nm ³	Standard as per KSPCB
Particulate Matter	IS:11255 (Part1):1985	03.09.2021	04.09.2021	04.09.2021	445/8d	72	6.47	36	150
		24.09.2021	25.09.2021	25.09.2021	445/26d	76	6.18	32	
Sulphur Dioxide as (SO ₂)	IS:11255 (Part 2): 1985	03.09.2021	04.09.2021	04.09.2021	445/8d	--	--	15.1	100
		24.09.2021	25.09.2021	25.09.2021	445/26d	--	--	15.5	

INFERENCE

As per CPCB/KSPCB Standards (2009)
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Annexure-13



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ISO 45001:2018

TC-6224

AMBIENT NOISE LEVEL MONITORING REPORT

1. Name and Address of the Customer : 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 : SEPTEMBER-2021
4. Sample Equipment's ID : Envirotech SLM 109
5. Method Adopted : IS : 9989:1981 (Reaffirmed 2008)
6. Discipline : Chemical
7. Product group : Atmospheric pollution
8. Test Report Number : STLPL/PSIP /AN/2021/09/534
9. ULR Number : TC622421000000534F
- 10 Report Issued Date : 01.10.2021

Day time Ambient Noise Level

Sl. No	Sample Location	Lab Code	Date of Sampling	Sample Receipt	Time Frequency	Parameters in dB(A)			KSPCB/CPCB STD
						Min.	Max.	L _{EQ}	
1	Cooler Discharge area	445/21	24.09.2021	25.09.2021	10:15 AM to 10:30 AM	64.7	77.4	70.8	75dB
2	R.M. Feeding Area	445/22	24.09.2021	25.09.2021	11:15 AM to 11:30 AM	65.3	78	71.4	75dB

Night time Ambient Noise Level

Sl. No	Sample Location	Lab Code	Date of Sampling	Sample Receipt	Time Frequency	Parameters in dB(A)			KSPCB/CPCB STD
						Min.	Max.	L _{EQ}	
1	Cooler Discharge area	445/21	24.09.2021	25.09.2021	10:30 PM to 10:45 PM	65.9	73.9	69.8	70dB
2	R.M. Feeding Area	445/22	24.09.2021	25.09.2021	11:10 PM to 11:25 PM	62.5	71.2	66.7	70dB



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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

Environmental Pollution Control Equipments						
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	WasteWater Pollution	Labours Colony	STP	50KLD Capacity	36	MBBR Technology Used
Total Cost					729.7	