



Prakash Sponge Iron & Power Pvt. Ltd.

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No. PSIP/KSPCB/2022-23/67

CIN No.: U27101KA2007PTC043812
24-08-2022

09-09-2022

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 2021-22.
Ref: Consent for Establishment No: 69/PCB/MIN/CFE/2011-12/908, dated 19-02-2012.

Dear Sir,

With reference to the subject cited above, we are herewith enclosing the Annual Environmental statement in form-V for the financial year **2021-22** 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.



ENVIRONMENTAL STATEMENT (FORM - V)

2021-2022

Submitted by

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

Heggere Village, Challekere Taluk

Chitradurga District



ENVIRONMENTAL STATEMENT (FORM - V)	
ENVIRONMENTAL PROTECTION RULES 1986	
Environmental Statement for the Financial Year Ending 31 st March 2022	
Part-A	
i) Name & Address of the Owner/ Occupier of the industry operation or process	R. Praveen Chandra Managing Director M/s. Prakash Sponge Iron and Power Private Limited (A Division of ERM Group) Sy No. 42,43, & others Heggere & Kaparahalli Villages, Challakere Taluk, Chitradurga Dist, Karnataka, India. Pin:577522.
ii) Industry category: Primary (STC Code), Secondary (STC Code)	Red, Large
iii) Capacity (units/year)	Sponge iron - 3*100 TPD Bar and Rod Mill - 1,00,000 TPA Light structure mill- 1,00,000 TPA Induction Furnace - 3*12 T
iv) Production (units/year)	Sponge Iron - 88,177.59 MTPA TMT Bars - 95,767.975 MTPA Light structures- 23,253.669 MTPA M S Billets - 1,28,055.106 MTPA
v) Year of Establishment	2010
vi) Date of last Environmental Statement submitted	14-08-2021



Part-B			
Water and Raw Material Consumption			
i. Water consumption in m ³ /day		520	
Process:		Nil	
Cooling:		470 KL	
Domestic Purpose:		50 KL	
Name of Products	Process water consumption per unit of product output (m ³ /T)		
	During the financial year 2020-2021 (m ³ /T)	During the financial year 2021-2022 (m ³ /T)	
1. Sponge iron	0.35	0.35	
2. Bars & Rod Mill	0.75	0.75	
3. Light Structure Mill	0.75	0.75	
4. Induction Furnace	0.5	0.5	
5. Captive Power Plant		0.7/MW	
ii. Raw material consumption:			
Name of Raw Material	Name of Product	Raw material consumption per unit of product output in Tons	
		During the financial year 2020-2021	During the financial year 2021-2022
Iron Ore	Sponge Iron	1.856	1.67
Coal		1.092	1.04
Dolomite		0.089	0.102
Sponge Iron	M S Billet	0.636	0.65
M S Scrap		0.5	0.54
Ferro Alloy		0.034	0.014
Pig Iron		0.029	0.006
M S Billet	T M T Bars, Rods & Structures	1.05	1.05
*Industry may use codes disclosing details of Raw materials would violate contractual obligations, otherwise all industries have to name the raw material used.			

Part-C			
Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)			
Pollutants	Quantity of pollutants discharged (mass/day)	Concentration of Pollutants Discharged (mass/volume)	Percentage of variation from prescribed standards with reasons
WATER	STP of 50 KLD is in operation.		Well within limits
AIR	All the emissions are monitored monthly and the monitoring report is being submitted monthly to KSPCB, Chitradurga.		Well within limits

Part-D		
HAZARDOUS WASTE (As specified under Hazardous Wastes (Management & Handling) Rules 1989)		
Hazardous Wastes	Total Quantity	
	During the financial year 2020-2021	During the financial year 2021-2022
(a) Used Oil	0.064 KL	0.291KL
(b) Oil Socked Cotton Waste	0.25 MT	0.249MT

Part-E		
SOLID WASTE		
Solid Wastes	Total Quantity (Kg)	
	During the financial year 2020-2021	During the financial year 2021-2022
a. From Process	32,423 MT	34,865.773MT
b. From pollution control facility	17,789 MT	32,992.95 MT
c. Quantity recycled or reutilized within the unit	18,172 MT	8092.95 MT



Part-F

Please specify the characterizations (in terms of concentration and quantum) of hazardous as well as solid waste and indicate disposal practice adopted for both these categories of wastes.

1	Solid Waste	Used in house for brick manufacturing process
2	Hazardous Waste	Small quantity is been used in house and rest sent to Authorized Hazardous waste handler

Part-G

Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production.

Dust from Bag Filters, fly ash and slag is being used in in-house brick manufacturing plant to produce bricks, thus avoiding the disposal of solid waste.

Setup of sewage treatment plant, recycling of cooling water and using air cooled condenser to reduce fresh water consumption.

Installing of de-dusting fan to utilize the dust coming from cooler discharge to produce electricity. Thus, reducing the actual fuel consumption for generation of electricity.

Part-H

Additional measures/ investment proposal for environmental protection including abatement of pollution.

Sl. No.	Additional Measures taken for abatement of pollution	Location
1	Partially completed metalling of road inside the plant premises to avoid dust nuisance.	Inside plant premises
2	Installed Wet scrubber to reduce emission of particulate matter	Rolling mill (22,00nm ³ /hr) and section mill (7,000nm ³ /hr)
3	Installed dedusting fan to reduce the emission of dust from cooler discharge points and reuse it in power generation. Thereby reducing solid waste generated through bag filters	Kiln cooler discharge points (Capacity: 34,300nm ³ /hr)

Part-I

Miscellaneous

Any other particulars for improving the quality of the environment

Taking up planting of average 2000 plantations every year in the factory premises to develop green belt and overall vegetation in the premises.