JANKI CORP LIMITED

Ref No.: JCL/ENV. AUDIT/KSPCB/6664, dated 27 June 2022

The Member Secretary
Karnataka State Pollution Control Board
49 Parisara Bhavan,
4th & 5th Floor, Church Street,
Bengaluru - 560 001

Through

The Environmental Officer
Karnataka State Pollution Control Board,
Dr. Vishnuvardhan Park, Kuvempu Nagar,
Ballari -583 104

Sub: Submission of Environmental Audit Statement for the year 2021–22

Respected Sir,

We are submitting herewith the Environmental Audit Statement of our Industry in the prescribed Form-V, for the Financial Year ending 31st March 2022 for your kind information.

Kindly acknowledge receipt of the same.

Thanking you sir,

Yours sincerely,
For Janki Corp Limited

Narahari Gunapati
General Manager

JANKI CORP LTD. SIDIGINAMOLA BALLARI (T) (D)

27/06/2022

Encl.: Environmental Audit Statement Form V

Copy: 1) Environmental Officer, KSPCB, Ballari → EK621061559IN
2) MOEF&CC, Regional Office, Bangalore → EK363305885IN

ANNEXURE

ENVIRONMENTAL STATEMENT FORM-V
(See rule 14)

Environmental Statement for the financial year ending with 31st March

PART-A

i.	*Name and address of the owner/occupier of the industry*	Mr. Rahul Mittal Sy. No. 97, 225 Sidiginamola Village Bellary Taluk and District Karnataka- 583111.
ii.	*Industry category* *Primary-(STC Code)* *Secondary- (STC Code)* *operation or process.*	Large Red
iii.	*Production category – Units.*	Sponge Iron Plant - 1,80,000 TPA Captive power plant - 15 MW Iron ore Beneficiation plant - 6,00,000 TPA Pellet plant - 6,00,000 TPA
iv.	*Year of establishment*	2004
v.	*Date of the last environmental statement submitted.*	10/08/2021

PART –B

Water and Raw Material Consumption:

i. Water consumption in m^3/d

Process : 1620

Cooling : 930

Domestic : 60

JANKI CORP LTD * SIDIGINAMOLA * BALLARI (T) (D)

Name of Products	Process water consumption per unit of products - KLD	
	During the previous financial year (2020-21)	During the current financial Year (2021-22)
1. Pellet	Total of 3000 KLD	160 KLD
2. Sponge Iron		172 KLD
3. Power		688 KLD
4. Beneficiated Iron Ore		600 KLD

ii. Raw material consumption

Name of raw materials*	Name of Products	Consumption of raw material per unit of output	
		During the previous financial year (2020-21)	During the current financial year (2021-22)
Iron Ore fines	Beneficiated Fines	2.10	1.82
Iron Ore fines & beneficiated fines	Pellet	1.21	1.14
Bentonite		0.01	0.01
Coal		0.11	0.08
Iron Ore	Sponge Iron	1.76	0.03
Iron Ore Pellet		1.43	1.81
Coal		0.87	1.10
Limestone		0.04	0.03
Waste Gas From Sponge Iron Dolochar	Captive Power	Waste gas from Sponge Iron units and two other raw materials i.e. , coal and Dolochar are used. Hence it is not practicable to arrive at consumption of raw material per unit of output.	Waste gas from Sponge Iron units and Sponge Iron Plant Byproduct Dolochar are used as raw materials. Hence it is not practicable to arrive at consumption of raw material per unit of output.

** Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.*

JANKI CORP LTD SIDIGINAMOLA BALLARI (T) (D)

PART-C

Pollution discharged to environment/unit of output
(Parameter as specified in the consent issued)

Pollutants	Quantity of Pollutants discharged (mass/day)	Concentration ofPollutants discharged (mass/volume)	Percentage of variation from prescribed standards withreasons.
(a) Water	Zero Effluent Discharge Unit		
(b) Air			
Particulate Matter			
1) Rotary Kiln Stacks		30.6mg/Nm^3	Standard 100 mg/Nm^3
2) Power Plant Stack		38.2mg/Nm^3	Standard 150 mg/Nm^3
3) Pellet Plant Stack		35.7mg/Nm^3	Standard 50 mg/Nm^3
Suspended Particulate Matter			
Fugitive Emission			
1. Raw material handling area		1046.0µg/Nm^3	Standard 2000 mg/Nm^3
2. Crusher area		1310.5µg/Nm^3	Standard 2000 mg/Nm^3
3. Cooler discharge area		1115.0µg/Nm^3	Standard 2000 mg/Nm^3
4. Product processing area		1251.7µg/Nm^3	Standard 2000 mg/Nm^3
			Pollutants discharged are within the Norms specified by the CPCB

PART-D

HAZARDOUS WASTES

(as specified under Hazardous Wastes (Management & Handling Rules, 1989).

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year (2020-21)	During the current financial year (2021-22)
1. From Process a) Used Spent Oil (Machineries) b) Wastes Residues Containing Oil		1,600 Lts 16,000 Kg
2. From Pollution Control Facilities Used Spent Oil (DG Set)	22,000 Lts	400 Lts

PART – E

SOLID WASTES:

Solid Wastes	Total Quantity (Kg)	
	During the previous financial year (2020-21)	During the current financial year (2021-22)
a. From process 1) Dolochar 2) Fly Ash	56,341.34 MT 25,199.06 MT	37699.00 MT 34,072.52 MT
b. From Pollution Control Facility	-	-
c. Quantity recycled or re-utilized within the unit. 1) Dolochar	51828.00 MT	37699.00 MT

JANKI CORP LTD SIDIGINAMOLA BELLARY (D)

PART – F

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

Hazardous Waste/Solid Waste	Total Quantity Generated in MT	Disposal
Used Spent Oil	2.0 MT	Disposed to KPSCB authorized Re-processor/Incinerator
Waste residue containing Oil	16.00 MT	Disposed to KPSCB authorized Re-processor/Incinerator
Dolochar	37699.00 MT	Used internally as fuel in Power Plant
Fly Ash	34,072.52 MT	Sold to local Cement Plants, Road Contractors of NHAI and Brick Manufacturers

PART-G

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

Dolochar which is generated as Byproduct by Sponge Iron units is utilised in AFBC boilers for power generation instead of Coal & Waste gases generated are used for power generation in WHRB.

Total process water is used from Sewage treatment plant of Bellary city Corporation , hence surface water consumption for process utilization is Nil. Effluents are treated in 120 KLD ETP and used for Gardening, Dust suppression and Our Industry is Zero discharge Industry. Rain Harvesting is caried out in our Industry which helps in water conservation. An open Rain Water Harvesting Pond is made and the water from the nearby catchment areas during rainy season is stored in it. The stored water is used for green belt development.

PART – H

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

Environment protection and pollution control are the priority for our Industry. Any suggestions for improvements made by the pollution control board will be implemented. Constant efforts are being made in making use of the updated technologies for protecting Environment.

PART –I

MISCELLANEOUS:

Any other particulars in respect of environmental protection and abatement of pollution.

Our industry has taken up extensive Green belt development in the entire plant and we have planted more than 6950 saplings in the financial year 2021-22. Total area of 39 % Green belt is covered out of Total project area.

For Janki Corp Limited,

(G. Narahari Reddy)
General Manager.