

JAYASWAL NECO INDUSTRIES LTD

CIN : L28920MH1972PLC016154

(STEEL PLANT DIVISION)

SILTARA GROWTH CENTRE, BILASPUR ROAD, SILTARA, RAIPUR - 493111 (C.G.) - INDIA

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JNIL/ENV/CD/2022/153

Date : 20/09/2022

o/c

The Member Secretary,
Chhattisgarh Environment Conservation Board,
Paryavas Bhavan, North Block Sector-19,
Naya Raipur(C.G.) 490099.

Sub : Submission of Environmental Statement in Form-V for the period from 1st April, 2021 to 31st March, 2022 for Chhote Dongar Iron Ore Mine(35.74 out of 192.25 Ha.), located at village-Chhotedongar, Tehsil & Distt-Narayanpur(C.G.).

Sir,

Please find enclosed herewith Environmental Statement in Form-V for the Financial Year 2021-22 for Chhote Dongar Iron Ore Mine(35.74 out of 192.25 Ha.), located at village-Chhotedongar, Tehsil & Distt-Narayanpur(C.G.) as per Rule 14 of the Environment (Protection) Rules, 1986.

This is for your information & record please.

Thanking you,

Yours faithfully,

For Jayaswal Neco Industries Ltd.

Susanta Kumar Moitra
Associate Director

Encl : Environment Statement (Form-V) Period from 1st April-2021 to 31st March-2022.

CC to : The Regional Officer, (for favour information please)
Chhattisgarh Environment Conservation Board,
5 & 6 Housing Board Colony, Aghanpur, Chitrakot Road,
Jagdalpur(C.G.)



**ENVIRONMENT STATEMENT
(FORM V)**

for

**CHHOTEDONGAR IRON ORE MINE,
(35.74 Hect. Out of 192.25 Hects.)
VILLAGE-CHHOTEDONGER
TEHSIL & DISTRICT- NARAYANPUR
CHHATTISGARH**

(YEAR 2021 - 2022)



BY

**M/s JAYASWAL NECO INDUSTRIES LIMITED
SILTARA, RAIPUR
(CHHATTISGARH)**

FORM V
(See Rule 14)
Environmental Statement for the financial year ending on 31st March, 2022

PART - A

(i)	Name and address of the owner/occupier of the industry operation or process.	Shri. MeghPal Singh, Executive Director & COO, Siltara Growth Center, Siltara, Raipur (C.G.)
(ii)	Industry category Primary-(STC Code) : Secondary-(STC Code).	Iron Ore mine
(iii)	Production capacity – Units	Iron Ore – 0.05 MTPA to 2.95 MTPA 2020-21 2021-2022 0.0 Metric Tons 86,428.00 Metric Tons
(iv)	Year of establishment	: 2016
(v)	Date of the last environmental Statement submitted	: 20/09/2021

PART - B

Water and Raw Material Consumption

(1) Water consumption M3/d

(i)	Process	: NIL
(ii)	Cooling	: NIL
(iii)	Domestic	: 4.34 m3 /day
(iv)	Others (Spraying & Plantation)	: 18.68 m3/day

S.No.	Name of Product	Process water consumption per unit of product output	
		During the Previous Financial Year 2020 – 21	During the current financial year 2021 – 2022
1	Iron Ore	Nil	Nil

(2) Raw material consumption

S.No.	Name of raw materials	Name of Products	Consumption of raw material per unit	
			During the Previous Financial Year 2020-21	During the current financial year 2021-22
1	-	Iron Ore	Nil	Nil

PART - C

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

S.No.	Pollution	Quantity of Pollutants Discharged(mass / day)	Concentration of Pollutants in discharges (mass / volume)	Percentage of variation from prescribed standards with reasons
(a)	Water	No effluent is generated from the process as the no water is required for the process.	Nil	Nil
(b)	Air	<p>Fugitive emission monitoring and Ambient air quality monitoring is being done at regular interval and found well within the limit.</p> <p>Continuous water sprinkling is being done through tankers on haul roads to control the dust generation due to vehicle movement.</p> <p>Thick and dense vegetation is available in all surrounding area which significantly reduce the pollution load.</p>		

A) Ambient Air Quality - Yearly Average

Location 1 :- Near Mining Lease Boundary Pillar- R1

S.No	Pollutant	Concentration of Pollutants in discharges (mass/volume)			% variation from standard*
		MIN.	MAX.	AVG.	
1	PM10	20.83	43.17	34.25	None
2	PM2.5	19.33	24.42	21.92	None
3	SO2	7.27	12.44	9.40	None
4	Nox	7.22	12.28	9.54	None

Location 2 :- Near Mining Lease Boundary Pillar- A

S.No	Pollutant	Concentration of Pollutants in discharges (mass/volume)			% variation from standard*
		MIN.	MAX.	AVG.	
1	PM10	20.83	44.17	33.58	None
2	PM2.5	19.33	24.00	21.67	None
3	SO2	7.09	12.48	9.69	None
4	Nox	7.18	12.33	10.27	None

Location 3 :- Near Mining Lease Boundary Pillar-S

S.No	Pollutant	Concentration of Pollutants in discharges (mass/volume)			% variation from standard*
		MIN.	MAX.	AVG.	
1	PM10	21.33	43.58	35.83	None
2	PM2.5	18.58	24.42	21.25	None
3	SO2	7.25	12.32	9.76	None
4	Nox	7.28	12.39	10.13	None

Location 4 :- Near Mining Lease Boundary Pillar- B

S.No	Pollutant	Concentration of Pollutants in discharges (mass/volume)			% variation from standard*
		MIN.	MAX.	AVG.	
1	PM10	21.42	43.17	37.50	None
2	PM2.5	19.67	24.25	22.25	None
3	SO2	7.28	12.46	10.09	None
4	Nox	7.32	12.23	10.08	None

PART – D

Hazardous Wastes

(as specified under Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016)

S.No.	Hazardous Wastes	Total Quantity (Kg)	
		During the Previous Financial Year 2020-2021	During the Current Financial Year 2021-2022
a.	From Process Used Oil/Spent Oil	Nil	Nil
b.	From Pollution Control facilities	Nil	Nil

PART – E

Solid Wastes

S.No.	Solid Waste	Total Quantity	
		During the Previous Financial Year 2020-2021	During the Current Financial Year 2021-2022
(a)	From Process • Over burden	Nil	14,936 Tonnes
(b)	From Pollution Control facility.	Nil	Nil
(c)(1)	Quantity recycled or re-utilizes within the unit	Nil	Nil
(2)	Sold	Nil	Nil
(3)	Disposed	Nil	Nil

PART – F

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.	<ul style="list-style-type: none"> • Nil, Since there is no Hazardous waste generated. • Solid wastes in the form of overburden is stocked at designated place.
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PART – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.	Garland drain with settling pond around lease hold area and retaining wall around dump have been done in order to arrest mine water and rain water.
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PART – H

Additional measures/ investment proposal for environmental protection abatement of pollution, prevention of pollution.		
1	Development of nursery and its maintenance. Cleaning of garland drain and check dam & Plantation.	Rs.8,56,472.00
2.	Water sprinkling on approach road/haul road to control/minimize the fugitive emission.	Rs.9,49,062.00
3.	Environment monitoring (Air Quality, Water Quality, Noise Level etc.) by NABL Accredited Lab.	Rs.2,48,921.00
	Total	Rs.20,54,455.00

PART – I

Any other particulars for improving the quality of the environment.

Following activities have been carried out in the year 2021-2022 for environment protection and social development:-

Sr. No.	Description	Expenses (in Rs.)
1	Health Care, Sanitation and providing Drinking Water	43,00190.45
2	Promotion of Education and Training	1,50,444.80
3	Sports Activities	30,000.00
4	Promotion, Development of Traditional Art, Culture & Community Welfare.	17,19,773.06
5	Rural & Infrastructure Development Projects.	50,63,108.57
	Total (in Rs.)	1,12,63,516.88