

Dt. 28.09.2026

To,
The Member Secretary,
State Pollution Control Board, Odisha.
Paribesh Bhawan, A/118, Nilakantha Nagar, Unit – VII.
Bhubaneswar-751012, Odisha.
E-Mail: paribesh1@ospcboard.org / ocmms@ospcboard.org

Sub: Submission of Annual Environmental Statement in Form-V for the year 2025-26 in respect of our mini steel plant at Haldiaguna, Keonjhar, Odisha.

Dear Sir,

In reference to the above cited subject matter, we are submitting herewith the Annual Environmental Statement in Form-V for the year 2025-26 in respect of our mini steel unit at Haldiaguna, Keonjhar, Odisha as required under Rule 14 of Environmental Protection Rule, 1986.

Sir, due to some portal issues (<https://odocmms.nic.in/>) the Env. Statement could not be uploaded online aborting the window to an "Error / Server issue". The same will be uploaded soon after rectification of the issue.

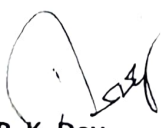
This is for your kind information and record please.

Thanking You.

Yours faithfully,

For MSP Sponge Iron Ltd.,

29 SEP 2026


P. K. Dey
Director

Encl.: As stated above

CC to: The Regional Officer, MoEF & Climate Change, Chandrasekharapur, Bhubaneswar,
..... for kind information please.

29 SEP 2026


Khembar

FORM-V
ENVIRONMENTAL STATEMENT
(See rule 14)

Environmental Statement for the financial year ending with 31st March' 2026
PART-A

i. Name and address of the owner/
DIRECTOR
Occupier of the industry Operation or process

MR. PRADIP KUMAR DEY,
AT-HALDIAGUNA, PO-GOBARDHAN
DIST-KEONJHAR, ODISHA-758013.

ii. Industry category Primary - (STC Code) Secondary- (STC Code): **SECONDARY**

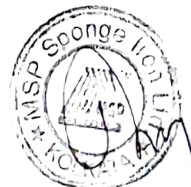
iii. Production category - Units.
TPA

<u>Plant Facility</u>	<u>Capacity (in</u>
SPONGE IRON –	67,500 TPA
SMS -	63,000 TPA
ROLLING MILL-	52,000 TPA
PELLET –	8,50,000 TPA
BENEFICIATION-	10,00,000 TPA
PRODUCER GAS-	17,100 NM ³ /Hr.

iv. Year of establishment:

Sl. No.	Production Facility	Date of Commercial Production
1.	Sponge Iron	Kiln I
		Kiln II
		Kiln III
		Kiln IV
2	MS Ingot	
3.	MS TMT Bar /Round	
4.	Beneficiation Plant	
5.	Iron Ore Pellet	
6.	Producer Gas Plant	

v. Date of the last environmental statement submitted: **Vide our letter Dt. 12.09.2025.**



PART - B

Water and Raw Material Consumption:

i. Water consumption in m³/ d

Process: NIL
Cooling: 420 M³/ day
Domestic: 10 M³/ day

Name of Products	Process water consumption per unit of products	
	During the previous financial year	During the Current financial year
1. SPONGE IRON	NA	NA
2. MS- INGOT	NA	NA
3. MS- ROUND	NA	NA
4. IRON ORE PELLET	NA	NA
5. IRON ORE BENEFICIATION	NA	NA
6. PRODUCER GAS	NA	NA

ii. Raw material consumption

Consumption of raw material	Name of the product	Consumption of raw material per unit of output	
		During the current financial year (2024-25) in MT	During the current financial year (2025-26) in MT
IRON ORE (SIZED 5-18)	SPONGE IRON	82146.480 MT	97177.820 MT
IRON ORE(CLO 10-40)		NIL	-
SCREENED ORE (SIZED 5-10)		-	-
IRON ORE PELLET (2.5MM - 5MM & CROSSED PELLET)		NIL	-
IRON ORE CONCENTRATE		NIL	-
COAL(LUMPY)		56290.980 MT	62370.170 MT
DOLOMITE		5135.270 MT	6459.910 MT
SPONGE IRON	SMS DIVISION	46965.668 MT	46838.186 MT
FERROUS SCRAP		5463.76 MT	5657.276 MT
FERRO MANGANESE & FERRO SILICON		-	-
PIG IRON		8579.00 MT	8682.500 MT
IRON ORE PELLET		NIL	-
ALUMINIUM SLOT		NIL	-
MS-INGOT / BILLET	RMD	52027.652 MT	54770.129 MT



COAL	PRODUCER GAS	22248.680 MT	22410.680 MT
PET COKE		26654.710 MT	28670.730 MT
PROCESS GRINDING CAKE	PELLET PLANT	826021.680 MT	992143.130 MT
LIME STONE		6467.480 MT	9409.460 MT
IRON ORE CONCENTRATE		456 MT	-
BENTONITE		4593.990 MT	6585.290 MT
DOLOMITE		Nil	-

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

PART-C

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

Pollutants	Quantity of Pollutants discharged (Kg/day)		Concentration of Pollutants discharged (mass/volume)	Pollutants Percentage of variation from prescribed standards with Reasons
(a) Water	Nil		Nil	Nil
(b) Air	ESP connected to DRI Kiln -I&II	0.176	17.68 mg/NM ³	Within the norm of the SPCB.
	ESP connected to DRI Kiln -III&IV	0.197	19.78 mg/NM ³	
	ESP connected to Pellet Plant	0.167	16.72 mg/NM ³	

PART-D

HAZARDOUS WASTES

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

Hazardous Waste		Total Quantity (Kg)	
		During the previous financial year (2024-25)	During the Current financial year (2025-26)
a. From Process	Used Oil	239 Ltrs	436 Ltrs
	Tarry Waste	1239.666 MT	991.24 MT
	Empty Barrel	94	254
b. From Pollution Control Facilities		Nil	Nil

PART. E

SOLID WASTES:



Solid Wastes		Total Quantity (Kg)	
		During the previous financial year (2024-25)	During the Current financial year (2025-26)
a. From process	Coal Char	16141.020 MT	17951.74 MT
	Ferrous Waste/ Slag.	10344.345 MT	9052.7 MT
	Granulated Ash	NIL	NIL
b. From Pollution Control Facility		12835.980 MT	20097.86 MT
c. (i) Quantity recycled or re-utilized within the unit.		Metals recovered: 2189.56 MT	Metal Recovered from slag: 1248.81
(ii) Sold		Coal Char Sold- 1589.200MT	ESP Dust transferred to Benf.: 7467.360 MT
(iii) Disposed		ESP & Bag filter dust disposal: 13445.94MT	Coal Char Sold- 17998.69 MT
			ESP Dust disposal: 3627.450 MT

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.

1. Used Oil: The generated used oil is stored in barrel at impervious floor under shed & used in lubricating the rotary equipment.
2. Tarry Waste: The tarry waste generated from PGP is stored in impervious floor under shed and is disposed to authorized recycler.
3. Coal Char: The coal char generated through process is being dumped at the demarcated solid waste stock yard inside the factory premises and supplied to NH for filling the over bridge embankments.
4. Slag : Used in low land filling and in bricks making in place of sand after recovery of metal value .

PART - G

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

1. Reuse of STP water in DRI plants for cooling & plantation purposes, which enables to reduce pressure on consumption of fresh water.
2. Conservation of storm/runoff water through 5 number of rain water harvesting pond which is reused in plant.
3. Iron ore mines wastes (Fines) is pelletized through wet grinding process.
4. Hot air existing the annular cooler at pellet plant is reused to heat the rotary kiln and travelling gate kiln in a pellet plant. This recycled heat directly reduces fuel consumption. As a result, this heat recycling process saves money on fuel costs and helps the environment by lowering carbon emissions.
5. LD slag after extracting remaining metal, are put to good use. The extracting metals are reused and leftover slag are used in the construction for making bricks and roads.
6. Zero effluent discharge (ZLD) has been achieved.



PART - H

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

1. Fixed sprinklers have been installed on both side of road to minimize the dust emission.
2. 3 nos. of water tanker engaged for dust control.
3. Mechanized road sweeping machine engaged for internal road cleaning
4. Installation of Mechanized wheel washing system for cleaning the wheels of outward vehicles for conservation of minerals.
5. The clarifloculator has been installed and functional for treating surface runoff water.

PART - I

Any other particulars for improving the quality of the environment.

1. Distribution of seed balls to all employees followed by dropping on Santhebhanj hill (located adjacent to the plant) before onset of monsoon.
2. 105 numbers of Fruit bearing saplings planted inside plant premises.
3. A total of 8,600 numbers of saplings planted this year in place of dead plants in open spaces.
4. Avenue plantation carried out on both sides of the approach road from the NH towards the plant.
5. The PGP cooling water is collected in a closed loop by adoption of Re-circulation procedure.
6. Two STP of capacity 25 Kl/day & 15 Kl/Day is under regular operation for treatment of the domestic waste water and treated water is being reused in DRI cooling process, plantation and dust suppression.

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