



SPEED POST

ISL/RGH/ENV/2025-26/039

September' 30, 2025

The Deputy Director General of Forests [C],
Ministry of Environment, Forest & Climate Change,
Integrated Regional Office, Raipur,
Ground Floor, Aranya Bhawan,
North Block Sector-19, Atal Nagar
New Raipur (Chhattisgarh) -492002

**SUB:- ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR
2024-2025, FOR ALL UNITS (Sponge, Power & Steel).**

Dear Sir,

Enclosed, please find herewith, the above-mentioned Environmental Statement, for the Financial Year 2024-2025, for your kind information and records please.

We trust that this is in line with your requirement.

Thanking you.

Yours faithfully,

For IND SYNERGY LIMITED

Environment Management Cell

Encl: As stated above.

Cc : (1) : **The Member Secretary**
Chhattisgarh Environment Conservation Board,
Paryawas Bhawan, North Block,
Sector 19, Naya Raipur 492002 (C.G.)

(2) : **The Regional Officers**, Regional Office
Chhattisgarh Environment Conservation Board
T.V. Tower Road Raigarh (C.G.)



भारत पोस्ट
INDIA POST

Raigarh ICH 496001
SP EC398988292IN, IVR No. 1802666868
30/09/2025 15:51:44, Counter No. 1
To: BY DIRECTOR GENERAL OF FOREST
ARNYA BHAVAN ATL WA, RAIPUR, 492002
From: IND SYNERGY LTD
KOTMAR, RAIGARH, 496001
Base Amt: 35.00
Wt: 52 (Actual)
P.Mode: Cash
POD:No, www.indiapost.gov.in

भारत पोस्ट
INDIA POST

Raigarh ICH 496001
SP EC398988173IN, IVR No. 1802666868
30/09/2025 15:52:19, Counter No. 1
To: THE MEMBER SECRETARY
C& ENVIREMENT COSER, RAIPUR, 492002
From: IND SYNERGY LTD
KOTMAR, RAIGARH, 496001
Base Amt: 35.00
Wt: 50 (Actual)
P.Mode: Cash
POD:No, www.indiapost.gov.in



ENVIRONMENTAL STATEMENT 2024-2025

OF

IND SYNERGY LIMITED



VILLAGE: KOTMAR, MAHUAPALI
DISTRICT: RAIGARH (C.G.) 496001

Environmental Statement

FORM-V
(See rule 14)

For the financial year ending with
31st March 2025

PART-A

- i. Name and address of the owner/ occupier of the industry : **M/s Ind Synergy Limited, through Mr. Netrananda Thatoi, Director**

Address:

Village: Kotmar,
Tehsil and District: Raigarh [C.G.].

Operation or Process : Operation

ii. Industry category : Medium Industry

iii. Production Category :
Sponge Iron Manufacturing : 300000 TPA
Iron Ore Crusher : 14.40 LTPA
Coal Washery : 7.20 LTPA
Steel Billets : 1.40 TPA
WHRB based Power Plant : 24 MW
AFBC based Power Plant : 10 MW
Blast Furnace : 300000 TPA
Sinter Plant : 440000 TPA

iv. Year of establishment : Re-started in FY 2018 – 19

v. Date of the last environmental statement submitted : 18/10/2024

PART – B

Water and Raw Material Consumption:

i. Water consumption in M³/ day

 2470 m³/ Day

Sr. No	Name of the Products	Process water consumption per unit of products	
		During 2023-24	During 2024 – 25
1.	Sponge Iron Manufacturing Kilns	0.300 m ³ / Tons	0.290 m ³ / Tons
2.	Iron Ore Crusher	---	---
3.	Coal Washery	---	---
4.	Steel Billets	0.570 m ³ /Tons	0.540 m ³ /Tons
5.	WHRB based Power Plant	1.50 m ³ / MW	1.55 m ³ / MW
6.	AFBC based Power Plant (10 MW)	1.50 m ³ / MW	1.55 m ³ / MW
7.	Blast Furnace	-	0. m ³ / Tons
8.	Sinter Plant	-	0. m ³ / Tons

ii. Raw material consumption

Sr. No.	Name of Products	Name of Raw Materials *	Consumption of raw material per unit of output per MT of Product	
			During 2023 – 24	During 2024 – 2025
1.	Sponge Iron	Coal	1.53 Tons/Tons	1.26 Tons/Tons
		Iron Ore + Pellets	1.31 Tons /Tons	1.45 Tons /Tons
		Dolomite	0.09 Tons /Tons	0.08 Tons /Tons
2.	Induction Furnaces	Sponge Iron	0.94 Tons/Tons	1.04 Tons/Tons
		Pig Iron	0.17 Tons/Tons	0.10 Tons/Tons
		Scrap	0.04 Tons/Tons	0.09 Tons/Tons
		Ferro Alloys	0.013 Tons/Tons	0.014 Tons/Tons
3.	Power Plant [WHRB based]	Nil	---	---
4.	Power Plant [AFBC based]	Coal & Fines	0.87 Tons/ MW	0.77 Tons/ MW
		Char	0.68 Tons/ MW	0.38 Tons/ MW
		Midding & Slurry (CW)	0.02 Tons/ MW	0.0 Tons/ MW



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		Washery Reject	0.00 Tons/ MW	0.05 Tons/ MW
5.	Blast Furnace	Iron Ore/Pellets	0.43 Tons/Tons	Shut down From 06.02.2024
		Sinter	1.24 Tons/Tons	
		Coke	0.70 Tons/Tons	
		Pellet	0.002 Tons/Tons	
6.	Sinter Plant	Iron Ore Fines	0.87 Tons/Tons	Shut down From 06.02.2024
		Coke Breeze	0.19 Tons/Tons	
		Limestone	0.23 Tons/Tons	
		Dolomite	0.08 Tons/Tons	
		Mill Scale	0.02 Tons/Tons	
		Pellets Fines	0.01 Tons/Tons	

PART – B

Water and Raw Material Consumption:

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7.	Blast Furnace	-	0. m ³ / Tons
8.	Sinter Plant	-	0. m ³ / Tons

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2.	Induction Furnaces	Sponge Iron	0.94 Tons/Tons	1.04 Tons/Tons
		Pig Iron	0.17 Tons/Tons	0.10 Tons/Tons
		Scrap	0.04 Tons/Tons	0.09 Tons/Tons
		Ferro Alloys	0.013 Tons/Tons	0.014 Tons/Tons
3.	Power Plant [WHRB based]	Nil	---	---
4.	Power Plant [AFBC based]	Coal & Fines	0.87 Tons/ MW	0.77 Tons/ MW
		Char	0.68 Tons/ MW	0.38 Tons/ MW
		Midding & Slurry (CW)	0.02 Tons/ MW	0.0 Tons/ MW

PART-C

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

WATER POLLUTION

A). WATER POLLUTION:

Water is not used in the manufacturing process of our Sponge Iron, Power Plant, Steel Division, Blast Furnace and Sinter Plant Units. It is used only for cooling in re-circulation manner. The discharge water of the plants is being collected in settlement tanks and effluent treatment plant and is being used for plantation and water sprinkling on roads, yards etc.

B) AIR POLLUTION:

(i) Summarized Results of Ambient Air Quality Monitoring for the year 2024–25.

S.No.	MONITORING LOCATION	PM 10 (µg/M3)	PM 2.5 (µg/M3)	SO ₂ (µg/m ³)	Nox (µg/m ³)	REMARKS
1.	AAQMS-1 Near safety Office (South Side) About 300 meters. From source	67.58	50.92	Min BDL Max. 32.44	Min BDL Max. 29.84	During the Monitoring period all Pollution Control Equipment's were in operation.
2.	AAQMS-2 Near Guest House (East Side)	53.64	42.13	Min BDL Max. 26.54	Min BDL Max. 24.22	
3.	AAQMS-3 Near Blast Furnace (West Side) About 300 meters. From source	62.14	48.09	Min BDL Max. 31.62	Min BDL Max. 28.32	
4.	AAQMS-4 Near Railway Siding (North Side) About 500 meters. From source	67.25	48.87	Min BDL Max. 34.38	Min BDL Max. 31.63	

NOTE : **C.P.C.B Standard (µg/m³)**

PM 10 = 100
 PM 2.5 = 60
 SO₂ = 80
 NOX = 80
 BDL denotes <10



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(ii) Summarized results of stack emission monitoring for the year 2024-25.

S.N.	NAME OF STACK	TEMP (°C)	PM Mg/Nm ³	REMARKS
1.	R.C.C. Stack of SID -I And SID -II,	140.82	32.65	
2.		141.25	32.29	
3.	SID – III R.C.C STACK	141.58	32.26	
4.	AFBC 10 MW Power Plant R.C.C STACK	144.78	32.16	

NOTE : C.P.C.B STANDARD (mg/Nm³) PM = 50

**PART - D
HAZARDOUS WASTES**

As specified under Hazardous and Other Wastes (Management and T/b Movement) Rules, 2016.

HAZARDOUS WASTES	TOTAL QUANTITY	
	DURING THE PREVIOUS FINANCIAL YEAR 2023 – 2024	DURING THE CURRENT FINANCIAL YEAR 2024 – 2025
FROM PROCESS (USED OIL)	3.800 KL	3.400 KL
ION EXCHANGE RESIN CONTAINING TAXIC METALS	NIL	NIL

Waste oil and spent Resin is expected to be generated as Hazardous waste. Waste oil is being sold to Authorized Recyclers.

PART - E
SOLID WASTES

Sr. No	Solid Wastes	Name of the solid wastes	Total Quantity (Tones/ Year)	
			During 2023–2024	During 2024–2025
a.	From Process	Char/ Dolochar	78333 MT	69272 MT
		Accretion	4100 MT	1361 MT
		Slag from Induction furnaces	15314 MT	12779 MT
b.	From Pollution Control Facilities	Bag filter, ESP and Dust separation system		
c.	Quantity recycled or reutilized within the unit	Char/ Dolochar	18888 MT	19446 MT
d.	Granulated Slag	Granulated Slag	42263 MT	Shut down From 06.02.2024
E,	Boulder Slag	Boulder Slag	7065 MT	Shut down From 06.02.2024

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.

Generated char/ dolochar is being given to nearby Power Plants and our sister concern FBC based Power Plant. Furnace slag is being sold to nearby slag crushing units.

PART - G

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

Installations of WHRB & AFBC based Power plant certainly have positive impact on cost of production.

PART - H

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

During this year no additional investment has been made.



IND SYNERGY LIMITED

VILLAGE: KOTMAR, MAHUAPALI

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PART – I

MISCELLANEOUS:

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

Installations of WHRB based Power plant certainly have positive impact on cost of production.

Netrananda Thatoi

[Signature of Director]

Name: **Netrananda Thatoi**

Designation: Director

Netrananda