JINDAL
COKE LIMITED

JCL/JRD/ENV/2025-26/13

Date: 18.09.2025

To
The Member Secretary,
State Pollution Control Board, Odisha
A/118, Nilakantha Nagar, Unit VIII
Bhubaneswar – 750012

Sub: Submission of annual Environmental Statement for the financial year 2024-25.

Dear Sir,

Please find enclosed herewith the "Annual Environmental Statement (Form-V)" dully filled in the prescribed format for the financial year 2024-25.

This is for your kind perusal please.

Thanking You,

Yours faithfully,
For **Jindal Coke Limited**

Deepak Agiwal
Head – COBP

Encl: As Above

CC: The Regional Officer, State Pollution Control Board, KNIC, Jajpur Road

RECEIVED
24 SEP 2025
S.P.C. BOARD
BHUBANESWAR

ENVIRONMENT STATEMENT

FINANCIAL YEAR 2024-25

JINDAL COKE LIMITED

Kalinganagar Industrial Complex, Duburi, Dist. Jajpur - 755026, Orissa, India

Tel: +91 06726 266031 - 33

Fax: +91 06726 266006

E-mail: info@jindalcoke.com

FORM -V

Form-V

ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR
ENDING ON 31ST MARCH, 2025

Part-A

Name and address of the owner/ occupier of the industry, operation or process	:	Deepak Agiwal Director Jindal Coke Limited Jajpur-755026, Orissa
Industry Category	:	Red
Primary/(STC code)	:	Large Industry
Secondary (STC code)	:	Metal & Minning
Production Capacity	:	0.780 MTPA
Year of Establishment	:	2011
Date of Last Environmental /Audit Report submitted	:	26.09.2024

Part-B

WATER AND RAW MATERIAL CONSUMPTION

Water consumption (m^3/Day)	2023-24	2024-25
Process*	138	221
Cooling**	415	664
Domestic	96	44
Total	649	929
* Includes fresh water for water make up, Service water etc.		
** Includes fresh water for cooling tower make up		

Water consumption per Ton of Product:

Name of product	Water consumption per unit of products (m^3/MT)
Coke	0.58 m^3/MT

Raw Material Consumption:

Name of raw materials	Name of Products	Consumption of raw material per unit of Output (KG/ MT or (MWH)	
		During the previous Financial Year (2023-24)	During the current Financial Year (2024-25)
Coking Coal	Coke	1399 KG/MT	1399 KG/MT

PART-C

POLLUTION DISCHARGED TO ENVIRONMENT/ UNIT OF OUTPUT

(PARAMETERS AS SPECIFIED IN CONSENT ISSUED)

A. Water Pollutants

The entire effluent from each unit is being treated and recycled within plant premises in different activities being performed and wastewater is not allowed to discharge outside the plant.

B. Air Pollutants

B.1 Pollutants from Stack:

SI No.	Stack details	Pollutants	Quantity of Pollutants discharged (mass/day) (Ton/day) 2024-25	Concentration of Pollutants discharged (mass/volume) (mg /Nm3) 2024-25	Percentage of variation from prescribed standard with reasons
1	Battery Stack - Coke Oven 1	Particulate Matter	0.15	34.6	(-)30.72 %
2	Battery Stack - Coke Oven 2		0.14	23.0	(-)14.06 %
3	Primary coal crusher		0.01	10.5	(-)79.07 %
4	Secondary coal crusher		0.01	10.5	(-)79.09 %
5	Coke dedusting		0.02	13.5	(-)73.09 %

B.2 Discharge of water pollutant: No wastewater is allowed to discharge from plant premises.

Part-D

HAZARDOUS WASTES

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

Hazardous wastes		Generation Quantity	
		During the previous financial year 2023-24	During the current financial year 2024-25
From Process	BOD Plant Sludge (Coke Oven)	250 MT	405 MT
	Tar Storage Tank Residue	37.1 MT	50.4 MT

Part-E

SOLID WASTES

Solid Wastes		Generation Quantity (in MT)	
		During the previous financial year 2023-24	During the current financial year 2024-25
From Process	Coke breeze	30351	39600

Part-F

Characteristics of Hazardous as well as solid wastes and their disposal practice.

A) Hazardous Wastes

Hazardous Wastes Characteristics and Disposal practice:

Sl. No.	Hazardous Wastes	Characteristics	Quantity (2024-25)	Mode of Disposal
1	BOD Plant Sludge	Solid	405 MT	Recycled in coke making process
2	Tar Storage Tank Residue	Solid	50.4 MT	Recycled in coke making process

B) Solid Wastes

Solid Wastes Characteristics and Disposal practice:

Solid Wastes	Characteristics (Chemical Analysis)	Mode of Disposal
Coke breeze	Fe_2O_3: 0.47, SiO_2: 4.98, Al_2O_3: 3.39, CaO: 0.39, MgO : 0.09 , P_2O_5 : 0.02Na_2O : 0.05	Sold to Sinter making steel plant

Part-G

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

1. The plant is equipped with various state-of-the-art Air Pollution Control devices such as Bag Houses etc. designed to control the emission (PM) level below 50 mg/Nm^3 from the stacks installed at our plant.

2. A HDPE line impervious pit of 5000 m^3 has been constructed adjacent to BOD plant for storage of effluent from COBP during exigency.

3. Fugitive emissions are being arrested by way of putting up covered belt conveyors, water sprinklers and mostly concreted /asphalted roads for vehicular movement inside the plant premises.

Part-H

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

a) **Additional Measures**

1. To maintain neat and clean environment inside the plant premises, housekeeping is being on regular basis. 5-S system has been implemented across the full plant.

Expenditure on pollution control		
Description	Expenditure in Crores during 2024-25	
	Capital	**Operational**
Air Pollution Control	0.05	2.40
Water Pollution Control	-	4.48
Hazardous Waste Management	0.12	0.001
Greenbelt development	-	0.60
Total	**0.17**	**7.481**

4. Plantation:

- During the FY 2024-25, 5310 nos. of tress have been planted inside plant premises

PART –I

Miscellaneous

Any other particular for improving quality of environment

1. IMS Certification (New Standards):

The unit has obtained its recertification for Integrated Management System that includes ISO 14001:2015 (Environment Management System), ISO 9001:2015 (Quality Management System) and ISO 45001:2018 (Occupational health & safety Management System).

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