JHARKHAND STATE POLLUTION CONTROL BOARD

TOWNSHIP ADMINISTRATION BUILDING, HEC COMPLEX, DHURWA, RANCHI 834004
Telephone: 0651-2400850 (Fax)/ 2400851/2400852/2401847/2400979/2400139

Ref No. JSPCB/HO/RNC/CTO-19712503/2024/1510 Dated : 2024-09-19

Consent to operate (CTO) under section 25 /26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981

1. Application (s) dated 2024-07-18 of OPLUS STEEL & POWER PVT. LTD. OLD NAME -SWATI CONCAST & POWER PVT. LTD., Occupier Name :AJAY KUMAR KEJRIWAL for consent under section 25 (1)(b)/25 (1) (c)/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21(1) of the Air (Prevention & Control of Pollution) Act,1981..

2. Documents Relied Upon:

(a) The content of Environmental Clearance (EC), granted, vide Ref.No. J-11011/866/2007-IA II(I), dated 18.06.2010, MoEF & CC, New Delhi.

(b) The content of No Objection Certificate (NOC), vide ref. no. 2436, dated 16.08.2007 for the production of Pig Iron- 120 TPD and Hard Coke- 100 TPD.

(c) The content of Consent to Operate (CTO), vide ref. no. JSPCB/HO/RNC/CTO-8374706/2020/1649, dated 02.10.2020 for the production of Pig Iron - 110 TPD valid upto 30.09.2024 in Mauza -Mohanpur , P S -Giridih , District - Giridih.

(d) The content of Consent to Operate (CTO), vide ref. no. JSPCB/HO/RNC/CTO-10924235/2021/1116, dated 01.01.2021 for the production of Hard Coke- 50 TPD valid upto 30.09.2024.

(e) The content of deed of absolute sale made on 15.09.2005 in between Sri Ajay Bagaria and Swati Sponge and Iron Private Limited.

(f) The content of certificate of Incorporation pursuant to change on name to OPLUS Steel and Power Private Limited from Swati Concast and Power Private Limited.

(g) The content of Inspection Report (IR), vide ref. no. 1231, dated 03.08.2024 issued by Regional Officer, Regional Office, JSCPB, Hazaribagh.

3. The consent is granted under section 25 / 26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 to operate the project in Mauza -Mohanpur , P S -Giridih , District -GIRIDIH , as follows:

Project	Site-Area		Investment (Rs)	Product & Capacity	Period of CTO
	Plot Nos.	Area			Date of issue To
Before Expansion	1661, Khata No-107	6.93 Acres	1560 Lacs	Hard Coke- 50 TPD, Pig Iron - 110 TPD	30/09/2029

(A) Specific Conditions:

1. That, the occupier shall operate and maintain the pollution control devices such as dust catcher and bag filters.

2. That, the occupier shall obtain raw material from valid sources and the occupier shall be responsible for the same.

3. That, the occupier shall ensure water used for scrubbing must be re-circulated and reused after proper settling and treatment and in no case it shall be discharged out of premises.

4. That, the occupier shall submit documents related to the size of ovens and installed capacity of the plant prepared by CIMFR or institution recognized by Govt. of India / State Govt. or their public undertakings at new site when the proposed unit will be established at the time of Consent to operate; the production capacity of ovens assessed shall be considered final and Consent to operate (CTO) shall be issued for the same assessed capacity; and is mandatory.

5. That, the occupier shall submit sustainability report of the stack to which ovens would be linked for stack emission point of view at regular intervals.

6. That, the occupier shall inform to Regional Office, Hazaribagh and Head Office, JSPC Board, at Ranchi within 24 hrs from the time of closure or opening of the plant.

7. That, the occupier shall carry out transportation in covered vehicle with tarpaulin

8. That, the occupier shall keep the effluent in closed circuit and in no case it shall be discharged out of premises.

9. That, the occupier shall store the surface runoff in concrete settling tank with proper lining of adequate capacity and in no case shall allow the percolation to underground; submit the photographic view of structure of Rain water harvesting plan with settling tanks within 03 months, failing which consent order shall be revoked.

10. That, the occupier shall make Work area and transport roads and approach road off the main road concrete/ black top.

11. That, the occupier shall complete the installation of Air Pollution Control Devices (i.e. Double Tunnel System).

12. That, the occupier shall obtain raw material only from valid source and shall maintain record of it and shall show the record to the Inspecting Officer during inspection.

13. That, the occupier shall install fixed type water sprinklers to cover all dusty places in the premises to

impart water spraying intermittently and during loading, unloading of raw materials/products and wastes.

14. That, the occupier shall operate and maintain the PM 10 analyzer having CPCB approves technology and USEPA certification.

15. That, the occupier shall submit compliance of this CTO conditions on yearly basis alongwith the analysis reports successively.

16. That, the occupier shall submit online applications for renewal of consent under section 25 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 again 120 days prior to the date of expiry of this consent with documents showing compliance of all of the above conditions.

(B) General Conditions :

(1) That, the occupier shall maintain the **National Ambient Air Quality Standard** given below:

S N	Pollutant	Time Weighted Average	Concentration in Ambient Air	
			Industrial, Residential, Rural and Other Area	Ecologically Sensitive Area (notified by Central Govt.)
(1)	(2)	(3)	(4)	(5)
1.	Sulphur Dioxide (SO2), µg/m3	Annual 24 hours	50 80	20 80
2.	Nitrogen Dioxide (NO2), µg/m3	Annual 24 hours	40 80	30 80
3.	Particulate Matter (size less than 10 µm) or PM10, µg/m3	Annual 24 hours	60 100	60 100
4.	Particulate Matter (size less than 2.5 µm) or PM2.5, µg/m3	Annual 24 hours	40 60	40 60
5.	Ozone(O3), µg/m3	8 hours 1 hour	100 180	100 180
6.	Lead (Pb) µg/m3	Annual 24 hours	0.50 1.0	0.50 1.0
7.	Carbon Monoxide (CO) mg/m3	8 hours 1 hour	02 04	02 04
8.	Ammonia (NH3) µg/m3	Annual 24 hours	100 400	100 400
9.	Benzene (C6H6) µg/m3	Annual	05	05
10.	Benzo(a) Pyrene(BaP) Particulate Phase only ng/m3	Annual	01	01
11.	Arsenic (As) ng/m3	Annual	06	06
12.	Nickel (Ni) ng/m3	Annual	20	20

Note : Serial no. 1 to 4 – Mandatory
Serial no. 5 to 12 As applicable for specific type of industry.

(2) That, the occupier shall maintain the emission quality within the standard and the quantity, as follows:

S N	Parameter	Standard
1	Particulate Matter	150 mg/Nm3

(3) That, the occupier shall keep process effluent in close-circuit and the quality of effluent from other sources in conformity with the standard (s) and the discharge quantity as below:

S N	Parameter	Standard
1	Total Suspended Solids	100 mg/L
2	BOD	30 mg/L
3	COD	250 mg/L
4	Oil & Grease	10 mg/L

(4) That, the occupier shall dispose of solid wastes as follows:

S N	Waste Type	Mode of Disposal
1	Hazardous Carbonaceous Wastes	In co-processing in high temperature furnaces or kilns
2	Hazardous Non-Carbonaceous Wastes	In TSDF
3	Non-Carbonaceous Non-Hazardous solid wastes/ Mine Over Burden	As a substitute of Soil or Mineral

(5) That, the occupier shall keep D G Set(s) within acoustic enclosure and shall keep the height(s) of exhaust pipe(s) as per Central Pollution Control Board norm.

(6) That, the occupier shall install and maintain Central Ground Water Board/ State Ground Water Directorate approved system of rain water harvesting-cum-ground water recharge and submit the photographic view of the structures within a month.

(7) That, the occupier shall grow and maintain greenery of the project in the periphery and other available spaces and shall continue enhancing its plant density and biodiversity.

(8) That, the occupier shall submit environmental statement with supporting stoichiometric calculations analyses reports, every year latest by 30th September of the next financial year.

(9) That, the occupier shall submit report(s) duly monitored and issued by an NABL accredited / ISO 9001:2008 and OHSAS 18001:2007 certified laboratory in compliance sub-para (2), (3), (4) and (5) of paragraph 3 of this CTO yearly at required periodicity.

(10) That, this CTO is valid subjected to the validity of mining Lease/Mining Plan/Ecofriendly/Environmental Clearance, if applicable. In case of no renewal of Mining Lease/Mining Plan, this consent shall be treated as revoked automatically.

(11) That, this CTO is issued from the environmental angle only and does not absolve the occupier from other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with these conditions laid down in all other laws for the time-being in force, rests with the industry/ unit/ occupier.

(12) That, this CTO shall not in any way, adversely affect or jeopardize the legal proceeding , if any, instituted in the past or that could be , instituted against you by the State Board for violation of the provisions of the Act or the Rules made there under.

(13) That, the occupier shall comply with all applicable provisions of the Water (Prevention & Control of Pollution) Act, 1974; the Water (Prevention & Control of Pollution) Cess Act, 1977; the Air (Prevention & Control of Pollution) Act, 1981; and the Environment (Protection) Act, 1986 and Rules made there under.

4. That, this CTO shall not absolve the occupier from making compliance of other statutory prescribed under any law or direction of courts or any other instrument for the time being in force.

5. That, this CTO is being issued on the basis of information/ documents/ certificate submitted by the unit. This CTO will be revoked if any of the information/documents/certificates/undertaking given by the occupier is found false/fictitious/forged in future.

6. The Order shall be valid subject to compliance of all other legal requirements applicable to the unit.

7. The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alteration in conditions of this consent.

This is issued with the approval of the Competent authority

Ashok Kumar Yadav
Digitally signed by Ashok Kumar Yadav
Date: 2024.09.19 11:47:06 +05'30'

[A.K. Yadav]
OSD

Memo No. : JSPCB/HO/RNC/CTO-19712503/2024/1510

Dated : 2024-09-19

Copy to: M/s Swati Concast & Power Pvt. Ltd., Mohanpur, Tundi Road, Dist- Giridih/ Chief Inspector of Factories, Ranchi/ Director of Industry, Government of Jharkhand, Ranchi/ Deputy Commissioner, Giridih/ DFO, Giridih/ RO, JSPCB, Hazaribagh for information & ensuring compliance of the above.

Ashok Kumar Yadav
Digitally signed by Ashok Kumar Yadav
Date: 2024.09.19 11:47:24 +05'30'

[A.K. Yadav]
OSD