



## JHARKHAND STATE POLLUTION CONTROL BOARD

TOWNSHIP ADMINISTRATION BUILDING, HEC COMPLEX, DHURWA, RANCHI 834004

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Ref No. JSPCB/HO/RNC/CTO-18721706/2024/840

Dated : 2024-05-12

### 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 2024-04-06 of Atibir Industries Co. Ltd, UNIT-II, Occupier Name :Paras Kumar Sarawgi 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), vide Ref. No. J-11011/14/2008-I(A). II(M), dated. 13.05.2009 issued by MoEF and CC, New Delhi.

(b) The content of Consent-to-Establish (CTE) vide Ref No.

(i) N-06, dated 31.01.2008 and

(ii) JSPCB/HO/RNC/CTE-2209704/2018/960, dated 11.09.2018.

(c) The content of Consent to Operate (CTO), vide ref. no. JSPCB/HO/RNC/CTO-12476466/2022/640, dated 21.05.2022 for the production of Sinter- 2030 TPD, Pellet - 1000 TPD, Pig Iron - 2000 TPD, Oxygen Plant- 2400 cubic meter/hour; CPP (WHRB)- 3 MW in Mauza -Bhorandiha , P S -Giridih , District - GIRIDIH for plot no.- 602 to 619, 633 to 667, 756 and 907 to 920, Khata No.- 42, 69, 68, 164, 166, 123, 130, 122, 07, 185, 188, 181, 186, 191, 39, 10, 166, 9, 32, 56, 76, 1, 126, 40, 26, 94 and others as per land schedule having area- 106 Acres with investment as 54564 Lacs.

(d) The content of authorization under HoWM Rules' 2016 vide ref. no. JSPCB/HO/RNC/HWM-2104568/2019/13, dated 09.04.2019.

(e) The content of Inspection Report (IR), vide ref. no. 663, dated 22.04.2024 issued by Regional Officer, Regional Office, JSPCB, 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 -Bhorandiha , P S -Giridih , District -GIRIDIH , as follows:

Project	Site-Area		Investment (Rs)	Product & Capacity	Period of CTO
	Plot Nos.	Area			Date of issue To
In Expansion	As per land schedule	106 Acres	54564 Lacs	Sinter- 2030 TPD, Pellet - 1000 TPD, Pig Iron - 2000 TPD, Oxygen Plant- 2400 cubic meter/hour; CPP (WHRB)- 3 MW	30/06/2026

**(A) Specific Conditions:**

1. That, the occupier shall operate and maintain the pollution control devices such as dust catcher, bag filter, dry bag filter attached to blast furnace.
2. That, the occupier shall operate and maintain the pollution control devices such as dust catcher, cyclone separator and bag filters attached to the sinter plant.
3. That, the occupier shall operate and maintain the ESP installed in pellet plant.
4. That, the occupier shall obtain raw material from valid source and submit return for consumption of raw material annually.
5. That, the occupier shall operate and maintain system for Online Stack monitoring with its data connectivity to Central pollution control Board and Jharkhand State Pollution Control Board.
6. That, the occupier shall operate and maintain fixed type water sprinklers at all dusty places inside the plant.
7. That, the occupier shall upgrade, operate and maintain air pollution control device such as Multi Cyclone System, De-Dusting System, Chimney, ESP / bag Filter installed at kiln/ cooler discharge, dust catcher, product separation, transfer points, Coal crusher and others.
8. That, the occupier shall do regular cleaning and wetting of the ground & maintain good housekeeping.
9. That, the occupier shall operate and maintain the web -camera in the premises.
10. That, the occupier shall keep the waste water generated from Water softener and cooling water for furnace into recirculation and reuse after treatment within the campus.
11. That, the occupier shall inform to Regional Office-Cum- Lab, Hazaribagh and Head Office, JSPC Board, at Ranchi within 24 hrs from the time of closure or opening of the plant.
12. That, the occupier shall dispose hazardous waste as per the provision of Hazardous Waste Management Rules, 2016.
13. That, the occupier shall obtain authorization under HoWM Rules' 2016.
14. That, the occupier shall submit compliance of this EC and CTO conditions on six monthly basis alongwith the recent analysis reports.
15. That, the occupier shall implement the charter on Corporate Responsibility for Environment Protection

(CREP).

16. That, the occupier shall maintain atleast 33 % plantation of the total area.

17. That, the occupier shall ensure proper handling, storage, utilization and disposal of solid waste.

18. That, the occupier shall obtain the NOC from CGWA.

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

20. That, the occupier shall submit applications for renewal of consent 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 again 120 days prior to the date of expiry of this consent with requisite fee and documents showing compliance of all of the above conditions.

21. That, this CTO supersedes the CTO granted earlier vide ref. no. JSPCB/HO/RNC/CTO-12476466/2022/640, dated 21.05.2022.

**(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 (SO <sub>2</sub> ), µg/m <sup>3</sup>	Annual 24 hours	50 80	20 80
2.	Nitrogen Dioxide (NO <sub>2</sub> ), µg/m <sup>3</sup>	Annual 24 hours	40 80	30 80
3.	Particulate Matter (size less than 10 µm) or PM <sub>10</sub> , µg/m <sup>3</sup>	Annual 24 hours	60 100	60 100
4.	Particulate Matter (size less than 2.5 µm) or PM <sub>2.5</sub> , µg/m <sup>3</sup>	Annual 24 hours	40 60	40 60
5.	Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>	8 hours 1 hour	100 180	100 180
6.	Lead (Pb) µg/m <sup>3</sup>	Annual 24 hours	0.50 1.0	0.50 1.0
7.	Carbon Monoxide (CO) mg/m <sup>3</sup>	8 hours 1 hour	02 04	02 04
8.	Ammonia (NH <sub>3</sub> ) µg/m <sup>3</sup>	Annual 24 hours	100 400	100 400
9.	Benzene (C <sub>6</sub> H <sub>6</sub> ) µg/m <sup>3</sup>	Annual	05	05
10.	Benzo(a) Pyrene(BaP) Particulate Phase only ng/m <sup>3</sup>	Annual	01	01
11.	Arsenic (As) ng/m <sup>3</sup>	Annual	06	06
12.	Nickel (Ni) ng/m <sup>3</sup>	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/Nm <sup>3</sup>

- (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**

**[Ram Pravesh Kumar]**  
Section Head, Hazaribagh

Memo No. : JSPCB/HO/RNC/CTO-  
18721706/2024/840

Dated : 2024-05-12

**Copy to:** M/s Atibir Industries Co. Ltd, UNIT-II, Bhorandiha, Dist- Giridih/ Chief Inspector of Factories, Ranchi/ Director of Industry, Government of Jharkhand, Ranchi/ Director of Mines, Government of Jharkhand, Ranchi/ Deputy Commissioner, Giridih/ DFO, Giridih/ R O, Hazaribagh for information & ensuring compliance of the above CTO conditions on quarterly basis as per direction of CPCB.

**[Ram Pravesh Kumar]**  
Section Head, Hazaribagh