



## 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-3476021/2019/69

Dated : 2019-01-09

### 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 2018-11-01 of INLAND POWER LIMITED, Occupier Name :GIRIRAJ KUMAR JHAWAR 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 from MoEF, New Delhi vide Ref. No. J-13012/115/2008-IA.II(T) dated 20.12.2011.

(b) The content of Consent to Establish (CTE), Ref No. N-85 dated 22.09.2010, JSPCB, Ranchi.

(c) The content of Consent to operate (CTO) vide Ref. No. JSPCB/HO/RNC/CTO-1057300/2017/140 dated 14.02.2017, JSPCB, Ranchi.

(d) The content of affidavit submitted regarding installation of online system for remote calibration.

(e) The content of direction of CPCB in the matter of installation of remote calibration.

(f) The content of Inspection Report (I/R), Ref No. 1534 dated 06.11.2018 of RO, RO-cum-Lab, 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 -TONAGTU, BIYANG , P S -GOLA , District -RAMGARH , as follows:

Project	Site-Area		Investment (Rs)	Product & Capacity	Period of CTO
	Plot Nos.	Area			
Before Expansion	2255, 2261, 2267,2274, Kha ta NO. :84, 87, 88,91, 92, 100	79.88 Acre	352 Crore	(a) Power Plant-1X63 MW, (b) Fly Ash Bricks-252055 nos./day	Date of issue to 31.12.2023

#### (A) Specific Conditions:

(1) That, the occupier shall continuously transmit the online monitoring data of ambient air quality, stack

emission and effluent quality to the server of the Board, if any time transmission of data is found discontinued consent to operate shall be revoked.

(2) That, the occupier shall install online stack emission monitoring system and shall ensure on line data transmission to CPCB and JSPCB server and also shall install web camera at effluent discharge point.

(3) That, the occupier shall establish and operate well equipped environmental laboratory with facilities to monitor at least all regulatory parameters and duly accredited by NABL.

(4) That, the occupier shall operate and maintain fixed type water sprinklers at all dusty place around the unit.

(5) That, the occupier shall fully comply the provision of charter on corporate responsibility for environmental protection.

(6) That, the occupier shall utilise 100% fly ash and shall not dispose off fly ash in the nearby villages or any places out side the unit.

(7) That, the occupier shall ensure the cleaning and wetting of the ground regularly to improve house Keeping.

(8) That, the occupier shall keep the industrial effluent in closed circuit.

(9) That, the occupier shall operate and maintain Effluent Treatment Plant regularly.

(10) That, the occupier shall prevent all leakages, spillages of the system.

(11) That the occupier shall submit the fly ash generation and utilization data at the interval of 3 months to the Board.

(12) That, the occupier shall make transportation of fly ash by covered vehicles.

(13) That, the occupier shall submit six monthly compliance report of conditions imposed in Environmental Clearance to the Board.

(14) That, the occupier shall comply the all conditions mentioned in environmental clearance.

(15) That, the occupier shall submit compliance report of CTO Conditions every year to the Board.

(16) This CTO is valid subject to the status/order passed in the case matter filed and pending with the Hon'ble High Court of Jharkhand named WP (PIL) No. 6017 of 2016 Uma Shankar Mahto Vs. The State of Jharkhand & Others.

(17) That, the occupier shall install and maintain the software for online remote calibration as per CPCB direction and ensure data transmission to CPCB server and JSPCB server as mentioned in affidavit.

(18) That, this CTO is valid subject to the further order of CPCB in the above matter.

(19) 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 to operate to the date.

**(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
<b>Note : Serial no. 1 to 4 – Mandatory</b> <b>Serial no. 5 to 12 As applicable for specific type of industry.</b>				

- (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	Non-Carbonaceous Non-Hazardous solid wastes/ Mine Over Burden	As a substitute of Soil or Mineral
2	Hazardous Carbonaceous Wastes	In co-processing in high temperature furnaces or kilns
3	Hazardous Non-Carbonaceous Wastes	In TSDF

- (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**

RAJEEV  
LOCHAN  
BAKSHI

Digitally signed  
by RAJEEV  
LOCHAN BAKSHI  
Date: 2019.01.09  
16:08:24 +05'30'

**[Rajeev Lochan Bakshi]**  
Member Secretary

Memo No. : JSPCB/HO/RNC/CTO-3476021/2019/69

Dated : 2019-01-09

**Copy to:** M/s Inland Power Limited, Vill- Tonagatu, PO-Saram, PS-Gola, Distt -Ramgarh/ Chief Inspector of Factories, Ranchi/ Director of Industry, Government of Jharkhand, Ranchi/ Director of Mines, Government of Jharkhand, Ranchi/ Deputy Commissioner, Ramgarh/ DFO, Ramgarh/ DMO, Ramgarh/ R O, JSPCB, Hazaribagh for information & ensuring compliance of the above.

RAJEEV  
LOCHAN  
BAKSHI

Digitally signed  
by RAJEEV  
LOCHAN BAKSHI  
Date: 2019.01.09  
16:08:38 +05'30'

**[Rajeev Lochan Bakshi]**  
Member Secretary