



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-7726490/2020/907

Dated : 2020-06-10

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 2020-04-13 of BURNPUR CEMENT LIMITED, Occupier Name :INDRAJEET KUMAR TIWARY 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

(i) Ref. No.- J-11011/45/2009-IA II (I), dated- 30.12.2010,MoEF, Delhi and

(ii) Ref. No. 261, dated 05.11.2018.

(iii) amended EC issued by SEIAA, vide ref. no. 186, dated 30.04.2019 showing validity has been extended till 29.12.2020.

(b) The content of Consent-to-Establish, vide ref. no. 217, dated- 25.01.2007, JSPCB, Ranchi.

(c) The content of CTO, Ref No. JSPCB/HO/RNC/CTO-4370288/2019/974 Dated 10.05.2019 of JSPCB, Ranchi.

(d) The content of Inspection Report (I/R), Ref No. 499 dated 24.04.2020, of Regional Officer, Regional Office-Cum-Lab, Hazaribagh.

(e) The content of self certificate/undertaking regarding procurement of raw material from the valid source.

(f) The content of certificate issued by the Board regarding "No Objection in Pollution Load" vide ref. no. B-599, dated 16.03.2020.

(g) The content of letter issued by the unit vide ref. no. 697, dated 23.05.2020 requesting to add "PCC" in the CTO.

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 -KATIYA,SOLIYA , P S -PATRATU INDUSTRIAL AREA , District -RAMGARH , as follows:

Project	Site-Area		Investment (Rs)	Product & Capacity	Period of CTO
	Plot Nos.	Area			Date of issue To

Before Expansion	A-8P, 9, 10, 11, B- 38, 39, 40, C-7P, 8, 9, 10, 11 & XP - Block- D & E Khata No.:95, 127, 41, 32, 112, 52, 53, 45	60.00 Acres	29772.30 Lacs	Cement (OPC, PSC, PCC & PPC)- 800 TPD	31/03/2024
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(A) Specific Conditions:

1. That, the occupier shall install dust containment cum suppression system.
2. That, the occupier shall carry out grinding and packing under covered area.
3. That, the occupier shall comply all the conditions of EC and submit the report to the Board on six monthly basis.
4. That, the occupier shall maintain the new emission guideline as prescribed by CPCB/MoEF for cement industry.
5. That, the occupier shall maintain the PM 10 analyzer and shall ensure transmission of data to the server uninterruptedly.
6. That, the occupier shall cover the truck/dumpers used for transportation of Limestone, Gypsum, Coal, Cement and other materials and shall use least habitation route for their movement.
7. That, the occupier shall install & maintain fixed type water sprinkler all along the road and the points of loading & unloading points.
8. That, the occupier shall construct pucca approach road and internal roads and shall do sprinkling of water along these area.
9. That, the occupier shall harvest rain water of the premises and recharge it to the ground by the method of Central Ground Water Board that fits most to such project.
10. That, the occupier shall keep surface run off within the premises and should construct garland drain and settling pit for this purpose.
11. That, the occupier shall transport the product by leak proof and covered vehicles with tarpaulin sheet.
12. 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.
13. That, the occupier shall operate and maintain air pollution control devices to such as bag filters to control fuel dust emission.

14. That, the occupier shall submit the disposal and utilization of fly ash generated in the plant.
15. That, the occupier shall comply conditions of the CREP and shall report to the Board regularly.
16. That, the occupier shall submit compliance of this CTO conditions on every year successively before 120 days of the expiry date of this CTO.
17. That, occupier shall shall submit application for renewal under section 25/26 of Water(Prevention & Control of Pollution) Act,1974 and section 21 of Air (Prevention & Control of Pollution) Act,1981 again 120 days prior to the expiry of this consent.

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

- (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

RAJEEV
LOCHAN
BAKSHI

Digitally signed by
RAJEEV LOCHAN
BAKSHI
Date: 2020.06.10
22:31:20 +05'30'

[Rajeev Lochan Bakshi]
Member Secretary

Memo No. : JSPCB/HO/RNC/CTO-
7726490/2020/907

Dated : 2020-06-10

Copy to: M/s Burnpur Cement Limited, At- Patratu, Industrial, Area, Patratu, Ramgarh- 829119, Jharkhand/ Chief Inspector of Factories, 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: 2020.06.10
22:31:43 +05'30'

[Rajeev Lochan Bakshi]
Member Secretary



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-8168156/2020/1077

Dated : 2020-07-04

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 2020-06-02 of BURNPUR CEMENT LIMITED, Occupier Name :INDRAJEET KUMAR TIWARY 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

(i) Ref. No.- J-11011/45/2009-IA II (I), dated- 30.12.2010, MoEF, Delhi and

(ii) Extension in EC vide Ref. No. 261, dated 05.11.2018.

(iii) amended EC issued by SEIAA, vide ref. no. 186, dated 30.04.2019 showing validity has been extended till 29.12.2020.

(b) The content of (existing) Consent to operate (CTO) Ref No. JSPCB/HO/RNC/CTO-7726490/2020/907 Dated 10.06.2020, valid for the period upto JSPCB, Ranchi.

(c) The content of inspection report (I/R) Ref.No. 596 dated 08.06.2020 of Regional Officer, Regional Office-Cum-Lab, Hazaribagh.

(d) The content of self certificate/undertaking regarding procurement of raw material from the valid source.

(e) The content of the minutes of the meeting held on 24.01.2020 for assessment of "No Increase in Pollution Load" due to change in product mix of the plant vide memo no. B-599, dated 16.03.2020.

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 -KATIYA,SOLIYA , P S -PATRATU INDUSTRIAL AREA , District -RAMGARH , as follows:

Project	Site-Area		Investment (Rs)	Product & Capacity	Period of CTO
	Plot Nos.	Area			Date of issue To
In Expansion	A-8P, 9, 10, 11, B- 38, 39, 40, Khata No. 95, 127, 41, 32, 112, 52, 53, 45	60.00 Acre	30 Lacs (in expansion)	Cement (OPC, PSC, PCC & PPC)- 800 TPD (in expansion)	30/06/2021

(A) Specific Conditions:

1. That, the occupier shall maintain the new emission guideline as prescribed by CPCB/MoEF for cement industry.
2. That, the occupier shall maintain the PM 10 analyzer and shall ensure transmission of data to the server uninterruptedly.
3. That, the occupier shall install & maintain fixed type water sprinkler all along the road and the points of loading & unloading points.
4. That, the occupier shall harvest rain water of the premises and recharge it to the ground by the method of Central Ground Water Board that fits most to such project.
5. That, the occupier shall keep surface run off within the premises and should construct garland drain and settling pit for this purpose.
6. That, the occupier shall transport the product by leak proof and covered vehicles with tarpaulin sheet.
7. 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.
8. That, the occupier shall operate and maintain air pollution control devices to such as bag filters to control fuel dust emission.
9. That, the occupier shall comply conditions of the CREP and shall report to the Board regularly.
10. That, the occupier shall submit compliance of this CTO conditions on every year successively before 120 days of the expiry date of this CTO.
11. That, the occupier shall install dust containment cum suppression system.
12. That, the occupier shall carry out grinding and packing under covered area.
13. That, the occupier shall comply all the conditions of EC and submit the report to the Board on six monthly basis.
14. That, the occupier shall construct pucca approach road and internal roads and shall do sprinkling of water along these area.
15. That, occupier shall shall submit application for renewal under section 25/26 of Water(Prevention & Control of Pollution) Act,1974 and section 21 of Air (Prevention & Control of Pollution) Act,1981 again 120 days prior to the expiry of this consent.

16. That, the occupier shall apply for combined CTO at the time of application made for further period;
17. That, the occupier shall cover the truck/dumpers used for transportation of Limestone, Gypsum, Coal, Cement and other materials and shall use least habitation route for their movement.
18. That, the occupier shall submit the disposal and utilization of fly ash generated in the plant.

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

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S N	Parameter	Standard
1	Particulate Matter	150 mg/Nm ³

- (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
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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
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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.
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- (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.
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- (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 Digitally signed by RAM PRAVESH KUMAR [Ram Pravesh Kumar]
Date: 2020.07.04 11:50:58 +05'30' Section Head, Hazaribagh

Memo No. : JSPCB/HO/RNC/CTO-8168156/2020/1077

Dated : 2020-07-04

Copy to: M/s Burnpur Cement Limited, At- Patratu, Industrial, Area, Patratu, Ramgarh- 829119, Jharkhand/ Chief Inspector of Factories, 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.

RAM PRAVESH KUMAR Digitally signed by RAM PRAVESH KUMAR [Ram Pravesh Kumar]
Date: 2020.07.04 11:51:48 +05'30' Section Head, Hazaribagh