


MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010437/24020781/24014701		Kalpataru Point, 2 nd - 4 th Fl.
Fax: 24024068 / 24023516		Opp. Cine Planet Cinema,
Website: http://mpcb.gov.in		Near Sion Circle, Sion (E)
E-mail: mpcb@vsnl.net		Mumbai-400 022.

RED/ LSI

Date: 28/03/2013

Consent No. BO /JD (APC)/EIC No. PN-16467-13 & PN-14926-12/R/CC/AC-2658

Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management, Handling & Trans Boundary Movement) Rules 2008. [To be referred as Water Act, Air Act and H W (M, H & TM) Rules respectively]

CONSENT is hereby granted to

M/s. Ultratech Cement Limited,
Unit :1 & 2 Hotgi Cement Works,
Near Hotgi Railway Station At Hotgi,
Tal-Solapur, Dist - Solapur 413 215

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of H.W. (M, H & TM) Rules subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to Operate is granted for a period up to 31.10.2015.
2. The Consent is valid for the manufacture of -

S.No	Product Name	Consented	UOM
1	Clinker Based Cement	3,40,000	MT/Month

3. **CONDITIONS UNDER WATER ACT :**

- (i) The daily quantity of trade effluent from the factory shall be Nil.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 40 m³.
- (iii) **Trade Effluent Treatment:** N.A.
- (iv) **Trade Effluent Disposal:** N.A.
- (v) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

(1)	Suspended Solids	Not to exceed	100	mg/l.
(2)	BOD 3 days 27o C.	Not to exceed	100	mg/l.
- (vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be recycle/reused in the process for cooling; dust suppression etc to the maximum extent and remaining shall be used on land for gardening.

(vii) **Non-Hazardous Solid Wastes: N.A.**

(viii) **Other conditions:**

- 1) The industry shall monitor effluent quality regularly.
- 2) Green Belt a forestation shall be done up to 33% on available open space land.

4. The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and Rules there under:

The daily water consumption for the following categories is as under:

(i) Domestic	...	55.0	CMD
(ii) Industrial Processing	...	0.0	CMD
(iii) Industrial Cooling/boiler	...	110.0	CMD
(iv) Agriculture/Gardening	...	80.0	CMD

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

5. **CONDITIONS UNDER AIR ACT :**

(i) The applicant shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

A) Control Equipment:

- i. Dust collector of sufficient capacity shall be provided to clinker handling, cement mill, cement silo, conveyor belt and other sources of TPM and SPM operate & Maintain regularly.
- ii. There shall not be any secondary fugitive emission.
- iii. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain safe environment in and around the factory premises.
- iv. Concrete roads shall be provided and well maintained to prevent dust formation.

B) Standards for Ambient Air Pollutants :

i) PM ₁₀	-	Not exceed	100 µg / m ³
ii) PM _{2.5}	-	Not exceed	60 µg / m ³
iii) SO ₂	-	Not exceed	80 µg / m ³
iv) NO ₂	-	Not exceed	80 µg / m ³

C) Standards for Emissions of Air Pollutants Unit-I :

i) Particulate Matter	Not exceed	150 mg/Nm ³
ii) SO ₂ (Process)	Not exceed	35 ppm
iii) SO ₂	Not exceed	10 kg/Day

Standards for Emissions of Air Pollutants Unit-II :

i) Particulate Matter	Not exceed	50 mg/Nm ³
ii) SO ₂ (Process)	Not exceed	50 ppm

(ii) The applicant shall observe the following fuel pattern:-

Sr. No.	Type Of Fuel	Quantity	UOM
1	HSD	40	Lit/hr

(iii) The applicant shall erect the chimney(s) of the following specifications:-

S.No.	Stack Attached	Height
1	ESP(Unit-I)	40.0
2	Mill Venting bag House(Unit-II)	61.0
3	Separator venting (Unit-II)	61.0
4	DG Set 320 KVA	5.0

6. Conditions for D.G. Set:-

- a. Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
- b. Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
- c. The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m. to 6 a.m.
- d. Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
- e. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- f. A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use
- g. D.G. Set shall be operated only in case of power failure
- h. The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set

7. Other Conditions :

- a. The applicant shall install online continuous monitoring system for stack emission analysis & same shall be directly connected to MPCB website <http://mpcb.gov.in> as well as to the respective Regional Office.

- b. If due to any technological improvements or otherwise this Board is of opinion that all or any of the conditions referred above require variation (including the change of any control equipment either in whole or in part), this Board shall after giving the applicant an opportunity of being heard very all or any of such conditions and thereupon the applicant shall be bound to comply with the conditions so varied.
- c. A green belt with tree plantation shall be maintained up to a distance not less than 200 mtrs around the Plant.
- d. There shall not be any fugitive emissions.
- e. The factory authorities shall install a separate interlinked metering system showing the consumption of energy for operation of domestic and industrial effluent treatment plants. The quarterly returns of the energy / consumption shall be submitted to Board Office under intimation to respective Regional and Sub Regional Officer on each 10th of January, April, July & October.
- f. The industry shall not cause any nuisance in surrounding area.
- g. The industry shall monitor stack emissions & ambient air quality regularly.
- h.

8. **Hazardous Wastes (Management, Handling & Trans Boundary Movement) Rules 2008:**

- (i) The applicant shall handle hazardous wastes as specified below:

S.No	Hazardous Waste Category	Qty	UOM	Disposal
1	5.1 Used /spent oil	70.05	Kg/day	Sold to auth. reprocessor

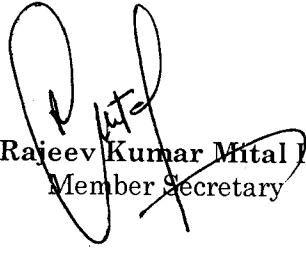
- a. The industry should comply with the under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008.
- b. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
- c. The unit has to display and maintain the data online outside the factory main gate in Marathi & English both on a 6'x4' display board in the manner and the report of the compliance along with photograph shall be submitted to this office & concerned Regional Office/ Sub Regional Office

d. .It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundry Movement) Rules 2008

10. General conditions:

- (i) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, no. of trees surviving as on 31st March of the year and no. of trees planted by September end.
- (ii) The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he applicant and operate the same in case of power failure to maintain compliance with the terms and conditions of the consent. In the absence of same, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- (iii) The firm shall submit MPCB, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992 before 30th September every year.
- (iv) The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained. The applicant shall also submit a comparative statement of designed power and chemical consumptions vis-a-vis actual power and chemical consumption along with Environmental statement.
- (v) Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers down- stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- (vi) The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.

- (vii) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
11. Applicant shall ensure to implement mitigation measures mentioned in Environment Management Plan.
 12. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
 13. The applicant shall not change or alter quantity, quality, the rate of discharge, temperature or the mode of the effluent/ emissions or hazardous wastes or control equipments provided for without previous written permission of the Board.
 14. The applicant shall comply with the conditions of Environmental Clearance.
 15. This is issued pursuant to the decision of Consent Appraisal Committee meeting of the Board held on 12th March, 2013.
 16. You shall submit Bank Guarantee of Rs. 10/- Lakh in favor of Regional Officer Pune within 15 days towards operation & maintenance of pollution control system. The Bank Guarantee shall be valid up to 31/10/2015.
 17. The total capital Investment of the industry is Rs. 392.25/- Crore.


(Rajeev Kumar Mital IAS)
Member Secretary

To,
M/s. Ultratech Cement Limited,
Unit :1 & 2 Hotgi Cement Works
Near Hotgi Railway Station At-Hotgi,
Tal-Solapur, Dist - Solapur 413 215

Copy to:

- 1) Regional Officer, MPC Board, Pune
- 2) Sub Regional Officer, MPC Board, Solapur- They are directed to obtain the BG of Rs. 10/- Lakhs from the industry & submit the compliance report within one month period.
- 3) Chief Accounts Officer, MPC Board, Mumbai.
- 4) Cess Branch, MPC Board, Mumbai.
- 5) Master file.

S.No	DD. No.	DD. Dt.	Amount	Bank Name
1	047584	23/11/2012	Rs. 658503/-	HDFC Bank
2	046486	19/06/2012	Rs. 656540/-	HDFC Bank
3	000029	14.03.2013	Rs. 1131080/-	HDFC Bank