

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 24010437/24014701/24020781

Fax : 24024068/24023516

Website: <http://mpcb.gov.in>

E-Mail: jdair@mpcb.gov.in



KALPATARU POINT, 3rd Floor,
Sion-Matunga Scheme Rd. No.8,
Opp. Sion Circle, Sion (East),
Mumbai-400 022.

RED/LSI

Consent No. BO/JD(APC)/EIC No.CH-0920-12/R/CC-878 Date: 30/01/2012

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 Authorisation / Renewal of Authorisation under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary) Rules, 2008. [To be referred as Water Act, Air Act and HW (M,H & TM) Rules respectively].

CONSENT is hereby granted to,

**M/s ACC Ltd., (Captive Lime Stone Mine),
Govari Lime Stone Mine, Village-Govari,
Post-Sindola, Tal- Wani, Dist Yavatmal.**

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M&H) Rules and amendments thereto 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- 30.06.2013 or up to validity of mine lease period whichever is earlier.
2. The Consent is valid for the activity of Mining over an mining lease area of 558.9 ha.

| <u>Sr.No.</u> | <u>Product</u> | <u>Maximum Quantity</u> |
|---------------|----------------------|-------------------------|
| i) | Mining of Lime Stone | 28.9 Lakh Tones/Year |

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 1.5 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 27° C. Not to exceed 100 mg/l.
- (vi) Sewage Effluent Disposal: The treated domestic effluent shall be used on land for gardening / irrigation purpose only.
- (vii) Non-Hazardous Solid Wastes:

| Sr. No. | Type of waste | Quantity | Treatment | Disposal |
|---------|------------------------------|---------------------|-----------|--|
| 1. | Overburden & Reject Material | 2.89 lacs Ton/month | -- | Partly use for cement manufacturing and balance by dumping |

- (viii) Other conditions: The industry shall monitor effluent quality regularly.

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 Amended Rules, 2003 there under:
water consumption for the following categories is as under:

| Sr No | Consumption | Quantity |
|-------|--------------------------------------|----------|
| 1 | Domestic | 2.3 CMD |
| 2 | Mine Discharge | 3.0 CMD |
| 3 | Spraying, Workshop, dust Suppression | 31.0 CMD |
| 4 | Sand stowing | --- CMD |
| 5 | Other uses like gardening Etc | 20.0 CMD |

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) **Standards for Emissions of Air Pollutants:**

| | | | |
|------|-----------------|---------------|------------------------|
| (i) | TPM | Not to exceed | 150 mg/Nm ³ |
| (ii) | SO ₂ | Not to exceed | 80.0 Kg/Day |

(B) **Control Equipment:**

- (i) Lime stone/shale handling plant will be provided with Dust Collector and Automatic Water Sprinkler.
- (ii) Scientific spraying of water on all working area, dump area, stock piles with the help of appropriate dust suppression system.
- (iii) Lime stone/shale shall be properly covered during transportation.
- (iv) The applicant shall carry out tree plantation along road side, around dumps or Compulsory a forestation as per proposal approved by Forest Department. The tree plantation programme shall be taken up well in advance of the actual mining activity, so that green belt of sufficient width and height is developed between mining area/road and surrounding environment.
- (v) Black topped metal led roads shall be provided and well maintained to prevent dust formation.
- (vi) Overloading of dumpers shall be avoided to prevent spillages.
- (vii) Correct type and quantity of explosive shall be used to avoid excess dust formation and vibration in the surrounding area.
- (viii) The slope of the over burden shall have slope but not more than 28 degree to the horizontal. The overburden shall be properly covered by vegetation for Stabilization.
- (ix) Lime stone/shale transportation shall be done by installing conveyors wherever possible & mechanically covered closed trucks shall be used for transportation.

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

| <u>Sr.No.</u> | <u>Type of Fuel</u> | <u>Quantity</u> |
|---------------|---------------------|-----------------|
| 1. | HSD | 4.5 KL/day |

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

| <u>Sr.No.</u> | <u>Chimney attached to</u> | <u>Height in Mtrs.</u> |
|---------------|----------------------------|------------------------|
| ----- | | |

- (IV) The applicant shall provide minimum three ambient air quality monitoring stations within mining area which should be monitored for SPM, RSPM, SO₂, NO_x, HC, CO etc. The Annual Arithmetic Mean of minimum 104 measurements in a year taken twice a week 24 hourly at uniform interval shall conform to the National Ambient Air Quality Standards prescribed under Air (Prevention and Control of Pollution) Act, 1981 and Environment (Protection) Act, 1986. The

records of results of continuous monitoring done shall be made available for inspection to the officers of the Board.

- (V) The applicant shall take adequate measures for control of noise levels from its own Sources as follows:

| Sr.No. | Location | Permissible Norms [in dB(a)] | Desired minimum thickness of Green Belt |
|--------|--------------------------|---------------------------------|--|
| 1 | Along road | 65 (Commercial Area) | 20 |
| 2 | In Colonies | 55 (Residential Area) | 20 |
| 3 | Near Opencast Mines | 75 (Industrial Area) | 10 (*40) |
| 4 | Near CHPs | 75 | 30 |
| 5 | Near Shaft | 75 | 20 |
| 6 | Near Mine exhaust fan | 75 | >50 |

(* The Open Cast Mine needs to be surrounded by a green belt of sufficient width as per the guidelines of Design Institute Ltd. (A Subsidiary of Coal India Ltd.) if the residential complexes are very close).

(VI) **Other Conditions:**

- 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.

6. CONDITIONS UNDER HW (M,H &TM) RULES, 2008:

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

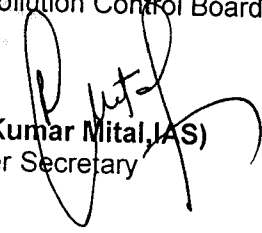
| Sr. No. | Item No. as per Sch-I | Type of Waste | Quantity | Disposal |
|---------|-----------------------|----------------|----------------|---------------------|
| 1 | 5.1 | Used/Spent Oil | 0.48 Ton/Annum | Authorized recycler |

7. General conditions:

- 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.
- 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.
- The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.** 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.
- 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.

15. This is issued pursuant to the decision of **Consent Committee Meeting** of the Board held on 18th January, 2013.
16. Industry shall implement mechanical close type transportation system for coal/mineral metal handling trucks and also introduce closed type conveyer belt transportation of coal/mineral metal from mines and upgrade the air pollution control system.
17. The applicant shall submit the irrevocable Bank Guarantee of Rs. 5.0/- Lakhs drawn in favour of RO, MPCB, Chandrapur, within 15 days, valid for one year period, towards O & M of pollution control system so as to achieve the consented standards.
18. This consent is issued with the overriding effect of the consent granted by Board vide no.BO/RO(P&P)/EIC No. CH-0311-10/O/CC-388 dated 11.11.2010.
19. Total Capital investment of the Mine is Rs. 36.95/- Crore.

For and On Behalf of the
Maharashtra Pollution Control Board,


(Rajeev Kumar Mital, JAS)
Member Secretary

To,
M/s ACC Ltd., (Captive Lime Stone Mine),
Govari Lime Stone Mine, Village-Govari,
Post-Sindola, Tal- Wani, Dist Yavatmal.

Copy to:

- 1) Regional Officer, MPCB, Chandrapur 2) Sub-Regional Officer, MPCB, Chandrapur.
They are directed to obtain BG of Rs.5.0/- Lakhs from the industry as per consent condition No.17 and submit the performance report along with the monitoring results within one month period.
- 3) Chief Accounts Officer, MPCB, Mumbai.

Received Consent fee of -

| Amount | DD No. | Date | Drawn on |
|-----------------|--------|------------|---------------------|
| Rs. 1,00,000/- | 175512 | 12/06/2010 | State Bank of India |
| Rs. 50,000/- | 175585 | 5/06/2010 | State Bank of India |
| Rs. 40,000/- | 175915 | 21/07/2010 | State Bank of India |
| Rs. 50,000/- | 291054 | 07/12/2011 | State Bank of India |
| Rs. 11,44,000/- | 291474 | 30/01/2012 | State Bank of India |

- 4) Cess Branch, MPCB.
- 5) Master file.