



GUJARAT POLLUTION CONTROL BOARD

Paryavaran Bhavan
Sector-10-A, Gandhinagar-382 010.
Phone : (079) 23226295
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By RPAD

CONSENT TO ESTABLISHMENT (NOC)

CTE - 44688

No. PC/CCA-KUTCH-75/GPCB ID: 17840/100989

Date: 03-01-2012

TO,

M/S GUJARAT MINERAL DEVELOPMENT CORPORATION LTD.

PLOT NO 221, 181 & 51,

LIGNITE PROJECT,

PANANDHRO,

TALUKA: LAKHPAT

DIST: KUTCH-370 601

SUB: **Consent to Establishment (NOC)** under Section 25 of Water Act- 1974 and Section 21 of Air Act 1981.

REF: Your CTE Application Inward ID no. 50987 dated 01/10/2011.

Sir,

Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution) Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board grants **Consent to Establish (NOC)** for setting up of an solar power plant within existing plant premises at **SURVEY NO: 221, 181 & 51, LIGNITE PROJECT, PANANDHRO TALUKA: LAKHPAT, DIST: KUTCH - 370 020.**

1. The validity period of this order shall be up to 29/08/2016.
2. The list of the additional proposed products to be manufacture is as below:

SR. NO.	PRODUCTS	CAPACITY
1.	SOLAR POWER PLANT	5.00 MW

SUBJECT TO THE FOLLOWING CONDITIONS:

1. You shall not carry out any activity that attracts the provisions of the EIA Notification -2006.
2. No ground water shall be used for the project coming under dark zone without permission of competent authority.

3. CONDITIONS UNDER WATER ACT 1974:

- 3.1 The quantity of the industrial effluent from the manufacturing process and other ancillary industrial operations shall be **NIL**. The entire effluent shall be recycled back into the process.
- 3.2 The quantity of Sewage effluent from the factory shall not exceed **200 Liter/day**.
- 3.3 Domestic effluent shall be disposed off through septic tank / soak pit system.

4. CONDITIONS UNDER AIR ACT 1981:

- 4.1 There shall be no use of fuel hence there shall be no flue gas emission from the manufacturing process and other ancillary industrial operation.
- 4.2 There shall be no process emission from the manufacturing process as well as other ancillary industrial operation.
- 4.3 Ambient air quality within and out side the premises of the unit shall conform National Ambient Air Quality Standards notified by MOEF vide notification dated 16/11/2009 and mainly to the following standards: -

Sr. No.	Pollutant	Time Weighted Average	Concentration in Ambient air in $\mu\text{g}/\text{M}^3$
1.	Sulphur Dioxide (SO_2),	Annual	50
		24 Hours	80
2.	Nitrogen Dioxide (NO_2),	Annual	40
		24 Hours	80
3.	Particulate Matter (Size less than $10 \mu\text{m}$) OR PM_{10}	Annual	60
		24 Hours	100
4.	Particulate Matter (Size less than $2.5 \mu\text{m}$) OR $\text{PM}_{2.5}$	Annual	40
		24 Hours	60

- 4.4 All required measure shall be taken for Air Pollution Control before commencing the proposed project
- 4.5 The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75dB(a) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.

5. CONDITIONS UNDER HAZARDOUS WASTE:

- 5.1 Applicant shall have to comply with provisions of Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008 as amended from time to time.
- 5.2 The applicant shall obtain membership of common TSDF site for disposal of Hazardous Waste as categorized in Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008 as amended from time to time.

6. GENERAL CONDITION:

- 6.1 Unit shall develop green belt within premises as per the CPCB guidelines. However, if the adequate land is not available within premises, the unit shall tie up with local agencies like gram panchayat, school, social forestry office etc. for the plantation at suitable open land in nearby locality and submit an action plan of plantation for next three years to GPCB.
- 6.2 Plantation should be started along with constitution activity. For plantation within the premises, a spacing of at least 4m x 4m shall be kept i.e. to say 250 plants per acre shall be plantation. For plantation out side the premises a spacing of 2m x 2m will be kept i.e. to say 1000 plants per acre.



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- 6.3 Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 10 meters width is developed.
- 6.4 The applicant shall have to submit the returns in prescribed form regarding water consumption and shall have to make payment of water cess to the Board under the Water Cess Act- 1977.
- 6.5 In case of change of ownership/management the name and address of the new owners/partners/directors/proprietor should immediately be intimated to the Board.
- 6.6 **The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to this Board for this purpose in the prescribed forms under the provisions of the Water Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986.**
- 6.7 The applicant also comply with the General conditions as per Annexure - I attached herewith (No.1 to 38) (whichever applicable).
- 6.8 The over all noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering control like acoustic insulation hoods, silencers, enclosures etc on all sources of noise generation. The ambient noise level shall conform to the standards prescribed under the Environment (Protection) Act, 1986 & Rules.
- 6.9 Applicant is required to comply with the manufacturing, Storage and Import of Hazardous Chemicals Rules-1989 framed under the Environment (Protection) Act-1986.
- 6.10 If it is established by any competent authority that the damage is caused due to their industrial activities to any person or his property, in that case they are obliged to pay the compensation as determined by the competent authority.
- 6.11 Applicant shall have to comply with all the guidelines/Directive issued/ being issued by MoEF/CPCB/DoEF from time to time.
- 6.12 Applicant shall not use/withdraw ground water either during construction and /or operation phase.
- 6.13 Environmental cell shall be setup and shall be responsible for the total Environmental management.
- 6.14 Monitoring in respect to Air, Water, Noise level shall be carried out regularly and results shall be submitted to this Board.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD


(V.R.GHADGE) 21/1/2012

SENIOR ENVIRONMENTAL ENGINEER