



ANDHRA PRADESH POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
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REGD.POST WITH ACK.DUE

CONSENT ORDER FOR ESTABLISHMENT

Order No.APPCB/VJA/GTR/748/HO/CFE/2007-525 Dt.08 .06.2007

Sub: PCB - CFE - M/s. Parasakti Cement Industries Ltd., (Cement Division), Jettipalem (V), Rentachintala (M), Guntur District - Consent for Establishment (Expansion) of the Board under Sec.25 of Water (P & C of P) Act, 1974 and Under Sec.21 of Air (P&C of P) Act, 1981 - Issued - Reg.

- Ref:
- 1) Public hearing conducted on 20.12.2006 at MPUP School, Jettipalem (V), Rentachintala (M), Guntur district.
 - 2) Industry's application received through SWCC on 01.05.2007
 - 3) R.O's inspection report dt. 9.5.2007
 - 4) Industry's lr.dt. 21.5.2007
 - 5) CFE Clearance Committee meeting held on 23.05.2007

1. In the reference 1st cited, an application was submitted to the Board seeking Consent for Establishment (CFE) for expansion of Cement plant with installed capacities as mentioned below, with a project cost of Rs.135 Crores.

Sl. No.	Products	Existing	Proposed
1.	Cement (OPC / CPC)	0.297 Mil. TPA	1.26 Mil. TPA (3818 TPD)
2.	Clinker	0.280 Mil TPA	1.20 Mil TPA

2. As per the application, the above activity is to be located within the existing premises located at Jettipalem (V), Rentachintala (M), Guntur Dist.
3. The above site was inspected by the Environmental Engineer, Regional office, Guntur, A.P Pollution Control Board on 8.5.2007 and found that the site is surrounded by

North : Staff Colony
South : Existing Mines
East : Approach Road to Mines
West : Vacant land followed by Road

4. The Board, after careful scrutiny of the application and verification report of Regional Officer, hereby issues CONSENT FOR ESTABLISHMENT (Expansion) to your activity Under Section 25 of Water (Prevention & Control of Pollution) Act 1974 and Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and the rules made there under. **This order is issued to manufacture the product as mentioned at para (1) only.**
5. This Consent Order now issued is subject to the conditions mentioned in Schedule 'A' and Schedule 'B'.

entered
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6. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.

Encl: Schedule 'A'
Schedule 'B'

Sd/-
MEMBER SECRETARY

To
M/s. Parasakti Cements Industries Ltd.,
(Cement Division),
301, 3rd floor, Manjeera Square,
Ameerpet, Hyderabad – 500 038.

/// T.C.F.B.O///


JOINT CHIEF ENVIRONMENTAL ENGINEER (CFE)

12/6/07

SCHEDULE - A

1. Progress on implementation of the project shall be reported to the Regional Office, Guntur, A.P. Pollution Control Board once in six months.
2. Separate energy meters shall be provided for Sewage Treatment Plant (STP) and Air pollution Control equipments to record energy consumed.
3. The proponent shall obtain Consents for operation from APPCB, as required Under Sec.25/26 of the Water (P&C of P) Act, 1974 and under sec. 21/22 of the Air (P&C of P) Act, 1981, before commencement of the activity.
4. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves its right and power Under Sec.27(2) of Water (Prevention and Control of Pollution) Act, 1974 and Under Sec.21(4) of Air (Prevention and Control of Pollution) Act, 1981 to review any or all the conditions imposed herein and to make such alternation as deemed fit and stipulate any additional conditions by the Board.
5. The consent of the Board shall be exhibited in the factory premises at a conspicuous place for the information of the inspecting officers of different departments.
6. Compensation is to be paid for any environmental damage caused by it, as fixed by the Collector and District Magistrate as civil liability.
7. Floor washing shall be admitted into the effluent collection system only and shall not be allowed to find their way in storm drains or open areas. The industry shall maintain a good housekeeping. All pipe valves, sewers, drains shall be leak proof.
8. Rain Water Harvesting (RWH) structure (s) shall be established on the plant site. The proponent shall ensure that effluent shall not enter the Rain Water harvesting structure.
9. The rules and regulations notified by Ministry of Law and Justice, GOI, regarding the Public liability insurance Act, 1991 shall be followed.
10. This order is valid for period of 5 years from the date of issue. ✓

SCHEDULE - B

Water:

1. The source of water is borewell and the maximum permitted water consumption is 385 KLD.
2. The Sewage Treatment Plant (STP) shall be constructed and commissioned and Air Pollution control equipment shall be installed along with the commissioning of the activity. All the units of the STP shall be impervious to prevent ground water pollution.
3. The effluents shall be treated to the on land for irrigation standards, stipulated under Environment (Protection) Rules, 1986, notified and published by Ministry of Environment and Forests, Government of India as specified in schedule VI vide G.S.R.422 (E), dt.19.05.1993 and its amendments thereof.

4. The maximum Waste Water Generation (KLD) shall not exceed the following:

Sl. No.	Purpose	Wastewater Generation (KLD)	Disposal
1)	Domestic	100.0	STP - On land for development of Green belt

5. Separate meters with necessary pipe-line shall be provided for assessing the quantity of water used for each of the purposes mentioned below.
- Industrial cooling and boiler feed.
 - Domestic purposes.

Air:

6. The proponent shall comply with the following for controlling air pollution.

Sl. No	Source	Stack height (m)	Pollution control equipment	Standard for SPM
1	Raw mill / Kiln	90	Bag house	50 mg/NM3
2	Clinker cooler	30	ESP	
3	Coal mill	40	Bag filter	
4	Cement Mill -II	40	ESP	

7. The total dust from all sections shall not exceed 250 mg/Nm³.
8. The proponent shall install control equipment (bag filters) at appropriate points such as transfer points, conveyors, silos, hopper etc., to control fugitive emissions.
9. On line monitors shall be installed to record the concentration of pollutants in the emissions.
10. The following measures shall be undertaken to control fugitive emissions:
- Asphaltting or concreting of the work area.
 - Careful unloading of materials by avoiding dropping of material from height.
 - Wetting of material by sprinkling water while unloading
 - Water spray arrangement all round the coal stock piles
 - Wetting of coal while compacting
 - Adequate ventilation and dust suppression systems in coal conveyor systems.
11. A sampling port with removable dummy of not less than 15 cm diameter shall be provided in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc. A platform with suitable ladder shall be provided below 1 meter of sampling port to accommodate three persons with instruments. A 15 AMP 250 V plug point shall be provided on the platform.
12. The proponent shall provide interlocking system between air pollution control equipments and raw material feeding system so that the feeding of raw material would be stopped incase the air pollution control equipments fails.

Solid Waste:

13. The proponent shall comply with the following:

Sl.no.	Solid waste	Quantity	Mode of disposal
1	STP (Sludge)	10 T/Year	Used as Manure

14. The Hazardous waste (Management and Handling), Rules,1989 and regulations notified by the MOE&F, GOI shall be implemented.

Other Conditions:

15. Green belt shall be maintained along the boundary of the industry and in all vacant places.
16. The recommendations / commitments made during the Public Hearing held on 20.12.2006 at MPUP School, Jettipalem (V), Rentachintala (M), Guntur district shall explicitly be followed from pollution control point of view.
17. The industry shall obtain prior Environmental Clearance from MOE&F, GOI as per EIA Notification,2006 before starting construction / developmental activity.
18. The industry shall make adequate provisions in the kiln to handle hazardous waste also.

Sd/-
MEMBER SECRETARY

To
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(Cement Division),
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