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CONSENT ORDER FOR ESTABLISHMENT

Order.No.APPCB/KNL/KNL/193/CFE/HO/2007 -1699

Dt.26.10.2007

Sub: PCB - CFE - M/s. **Penna Cement Industries Ltd., (Cement Division)**
Talaricheruvu (V), Tadipatri (M), Anantapur 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 06.05.2007 at Talaricheruvu (V),
Tadipatri (M), Anantapur district.
2) Industry's application received through SWCC on 26.7.2007
3) R.O's inspection report dt. 21.8.2007.
4) CFE Clearance Committee meeting held on 15.10.2007

1. In the reference 1st cited, an application was submitted to the Board seeking
Consent for Establishment (CFE) (**expansion**) to increase the production of
capacity of Cement plant to produce the following products with installed
capacities as mentioned below, with an additional investment of Rs. 22.0 crores

Sl. No.	Products	Existing (million TPA)	After Expansion (million TPA)
1.	Ordinary Portland cement	1.50	2.20
2.	Portland Slag Cement		
3.	Portland Pozzalona cement		
4.	Clinker (Unit I & II)	0.85	1.45

2. As per the application, the above activity is to be located within the existing
premises located at Sy.No.619 to 625, 627 to 634, Talaricheruvu (V), Tadipatri
(M), Anantapur district.
3. The above site was inspected by the Environmental Engineer and Assi.
Environmental Engineer-II, Regional office, Kurnool, A.P Pollution Control Board
on 13.6.2007 and found that the site is surrounded by

North : Mines
South : Colony
East : Agricultural lands
West : Neem garden.

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 produce the products as
mentioned at para (1) only.**

5. This Consent Order now issued is subject to the conditions mentioned in
Schedule 'A' and Schedule 'B'.

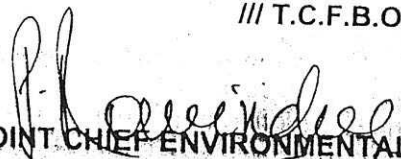
6. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.

Encl: Schedule 'A'
Schedule 'B'

Sd/-
MEMBER SECRETARY

To
M/s. Penna Cement Industries Ltd.,
(Cement Plant at Talaricheruvu),
703, Sriniketan colony, Road No.3,
Banjara Hills, Hyderabad.

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


4-10-07
JOINT CHIEF ENVIRONMENTAL ENGINEER(CFE)
30/10/07

SCHEDULE - A

1. Progress on implementation of the project shall be reported to the Regional Office, Kurnool, A.P. Pollution Control Board once in six months.
2. Separate energy meters shall be provided for Effluent Treatment Plant (ETP) 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 Bore wells and mine pits and the maximum permitted water consumption after expansion is 506.0 KLD.
2. 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 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) after expansion shall not exceed the following:

Sl. No.	Description	Quantity (KLD)	Mode of final disposal:
1	Cooling	13	Reused
2	Domestic	215	On land for gardening after treatment in STP
	Total	228	

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
- Domestic purposes.

Air:

6. The existing control equipment shall be upgraded to control air pollution even after expansion to meet the standards prescribed by the Board.
7. The proponent shall comply with the following for controlling air pollution.

Source	Control Equipment
Raw mill – III	Bag filters followed by 34 m stack.

Details of fugitive emissions:

Source	Control Equipment
Coal yard, limestone, stock pile, transfer points, vehicular movement	Bag filters shall be provided at transfer points, cement road laid down in the premises.
Material handling	Dust suppression by water sprinklers.

8. SPM Concentration in emission from the Kiln including grinding units shall not exceed 50 mg/Nm³. SPM concentration from all the sections shall not exceed 250 mg/Nm³.
9. 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.
10. 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.

11. The generator shall be installed in a closed area with a silencer and suitable noise absorption systems. The ambient noise level shall not exceed 75 dB(A) during day time and 70 dB(A) during night time.

Solid Waste:

12. The proponent shall comply with the following:

Sl. No	Sold waste generated from	Quantity	Method of disposal
1	D.G. Sets, mill gears & gear boxes	7 TPA	Oil & oil sludge is fired in the kiln and waste grease used for conveyor wheel & chains.
2	STP	5 TPM	Used as manure
3	Dust collected in air pollution control equipments	2 TPA	Recycled in the process

13. Provisions shall be made in the kiln to burn high calorific hazardous waste.
14. The following rules and regulations notified by the MOE&F, GOI shall be implemented.
- a) Hazardous waste (Management and Handling), Rules, 1989
 - b) Manufacture, storage and import of hazardous chemicals Rules, 1989.

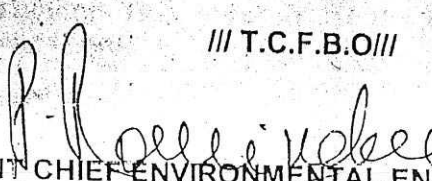
Other Conditions:

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 06.05.2007 at Talaricheruvu (V), Tadipatri (M), Anantapur district shall explicitly be followed from pollution control point of view.
17. The proponent shall obtain Environmental Clearance from MOE&F, GOI as per EIA Notification, 2006.

Sd/-
MEMBER SECRETARY

To
M/s. Penna Cement Industries Ltd.,
(Cement Plant at Talaricheruvu),
703, Sriniketan colony, Road No.3,
Banjara Hills, Hyderabad.

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