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CONSENT ORDER FOR ESTABLISHMENT

Order No. 214 /PCB/CFE/RO-NLR/HO/2015

Dt. 06.11.2015

Sub: PCB - CFE - M/s. Penna Cement Industries Limited, (Cement grinding unit), Sy No.684, 687 to 690, Krishnapatnam Port Co., Ltd., area, Muthukur (M), SPS Nellore District - Consent for Establishment (CFE) 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. Environmental Clearance dt. 13.01.2015 issued by SEIAA, AP.
 2. Industry's application received on 06.02.2015 through COI, Hyderabad, dt. 05.02.2015.
 3. EE, RO, Nellore report dt. 12.02.2015.
 4. CFE Committee meeting held on 04.03.2015.
 5. T.O. Ir. dt.19.03.2015.
 6. Proponent's Ir. dt.22.04.2015.
 7. RO's report dt.08.05.2015.
 8. CFE Committee meeting held on 13.05.2015.
 9. T.O. Ir. dt. 26.05.2015.
 10. Proponent's Ir. dt. 20.06.2015., 31.07.2015 & 10.09.2015.
 11. R.O: Nellore report dt. 03.07.2015.
 12. Proponent's Lrs. dt 31.07.2015 & 10.09.2015.
 13. CFE Committee meeting held on 22.09.2015.
 14. T.O. Ir. dt. 03.10.2015.
 15. Proponent's Lrs dt. 13.10.2015 & 26.10.2015.

1. In the reference 2nd cited, an application was submitted to the Board seeking Consent for Establishment (CFE) to set up a cement grinding unit to produce the following products with an investment of Rs. 250.0 crores.

Products	Quantity
Portland Puzzolana Cement (PPC) & Ordinary Portland Cement (OPC)	5500 TPD or 2.0 Million Tons / Annum

2. As per the application, the above activity is to be located at Sy No. 684, 687 to 690, Krishnapatnam Port Co., Ltd., area, Krishnapatnam (V), Muthukur (M), SPS Nellore District in the total area of 15 acres
3. The above site was inspected by the Environmental Engineer, Regional Office, Nellore, A.P Pollution Control Board on 09.02.2014, 04.05.2015, 30.06.2015 & 03.07.2015 and found that the site is surrounded by

- North** : Vacant land and lands of salt pans which are proposed to be acquired by Krishnapatnam Port authorities.
- South** : Vacant land of the Krishnapatnam port authorities used as lorry parking area.
- East** : Piece of land left by the Port followed by Buckingham canal.
- West** : Vacant land followed by Gopalapuram village at a distance of about 850 m

The co-ordinates of the proposed site are as following:

Point	Latitude	Longitude
1	14° 16' 16.716" N	80° 6' 55.296" E
2	14° 16' 18.732" N	80° 6' 58.148" E
3	14° 16' 21.396" N	80° 6' 51.624" E
4	14° 16' 25.392" N	80° 6' 51.084" E
5	14° 16' 28.272" N	80° 6' 53.136" E
6	14° 16' 25.788" N	80° 6' 59.436" E
7	14° 16' 22.692" N	80° 6' 58.716" E

4. The Board, after careful scrutiny of the application and verification report of Regional Officer and recommendations of the CFE Committee, hereby issues **CONSENT FOR ESTABLISHMENT** to your unit 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 activity 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 Limited,
Plot No.705, Lakshmi Nivas,
Road No.3, Banjara Hills,
Hyderabad – 500 034.
deepankar.d@pennacement.com

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Jt. Chief Environmental Engineer (UH-1)

SCHEDULE - A

1. Progress on implementation of the project shall be reported to the concerned Regional Office, A.P. Pollution Control Board.
2. Separate energy meters shall be provided for Air pollution Control equipments to record energy consumed.
3. The proponent shall obtain Consents for Operation (CFO) 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. 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.
8. The rules and regulations notified by Ministry of Law and Justice, GOI, regarding the Public Liability Insurance Act, 1991 shall be followed.
9. This order is valid for period of 5 years from the date of issue.

SCHEDULE - B

Water:

1. The source of water is Krishnapatnam Port Co., Ltd., and the maximum permitted water consumption is as following:

S. No.	Purpose	Quantity (KLD)
1	Domestic	10.0
2	For other use (Dust suppression etc.)	70.0
Total		80.0

2. The maximum waste water generation shall not exceed the following:

Sl. No.	Source	Quantity (KLD)
1.	Domestic	8.0
Total		8.0

Treatment & Disposal:

Effluent source	Treatment proposed	Mode of final disposal
Domestic effluents	Septic Tank	Soak pit

3. Separate magnetic flow meters with totalisers to necessary pipe-line shall be provided for assessing the quantity of water used for each of the purposes mentioned below.
 - a) Dust suppression.
 - b) Domestic purposes.

Air:

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

Source	Control Equipment	Stack height
Clinker grinding unit	Bag Filters	50m

5. Bag filters shall be designed such that 25% of additional capacity is available as spare to meet the emergency requirements.
6. The industry shall provide concrete roads in the plant to avoid the fugitive dust emissions. Vacuum / pneumatic dust collection system shall be used for cleaning the internal roads.
7. The proponent shall ensure compliance of the National Ambient Air quality standards notified by MOE&F, GOI vide notification No. GSR 826(E), dated. 16.11.2009, during construction and regular operational phase of the project.
8. 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.
9. The proponent shall provide interlocking system for air pollution control equipments provided with raw material feeding system so that the feeding of raw material would be stopped incase the air pollution control equipments fails.
10. 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:

11. The proponent shall comply with the following:

S. No.	Solid / Hazardous waste	Quantity	Method of disposal
1)	Dust from the process	Actuals	Recycled back into the process
2)	Waste oil from machineries	1 Barrel (200 ltr/annum)	Dispose to authorized recyclers.

12. The following rules and regulations notified by the MoE&F, GoI shall be implemented.
- a) Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989.
- b) Hazardous waste (Management, Handling and Transboundary Movement) Rules, 2008.
- c) Batteries (Management & Handling) Rules, 2010.
- d) E-Waste (Management & Handling) Rules, 2011.

Other Conditions:


13. The proponent shall obtain necessary amendment to EC for new location of the industry.
14. Green belt shall be developed in an area of 8.24 acres out of total area of 15 acres as committed and as mentioned in the site layout plan submitted vide Ir. dt. 26.10.2015.
15. The over all noise levels in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc., on all sources of noise generation.
16. The proponent shall ensure that there shall not be any change in the process technology and scope of working without prior approval from the Board.

17. Concealing the factual data or submission of false information/ fabricated data and failure to comply with any of the conditions mentioned in this order attracts action under the provisions of relevant pollution control Acts.
18. The Board reserves its right to modify above conditions or stipulate new / additional conditions and to take action including revoke of this order in the interest of environment protection.
19. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules, 1982, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of Water (Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.

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