



ANDHRA PRADESH POLLUTION CONTROL BOARD
D. No. 33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre,
Chalamalavari Street, Kasturibaipet, Vijayawada – 520 010
Website: www.appcb.ap.nic.in

**RED CATEGORY
CONSENT & AUTHORIZATION ORDER
BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE**

Consent Order No: APPCB/VJA/NLR/214/CFO/HO/2018-

04/05/2018

CONSENT is hereby granted for Operation under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation under Rule 6 of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 & Amendments thereof and the rules and orders made there under (hereinafter referred to as 'the Acts', 'the Rules') to:

**M/s. Penna Cement Industries Limited (Cement Grinding Unit),
Sy. Nos. 684, 687 to 690, Krishnapatnam Village,
Muthukur Mandal, SPSR Nellore District – 524 344, A.P
E-mail: dlkantham@pennacement.com**

(Hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of emissions per hour from the chimneys as detailed below:

i. Outlets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1	Domestic effluents	8. 0 KLD	Septic tank followed by a soak pit.

ii) Emissions from chimneys:

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow (m ³ /hr)
1	Stack attached to clinker grinding unit	--

iii) Hazardous Waste Authorisation (Form – II) [See Rule 6 (2)]:

M/s. Penna Cement Industries Limited (Cement Grinding Unit), SPSR Nellore District is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

• Hazardous Wastes With Disposal Option:

S. No	Name of Hazardous Waste	Stream	Quantity	Method of disposal
1.	Waste oil	5.1 of Schedule - I	1 Barrel (200lr/annum)	Dispose to authorized recyclers.



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This consent order is valid for the following products along with quantities indicated only:

S. No	Product	Quantity
1.	Portland Puzzolana Cement (PPC) & Ordinary Portland Cement (OPC)	5500 TPD or 2.0 Million Tons / Annum

This order is subject to the provisions of 'the Acts' and the Rules' and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This combined order of consent & Hazardous Waste Authorization shall be valid for a period ending with the 31st March, 2023.

**BANDLA SIVA SANKARA PRASAD, MS(BSSP), O/o MEMBER SECRETARY-
APPCB**

To

**M/s. Penna Cement Industries Limited (Cement Grinding Unit),
Sy. Nos. 684, 687 to 690, Krishnapatnam Village,
Muthukur Mandal, SPSR Nellore District – 524 344, A.P**

Copy to:

1. The JCEE, **ZO: Vijayawada** for information and necessary action.
2. The JCEE (**UH: II**), APPCB, **Vijayawada** for information.
3. The EE, **RO: Nellore** for information and necessary action.

SCHEDULE-A

1. Any up-set condition in any industrial plant / activity of the industry, which result in, increased effluent / emission discharge and/ or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge / emission below the limits.
2. The industry shall carryout analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board.
3. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed as applicable.
4. The industry shall put up two sign boards (6x4 ft. each) at publicly visible places at the main gate indicating the products, effluent discharge standards, air emission standards, hazardous waste quantities and validity of CFO and exhibit the CFO order at a prominent place in the factory premises.
5. Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.
6. The industry shall file the water cess returns in Form-I as required under section (5) of Water



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(Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month along with water meter readings. The industry shall remit water cess as per the assessment orders as and when issued by Board.

7. The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E (P) Rules, 1986 & amendments thereof.
8. The applicant shall make applications through Online for renewal of Consent (under Water and Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts and detailed compliance of CFO conditions for obtaining Consent & HW Authorization of the Board. The industry should immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board. The person authorized shall not let out the premises / lend / sell / transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.
9. 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 Appellate authority constituted under Section 28 of the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1981.

SCHEDULE-B

Water Pollution:

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

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

Separate meters with necessary pipe-line shall be maintained for assessing the quantity of water used for each of the purposes mentioned above for Cess assessment purpose.

Air Pollution:

2. The emissions shall not contain constituents in excess of the prescribed limits mentioned below:

Chimney No.	Parameter	Emission Standards
From 01.06.2016 (As per GSR 612 (E) dated 25.08.2014)		
1	Particulate Matter	30 mg/Nm ³
	SO ₂	100 mg/Nm ³
	NO ₂	800 mg/Nm ³

3. The industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10mm) - 100 mg/ m³; PM2.5 (Particulate Matter size less than 2.5 mm) - 60 mg/ m³; SO₂ - 80 mg/ m³; NO_x - 80 mg/m³, outside the factory premises at the periphery of the industry.



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Standards for other parameters as mentioned in the National Ambient Air Quality Standards
CPCB Notification No.B-29016/20/90/PCI-J, dated 18.11.2009.

Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A)

Night time (10 PM to 6 AM) - 70 dB (A)

4. The industry shall comply with emission limits for DG sets of capacity upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets of capacity more than 800 KW shall comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.
5. Bag filters shall be designed such that 25% of additional capacity is available as spare to meet the emergency requirements.
6. 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.
7. 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.
8. 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 in case the air pollution control equipments fails.
9. The overall 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.
10. The industry shall provide tube conveyor for carrying clinker from the Hopper to silo to control dust pollution on the surroundings in view of the close proximity to sea coast.

General:

11. The industry shall maintain flow meters preferably Electro Magnetic flow meters with totalisers for water and effluent quantity measurements for different streams of effluents and different categories of water usage stipulated in this order.
12. The drums containing chemicals / solvents shall be stored under a roof on elevated platform with a provision to collect leakages / spillages in the collection pit.
13. The industry install online continuous effluent and emission monitoring systems and connect monitoring system to APPCB/CPCB websites as per CPCB directions dated 05.02.2014. The online monitoring system shall be calibrated periodically as per equipment suppliers manual / CPCB guidelines.
14. The industry shall maintain the following records and the same shall be made available to the inspecting officers of the Board:
 - a. Daily production details (ER-1 Central Excise Returns).
 - b. Quantity of Effluents generated, treated, recycled/reused and disposed.
 - c. Log Books for pollution control systems.
 - d. Characteristics of ambient air, effluents and emissions.
 - e. Hazardous/non hazardous solid waste generated and disposed.



- f. Inspection book.
g. Manifest copies of effluents / hazardous waste.

15. The industry shall dispose solid waste (NON HAZARDOUS) as follows

S. No	Name of the Solid Waste	Quantity	Disposal
1. -	Dust from the process	Actuals	Recycled back into the process

16. 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.
17. 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.
18. 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.
19. The industry shall provide mechanical water sprinkling arrangement on the back sides of the roads to put in wet condition so as to mitigate fugitive dust pollution during vehicular movement.
20. The industry shall develop 20mtrs width green belt at all four sides of the industry to meet the Board's sitting guidelines stipulated for clinker grinding units.
21. 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 lr. dt. 26.10.2015.
22. The industry shall install online monitoring systems and connect monitoring system to APPCB/CPCB websites as per CPCB directions dated 05.02.2014 & 02.03.2015 and guidelines issued regarding online monitoring systems from time to time.
23. The industry shall submit a copy of policy of Public Liability Insurance (PLI) duly indicating the amount contributed towards Environmental Relief Fund (ERF) to the RO once in six months.
24. The industry shall comply with standards and directions issued by CPCB / MoEF&CC as and when notifications are issued.
25. The industry shall submit compliance report on the conditions mentioned in the consent order every six months i.e., on 1st of January and July of every year to the Regional Office/ Zonal Office.

SCHEDULE – C

[See rule 6 (2)]

**[CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR
HANDLING HAZARDOUS WASTES]**

1. All the rules and regulations notified by Ministry of Environment and Forests, Government of India under the E (P) Act, 1986 in respect of management, handling, transportation and storage of the Hazardous wastes should be followed.
2. The industry shall not store hazardous waste for more than 90 days as per the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
3. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal to the manufacturers / dealers on buyback basis.
4. The industry shall maintain 7 copy manifest system for transportation of waste generated and a copy shall be submitted to concerned Regional Office of APPCB. The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed in case of an emergency during transit. The transporter should carry a Transport Emergency (TREM) Card.
5. The industry shall maintain proper records for Hazardous and Other Wastes stated in



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Authorisation in FORM-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form- 4 as per Rule 20 (2) of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.

**BANDLA SIVA SANKARA PRASAD, MS(BSSP), O/o MEMBER SECRETARY-
APPCB**

To

**M/s. Penna Cement Industries Limited (Cement Grinding Unit),
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