



ANDHRA PRADESH POLLUTION CONTROL BOARD

Paryavarana Bhavan, A-III, Industrial Estate,
Sanathnagar, Hyderabad-500 018
Phone : 040-23887500, Website: www.appcb.ap.nic.in

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

Consent Order No: APPCB/VJA/VJA/488/HO/CFO/2017-

Date: 04.04.2017

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. The Ramco Cements Limited, (Expansion)
Sy .No. 235, 236, 238, 240, etc. Kumarasamy Raja Nagar,
Jaggiahpet, Krishna District – 521 457, A.P
Email: mcljpm@ramcocements.co.in

(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 After Expansion	Point of Disposal
1	Boiler blow down, cooling bleed off & RO and DM Plant rejects	1439 KLD	After treatment, used for greenbelt and dust suppression

(ii) Emissions from chimneys: Nil

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

M/s. The Ramco Cements Limited, (Expansion), Krishna 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.	Used lead acid batteries	--	200 No's/Annum	To authorized dealers on buy back basis.

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

S. No	Product	Quantity
1.	Clinker for export to other units	0.385 Million TPA
2.	Electricity	6 MW

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 January, 2022.

Sd/-
MEMBER SECRETARY

To
M/s. The Ramco Cements Limited, (Expansion)
Sy .No. 235, 236, 238, 240, etc. Kumarasamy Raja Nagar,
Jaggiahpet, Krishna District – 521 457, A.P

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

Ullas 12/5/12
Joint Chief Environmental Engineer
✓ (UH: IV)

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 should 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 should 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. Not withstanding 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 (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 should 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 should 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 industry shall comply the following effluent standards based on the disposal points permitted:

Outlet	Parameter	Concentration
1	pH	5.5 - 9.0
	Suspended Solids	100 mg/l
	Oil and Grease	10 mg/l
	BOD	100 mg/l
	Temperature	not more than 5°C higher than the intake water temperature

2. The source of water being Ground water. The following is the permitted water consumption:

S. No	Purpose	Quantity After Expansion
1.	Boiler feed, cooling make up, UF & RO and DM Plant	5980 KLD
	Total	5980 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.

3. Under no circumstances the waste water shall be discharged outside the factory premises.

Air Pollution:

4. The Industry shall comply with standards notified by the MoEF&CC, GOI in the G.S.R.612 (E) dt. 25.08.2014 and G.S.R. 496 (E) dt. 09.05.2016 as stipulated in Environment (Protection) Fifth Amendment Rules, 2014 and Fourth Amendment Rules, 2016 respectively as applicable.

Cement plant without co-processing	Parameter	Emission Standards
	Particulate Matter	30 mg/Nm ³
	SO ₂	100 mg/Nm ³ for pyritic sulphur in limestone <0.25% 700 mg/Nm ³ for pyritic sulphur in limestone 0.25 – 0.5% 1000 mg/Nm ³ for pyritic sulphur in limestone >0.5%
	NO _x	600 mg/Nm ³

Particulate matter from raw mill, kiln and pre-calciner system put together shall not exceed 0.125 Kg/tonne of clinker (with effect from 01.01.2017)

5. The fugitive emission sources are as below:

S. No	Sources of Pollution
1	Limestone conveyors
2	Additive conveyors
3	Coal conveyors
4	Clinker conveyors
5	Raw Mill Hoppers

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

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

7. 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.

8. The industry shall not store coal or any other raw material in open area.
9. The industry shall maintain concrete roads in the plant to avoid the fugitive dust emissions. Vacuum / pneumatic dust collection system shall be used for cleaning the internal roads.

General:

10. 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.
11. The industry install online continuous 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.
12. Existing greenbelt in an area 130.24 Ha shall not be disturbed.
13. 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 hazardous waste.
14. The industry shall dispose solid waste (NON HAZARDOUS) as follows

S. No	Name of the Solid Waste	Quantity	Disposal
1.	Boiler Ash	172.8 TPD	Used in cement manufacturing.
2.	STP sludge	10 TPA	Used as manure after composting.

15. The industry shall comply with standards and directions issued by CPCB / MoEF & CC as and when notifications are issued.
16. 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 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.

Sd/-
MEMBER SECRETARY

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

Wao
24/8/17
Joint Chief Environmental Engineer
✓(UH: IV)