



BY REGD. POST WITH ACK. DUE
RENEWAL OF CONSENT ORDER

Consent Order No. : APPCB/VIA/GTR/25379/CFO/HO/2015 3579 **Date : 22.08.2015**

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act,1974 and amendments thereof and Operation of the plant under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof).

CONSENT is hereby granted 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 (hereinafter referred to as 'the Acts') and the rules and orders made there under to

M/s. Parasakti Cement Industries Ltd., (Mines),
Jattipalem (V) & Post,
Rentachintala (M),
Guntur District .
 E-mail: accounts@parasakti.com

The industry shall handover the original Consent order No. APPCB/VJA/GTR/25379/CFO/HO/2012-2934, dated 01.10.2012, having validity upto 31.10.2015, to the RO, Guntur after receipt of this order. The earlier CFO order dated 01.10.2012 stands cancelled from the date of receipt of this order.

(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 :

Outlets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
Mine Lease Area - I			
1.	Workshop	2.0 KLD	On land for green belt development.
2.	Domestic Effluents	2.4 KLD	Septic tank followed by soak pit.
Mine Lease Area - II			
1.	Domestic Effluents	0.8 KLD	Septic tank followed by soak pit.

Effluent Plantation
 2 KLD
 3.2 KLD Total Effluent
 0.8 KLD } Domestic
 2.4 KLD } Effluent.
 (2 + 3.2 KLD) = 5.2 KLD
 Effluent.

This order is subject to the provisions of the Acts and orders made there under and further subject to the terms and conditions incorporated in the schedule A and B enclosed to this order.

This consent order is valid for mining of Lime Stone in Mine Lease Area - I (180.29 Ha) & Mine Lease Area - II (132.27 Ha) with quantities indicated below only :

S. No.	Product	Quantity
1	Lime Stone Mining Mine Lease Area I - (1.6 MTPA) Mine Lease Area II - (0.2 MTPA)	1.8 Million Tons Per Annum

This consent shall be valid for a period ending with the 31st day of October 2020.

Sd/-
 MEMBER SECRETARY

To
 M/s. Parasakti Cement Industries Ltd., (Mines),
 Jattipalem (V) & Post,
 Rentachintala (M), Guntur District

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

K Rao
 24/8/15.

JOINT CHIEF ENVIRONMENTAL ENGINEER
 (UH-IV)

SCHEDULE - A

1. 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 for obtaining Consent & HW Authorization of the Board **along with detailed compliance to the conditions stipulated in the CFO.**
2. All the conditions stipulated in the Schedule - A of the earlier combined CFO & HWA order No. **APPCB/VJA/GTR/25379/HO/W&A/2009-2622, dated 04.01.2009** remains same. The industry shall ensure consistent compliance of each conditions of Schedule-A".
3. 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 the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1981.
4. The industry shall comply with the all the directions issued by the Board from time to time.
5. The Board reserves its right to modify above conditions or stipulate any further conditions and to take action including revoke of this order in the interest of protection of public health and environment.
6. The industry may explore the possibility of tapping the solar energy for their energy requirements.

SCHEDULE - B

1. The effluent discharged shall not contain constituents in excess of the tolerance limits mentioned below.

Outlet No.	Parameter	Limiting Standards
1	PH	6.5 - 8.5
	Temperature	Not more than 50 C higher than the intake
	Free Available Chlorine	0.50 mg/l
	Suspended Solids (TSS at 103 - 1050 C)	100.00 mg/l
	Oil and Grease	20.00 mg/l
	Copper (total)	1.00 mg/l
	Iron (total)	1.00 mg/l
	Zinc as Zn	1.00 mg/l
	Chromium Total	0.20 mg/l
	Phosphate as PO4	5.0 g/l

2. The industry shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities mentioned below:

S. No	Purpose	Quantity in KLD
1.	Water spraying, Gardening & Dust Suppression	80 KLD
2.	Workshop (vehicle washings)	2.5 KLD
3.	Domestic	7.5 KLD
	Total:	90 KLD

→ 2.0 KLD Effluent - PLANTA T.ION
 → 0.8 KLD → ML - 1
 → 2.4 KLD → ML - 2
 5.2 KLD Domestic

3. The industry shall provide separate water meters with necessary pipeline for assessing the quantity of water used for each of the purposes mentioned below.
 - a. Domestic purposes.
 - b. Processing, whereby water gets polluted and pollutants are easily biodegradable.
 - c. Processing, whereby water gets polluted and pollutants are not easily biodegradable.
4. 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.
5. The industry shall comply with ambient air quality standards of PM₁₀ (Particulate Matter size less than 10 µm) - 100 µg/ m³; PM_{2.5}(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).

6. The industry shall not increase the Mining capacity beyond the permitted capacity mentioned in this order, without obtaining CFE & CFO of the Board.
7. The industry shall maintain green belt developed in an extent of 108 acres in mine site, cement plant & township. Bio Indicator Plants shall be planted along the boundary of the industry. Greenbelt shall be developed in vacant places.
8. Thick greenbelt shall be developed in south-west direction.
9. The industry shall develop green belt and maintain it on the over burden dumps, haul roads and also along the boundary of the mining area to control air pollution in the surrounding area.
10. All waste material shall be disposed properly within the Mining Lease Area.
11. All mining rejects, irrespective of size and quality, shall be hauled away from the mine.
12. The natural drainage of water shall be maintained. The Dump sites shall not cross any streams. Water flow from the Mine Lease Area shall be free of suspended matter and conform to prescribed water quality standards even during the monsoon.
13. Plantation with native species shall be raised along the roads, dump sites to develop a wide greenbelt all around the ML area in consultation with local DFO/ Agriculture department.
14. Dumping of overburden shall be like a retreating pyramid bench formation and shall carry physical and biological reclamation concurrently. Dumps shall be contoured and provided with relief control and stabilised. Dump tops shall be compacted, leveled and provided with proper drainage.
15. Soil binding and nitrogen fixing plants shall be planted in the Mine Lease Area. Biological reclamation shall be done in two phases. The first phase shall be with appropriate quick growing grass and shrubs and in the second phase slower growing native shrubs and trees shall be grown.
16. Check dams and filter beds shall be constructed to protect from stream runoffs.
17. Ground water table levels shall be monitored every season. Any lowering of the ground water table in comparison to the previous season shall be reported to the Board immediately. Discarded pits shall be allowed to fill with water.
18. Vehicles shall be well maintained and engine idling shall be minimized. Vehicle cabs shall be made dust-proof.
19. The industry shall operate water sprinklers regularly.
20. Drills shall be water-jacketed. Local exhaust ventilation systems shall be installed at dust generation points and the dust shall be fed to a dust collection system.
21. Blasting shall be sequential in such a manner as to achieve minimum vibration.
22. The industry shall establish four ambient air quality monitoring stations in the core zone as well as in the buffer zone for monitoring RPM, SPM, NOx and SO2. Location of the ambient air quality stations shall be decided based on metrological data, topographical features and environmentally and ecologically sensitive targets and the frequency of monitoring shall be undertaken in consultation with the APPCB.
23. The industry shall handover the original Consent order No. APPCB/VJA/GTR/25379/CFO/HO/2012-2934, dated 01.10.2012, having validity upto 31.10.2015, to the RO, Guntur after receipt of this order. The earlier CFO order dated 01.10.2012 stands cancelled from the date of receipt of this order.
24. A separate environmental management cell with suitable qualified personnel shall be set up under the control of a senior executive who will report directly to the head of the organization.
25. The applicant shall submit Environment statement in Form V before 30th September of every year as per Rule No.14 of E (P) Rules, 1986 & amendments.
26. The conditions are without prejudice to the rights and contentions of this Board in any Hon'ble Court of Law.

Sd/-
MEMBER SECRETARY

To
M/s. Parasakti Cement Industries Ltd., (Mines),
Jattipalem (V) & Post,
Rentachintala (M), Guntur District.

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

K. V. Rao
24/8/15.

A1
JOINT CHIEF ENVIRONMENTAL ENGINEER
(UH-IV)



ANDHRA PRADESH POLLUTION CONTROL BOARD

D.No. 33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre,
Chalamalavari Street, Kasturibaipet, Vijayawada - 520010
Website: www.appcb.ap.nic.in

Consent Amendment Order No: APPCB/VJA/GTR/25379/CFO/HO/2018-

Date: 08.05.2018

Sub: APPCB - UH: IV - CFO - M/s. Parasakti Cement Industries Ltd. (Mining Division), Jettipalem (V), Rentachintala (M), Guntur District - Amendment to include the Hazardous Waste streams - Reg.

Ref: 1. T.O. CFO Order No. APPCB/VJA/GTR/25379/CFO/HO/2015-3579, dated 22.08.2015.
2. Industry letter dated 20.03.2018.
3. RO: Guntur Lr. No. G-1063 (Mine)/APPCB/RO-GNT/2018-1976, dated 29.03.2018.
4. CFO Committee Meeting held on 24.04.2018.

The Board in the reference 1st cited has issued Consent for Operation (CFO) order to M/s. Parasakti Cement Industries Ltd. (Mining Division), Krishna District with validity upto 31.10.2020 duly stipulating the conditions 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.

The Industry made a representation to the RO: Guntur in the reference 2nd requesting for an amendment in the above CFO&HWA order dated 22.08.2015, for incorporation of used battery scrap and used oil. The RO submitted the report in the reference 3rd cited.

The issue was placed in the CFO Committee meeting of the Board held on 24.04.2018. After detailed discussions, the committee recommended to issue amendment to the CFO Order dated 22.08.2015 duly incorporating the waste streams.

The Board after careful examination, hereby issues the following amendment to the CFO order issued vide reference 1st cited 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 and amendments thereof:

Amendment:

The HWA to the industry for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes shall be incorporated in the existing CFO order dated 22.08.2015 for the following:

• **Hazardous Wastes with Disposal Option:**

S. No	Name of the Hazardous waste	Stream	Quantity	Method of disposal
1.	Used oil	5.1 of Schedule-I	8000 LPA	To dispose to recyclers /authorized by CPCB/SPCB.
2.	Used batteries	17 of Schedule-IV	15 No's/Annum	

The industry shall also comply with the conditions stipulated in the Schedule – C as follows:

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.

All other conditions mentioned in Schedules A & B of the CFO order issued by the Board vide reference 1st cited including the **validity i.e. 31.10.2020** will remain same.

**Bandla Siva
Sankar
Prasad**
MEMBER SECRETARY

Digitally signed by Bandla Siva
Sankar Prasad
DN: c=IN, o=APPCB, ou=EFS and T
Head Office, cn=Bandla Siva Sankar
Prasad, postalCode=520010,
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To

**M/s. Parasakti Cement Industries Ltd. (Mining Division),
Jettipalem (V), Rentachintala (M), Guntur District - 522 421, A.P.
Email: works@parasakticement.com / accounts@parasakti.com**

Copy to:

1. The JCEE, **ZO: Vijayawada** for information.
2. The EE, **RO: Guntur** for information and necessary action.