



ANDHRA PRADESH POLLUTION CONTROL BOARD

Paryavarana Bhavan, A-III, Industrial Estate,

Sanathnagar, Hyderabad-500 018

Phone : 040-23887500, Website : www.appcb.ap.nic.in

REGD. POST WITH ACK. DUE CONSENT & AUTHORISATION ORDER

Consent Order No: APPCB/VJA/GNT/373/APCRDA/HO/CFO/2016

Date: 31.10.2016

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:

The Commissioner,

Andhra Pradesh Capital Region Development Authority & Capital Area

“APCRDA & CA – Interim Government Complex Buildings, Amaravati”

Sy. No. 196 (Part), 197 (part), 198 (part), 199 (part), 200 (Part), 204 (part), 205 (part), 206 (part), 207 (part), 208 (part), 209 (part), 214 (part) & 216 (part) of Velagapudi Village, Thulluru Mandal, Guntur District – 522 237, A.P

E-mail: kuna.surya@apcrda.org

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

i) Out lets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1.	Domestic	148 KLD	<ul style="list-style-type: none">• Shall be transported to Sewage Treatment Plant (STP) at Ajit Singh Nagar, Vijayawada till commissioning of own STP.• After commissioning of own STP, the treated waste water is to be utilized for development of greenery, HVAC purposes, flushing toilets etc.,

ii) Emissions from chimneys:

Chimney No.	Description of Chimney	Quantity of Emissions in m³/hr. at peak flow
1.	Attached to 6 x 750 KVA and 6 x 500 KVA DG Sets	--

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

APCRDA & CA – Interim Government Complex Buildings, Amaravati is hereby granted an authorization to operate a facility for collection, reception, storage, transport and disposal of Hazardous Wastes namely:

• Hazardous Wastes With Recycling Option:

S. No	Name of Hazardous Waste	Stream	Quantity	Method of disposal
1.	Waste Oil	--	600 Lt / Annum	To authorised recyclers or used as lubricant within the premises
2.	Used batteries	--	24 Nos / 2 years	To authorised recyclers / to dealers on buy back basis

This consent order is valid for operation of Interim Government Complex Buildings, Amaravati of APCRDA & CA., consisting of the following:

S. No	Description	(in Square Meters)
I	LAND AREA	
	Total Land Area	1,82,632.21
	Roads Area	44,000.27
	Greenery Area	23,587.75
	Parking Area	40,444.57
II	BUILT AREA	
a.	Secretariat Buildings – 1,2,3,4&5	
	Each Building Area	
	Ground Floor Built-up Area	4,762.83
	First Floor Built-up Area	4,762.83
	Total Built-up Area	9,525.66
	Total Built-up Area for all 5 Buildings (9525.66 Sq. Mtrs x 5)	47,628.30
b.	Assembly Building (G+2)	
	Ground Floor Area	4,281.46
	First Floor Area	2,399.42
	Second Floor Area	1,755.95
	Total Built-up Area of Assembly building	8,436.83
c	Covered parking for CM	210.00
d	Crash Bay	244.80
e	Transformers & DG set	1,152.00
f	Security / Control Unit	704.00
g	Pump House	180.48
h	Security Post	7.22
i	Health Center	91.80
	Total Built-up Area	58,655.43

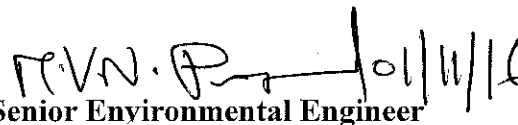
This order is subject to the provisions of 'the Acts' and the Rules' and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This combined order of consent & Hazardous Waste Authorization shall be valid for a period ending with the 31st August, 2017.

Sd/-
MEMBER SECRETARY

To
The Commissioner,
Andhra Pradesh Capital Region Development Authority & Capital Area
"APCRDA & CA – Interim Government Complex Buildings, Amaravati"
Lenin Center, Governor Pet, Vijayawada, Krishna District – 520 002, A.P

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


Senior 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 Authority 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. The Authority shall put up two sign boards (6x4 ft. each) at publicly visible places at the main gate indicating the 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.
4. 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.
5. The Authority 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 Authority shall remit water cess as per the assessment orders as and when issued by Board.
6. The Authority shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E (P) Rules, 1986 & amendments thereof.
7. The Authority 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 Authority should immediately submit the revised application for consent to this Board in the event of any change in quantity of trade effluents & quantity of emissions.
8. 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 Authority shall treat the sewage to comply with the general standards for discharge of environmental pollutants as mentioned in Schedule-VI of the Environmental (Protection) Rules, 1986 and Amendments thereof:

Outlet	Parameter	Concentration
1.	Colour and odour	All efforts should be made to remove colour and unpleasent odour as far as practicable.
	Suspended solids	200 mg/l
	pH	5.5 to 9.0
	Oil and grease	10 mg/l
	BOD (3 days at 27°C)	100 mg/l
	Arsenic (as As)	0.2 mg/l
	Cyanide (as CN)	0.2 mg/l
	Radioactive materials: (a) Alpha emitter (b) Beta emitter	10 ⁻⁸ micro curie/ml 10 ⁻⁷ micro curie/ml
	Bio-assay test	90% survival of fish after 96 hours in 100% effluent.

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

S. No	Purpose	Quantity (KLD)	
		Fresh water	Recycled water
1.	Domestic & Gardening	300 KLD	120 KLD
Total		420.0 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.

3. The Authority shall commission own STP within three months. Till commissioning of own STP, the sewage generated shall be transported to the Ajit Singh Nagar STP of Municipal Corporation, Vijayawada, duly maintaining proper records indicating vehicle numbers, quantities etc. for further treatment and disposal.
4. Dual plumbing system shall be provided for reuse of the treated waste water for toilet flushing and other purposes.
5. No Untreated or treated waste water shall be discharged in any of the water bodies including Krishna River.
6. The Authority shall create separate budget fund and maintain separate account with adequate budget to meet operational cost of STP.

Air Pollution:

7. The Authority 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.

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 shall be complied.

Noise Levels: Day time (6 AM to 10 PM) - 65 dB (A)
 Night time (10 PM to 6 AM) - 55 dB (A)

8. The Authority 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.

General:

9. The Authority shall maintain the following records and the same shall be made available to the inspecting officers of the Board:
 - a. Quantity of Effluents generated, treated, recycled/reused and disposed for greenbelt development.
 - b. Log Books for pollution control systems.
 - c. Characteristics of ambient air, effluents and emissions.
 - d. Hazardous/Non Hazardous solid waste generated and disposed.
 - e. Inspection book.
 - f. Manifest copies of Hazardous waste.
10. The Authority shall dispose solid waste (Non Hazardous) as follows

S. No	Name of the Solid Waste	Quantity	Disposal
1	STP sludge	37.5 Kg / Day	To be used as Manure
2	Municipal Solid Waste / Garbage	2.25 TPD	To Municipal Solid waste facilities

11. The solid waste generated shall be properly segregated, transported and disposed scientifically as per Solid Waste Management Rules, 2016.
12. The solid waste generated shall be properly collected and segregated before disposal to the city municipal facility. Waste paper, cartons, thermo coal, plastic waste, glass, etc., shall be disposed to recycling units. The in-vessel bioconversion technique shall be used for composting the organic waste.
13. The Authority shall ensure development and meeting of not less than 10% of energy needs from the renewable energy sources like solar, wind, WTE, Bio mass etc.

14. The Authority shall ensure installation of solar panels at all buildings by allocating at least 1/3 of roof top for this purpose. Application for solar energy shall be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision of solar water heating.
15. The project falls within the “Amaravati – Capital City of Andhra Pradesh” which was accorded CFE vide dated 19.10.2015. The Authority shall comply with the CFE conditions applicable to this construction project.
16. This CFO order is issued for the quantities and facilities mentioned in the CFE order dated 20.02.2016 issued for this project. The Authority shall obtain necessary Amendment to CFE order dated 20.02.2016 for the modifications in facility area, water consumption, and Waste water generation if required.
17. The Authority shall comply with standards and directions issued by CPCB / MoEF & CC as and when notifications are issued.
18. The Authority shall submit compliance report on the conditions mentioned in the consent order every six months to the Regional Office/ Zonal Office.

SCHEDULE – C

[See rule 6]

**[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 Authority shall not store hazardous waste for more than 90 days as per the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
3. The Authority 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 Authority 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 Authority 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

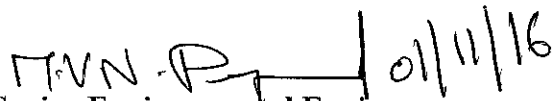
The Commissioner,

Andhra Pradesh Capital Region Development Authority & Capital Area

“APCRDA & CA – Interim Government Complex Buildings, Amaravati”

Lenin Center, Governor Pet, Vijayawada, Krishna District – 520 002, A.P

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


Senior Environmental Engineer

(UH: IV)