



**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  
RENEWAL OF CONSENT & AUTHORIZATION ORDER  
BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE**

**Consent Order No : APPCB/VSP/RJY/16306/HO/CFO/2016**

**Date : 13.07.2016**

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 & Other Wastes (Management and Transboundary, Movement) Rules, 2016 and the rules and orders made there under (hereinafter referred to as 'the Acts', 'the Rules') to:

**M/s. The Andhra Sugars Ltd. (Aspirin Division),  
Sy.No.540, Venkatarayapuram,  
Industrial Area Town Ship, Tanuku (M),  
West Godavari District – 534 215  
E-mail: info.tnk@theandhrasugars.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 KLD	Point of Disposal
1	HTDS effluents: Process and Washings	20	Centrifuge salts to TSDF and liquor to MEE.
2	LTDS effluents: Process and Washings	118.2	Bio composting / gardening after treatment in RO system and activated sludge process (Collection-Cum-Equalization tank, Extended Aeration tank and Lamella Clarifier).
3	Domestic Effluents	15	On land gardening / Development of greenbelt after treatment in Existing ETP along with Low TDS effluents.

**ii) Emissions from chimneys:**

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow (m <sup>3</sup> /hr)
1	Attached to Asprin Dryer (Big)	5000
2	Attached to Asprin Exhaust Blower	3000
3	Attached to Autoclave Vent	1
4	Attached to Dryer (Small)	4500
5	Attached to Flash Dryer	4240

The industry shall meet its steam requirement from 16.0 T/hr boiler existing in its sister concern sugar factory.

iii) **HAZARDOUS WASTE AUTHORISATION (FORM – II) [See Rule 6 (2)]:**

M/s.The Andhra Sugars Ltd. (Aspirin Division), Sy.No.540, Venkatarayapuram; Industrial Area Town Ship, Tanuku (M), West Godavari 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:**

Sl. No	Name of Hazardous Waste	Stream	Quantity	Method of disposal
1.	MEE salts	35.3 of Schedule-I	1150 TPA	To TSDF, Parawada, for secured land filling.
2.	ETP sludge	35.3 of Schedule-I	6 TPA	

• **HAZARDOUS WASTES WITH RECYCLING OPTION:**

Sl. No	Name of Hazardous Waste	Stream	Quantity	Method of disposal
1.	Spent Carbon	28.3 of Schedule-I	33 TPA	Sent to cement plants / TSDF Parawada, Visakhapatnam District.
2.	Waste lubricant oil	5.1 of Schedule – I	500 Ltrs/annum	To Authorized recyclers / Reprocessors / used as lubricant within the premises.

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

S.No.	Product	Quantity
1.	Aspirin	6944.0 Kg/day
2.	Salicylic Acid	6900.0 Kg/day
<b>By Products</b>		
1.	Sodium Salicylate	8049 kg/day
2.	Acetic Acid	2378 MT/Month

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 30<sup>th</sup> day of June, 2021.

Sd/-  
MEMBER SECRETARY

To  
M/s. The Andhra Sugars Ltd. (Aspirin Division),  
Sy.No.540, Venkatarayapuram,  
Industrial Area Town Ship, Tanuku (M),  
West Godavari District – 534 215

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*K. S. S. S.*  
30/7/16.  
Joint Chief Environmental Engineer  
Unit Head-IV  
SCHEDULE-A

- 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. 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 (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 source of water is borewell. The following is the permitted water consumption:

Sl. No.	Purpose	Quantity (KLD)
1	Industrial cooling, boiler feed.	20
2	Domestic purposes.	20
3	Process, whereby water gets polluted and pollutants are easily bio degradable.	--
4	Processing, whereby water gets polluted and the pollutants are not easily bio – degradable.	116
<b>Total</b>		<b>156</b>

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.

2. The industry shall provide containers detoxification facility. Container & Container liners shall be detoxified at the specified covered platform with dyke walls and the wash wastewater shall be routed to low TDS collection tank.

**AIR POLLUTION:**

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

Chimney No.	Parameter	Emission Standards
1 to 5	Particulate matter	115 mg/Nm <sup>3</sup>

2. The industry shall comply with ambient air quality standards of PM<sub>10</sub> (Particulate Matter size less than 10µm) - 100 µg/ m<sup>3</sup>; PM<sub>2.5</sub> (Particulate Matter size less than 2.5 µm) - 60 µg/ m<sup>3</sup>; SO<sub>2</sub> - 80 µg/ m<sup>3</sup>; NO<sub>x</sub> - 80 µg/m<sup>3</sup>, 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)

3. 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 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Act Rules. 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:**

1. 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.
2. 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.
3. The industry shall comply with CPCB directions dated 05.02.2014 / 02.03.2015 and guidelines issued regarding online monitoring systems issued from time to time. The online monitoring system shall be calibrated periodically as per equipment suppliers manual / CPCB guidelines.
4. Domestic effluents shall be treated in existing ETP along with LTDS effluents
5. The industry shall operate two stage scrubbers to the process vents to control the process emissions. The industry shall maintain online pH measuring system to the scrubbers to treat the process emissions. Scrubbed liquid shall be recycled as far as possible and finally sent to ETP for further treatment.
6. Fugitive emissions shall be controlled by Closed transfer and handling of all hazardous solvents and chemicals. Vent condensers are to be provided to solvent storage tanks.
7. The industry shall implement adequate measures to control all fugitive emissions from the plant.
8. The industry shall maintain magnetic flow meters with totalisers at inlets and outlets of MEE system, ETP & RO plants for the purpose of measuring the effluent generation and disposal.
9. The industry shall maintain proper records for generation, treatment and disposal of effluents from the Aspirin plant.
10. The industry shall not discharge any effluents into Satyawada drain which carries agricultural run off, sewage / sullage from Tanuku Municipality.
11. The industry shall segregate the effluent into High TDS and Low TDS streams and treat them separately as stipulated.
12. The industry shall segregate the effluent into High TDS and low TDS & Low COD streams and shall adopt "Zero Discharge" scheme and in no case the treated effluent / untreated effluent shall be discharged outside the factory premises.
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.
  - c. Log Books for pollution control systems.
  - d. Characteristics of effluents and emissions.
  - e. Hazardous/non hazardous solid waste generated and disposed.

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

14. The industry shall maintain log registers on quantity of waste generation and details of end use of the waste disposed.

Sl. No	Name of the By-Products	Quantity after expansion (Kg/day)
1	Acetic Acid	2378.0
2	Sodium Salicylate	8049.0

15. The industry shall develop green belt in all the vacant places. In future, excess green belt over and above 33 % of total area can be utilized for industrial activity as per requirement of industry.

**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 & Other Wastes (Management and 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 6 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 & 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 6 (5) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 and amendments thereof.
6. The industry shall submit the condition wise compliance report of the conditions stipulated in Schedule A, B & C of this Order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.

Sd/-

**MEMBER SECRETARY**

To  
M/s. The Andhra Sugars Ltd. (Aspirin Division),  
Sy.No.540, Venkatarayapuram,  
Industrial Area Town Ship, Tanuku (M),  
West Godavari District – 534 215

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*Wlas*  
30/7/16.  
Joint Chief Environmental Engineer  
Unit Head-IV