



**ANDHRA PRADESH POLLUTION CONTROL BOARD**  
**D.No.33-26-14D/2, Near Sunrise Hospital, Pushpa Hotel Centre,**  
**Chalamalavari Street, Kasturibaipet, Vijayawada – 520 010**  
**Phone. No.0866-2463200, Website : https://pcb.ap.gov.in/**

**RED CATEGORY**  
**RENEWAL OF CONSENT & AUTHORIZATION ORDER**

**Consent Order No : APPCB/VSP/RJY/16306/HO/CFO/2021**      31/07/2021

CONSENT is hereby granted for Operation under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 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:**

<b>Outlet No.</b>	<b>Outlet Description</b>	<b>Max Daily Discharge KLD</b>	<b>Point of Disposal</b>
1	Process and Wash (HTDS)	20	Shall be treated in neutralization tank, stripper, MEE, ATFD & biological ETP followed RO plant. <ul style="list-style-type: none"> <li>● Stripper distillate shall be routed through M/s. APEMC so as to send to cement units for coprocessing / TSDF for incineration.</li> <li>● Stripper concentrate along with regeneration and blow downs for forced evaporation in MEE.</li> <li>● MEE condensate shall be sent to ETP for biological treatment.</li> <li>● MEE concentrate shall be disposed in ATFD.</li> <li>● ATFD salts shall be routed through M/s. APEMC so as to dispose to TSDF,</li> </ul>

			<ul style="list-style-type: none"> <li>● ATFD condensate shall be sent to ETP for biological treatment.</li> </ul> <p>After treatment in ETP, the treated effluents shall be further treated in the RO Plant along with LTDS effluents and Domestic wastewater</p> <ul style="list-style-type: none"> <li>● RO permeate shall be recycled into process.</li> <li>● RO rejects shall be sent to the MEE for treatment. Thus maintain ZLD system</li> </ul>
2	Process and Wash (LTDS)	118.2	<p>After treatment in ETP along with MEE condensate and ATFD condensate, shall be further treated in the RO Plant.</p> <ul style="list-style-type: none"> <li>• RO permeate shall be recycled into process</li> <li>• RO rejects shall be sent to the MEE for treatment. Thus maintain ZLD system</li> </ul>
3	Domestic wastewater	15	

**ii) Emissions from chimneys:**

<b>Chimney No.</b>	<b>Description of Chimney</b>	<b>Quantity of Emissions at peak flow (m<sup>3</sup>/hr)</b>
1	Attached to Asprin Dryer (Big)	---
2	Attached to Asprin Exhaust Blower	---
3	Attached to Autoclave Vent	---
4	Attached to Dryer (Small)	---
5	Attached to Flash Dryer	---
6	Process emissions	--

The industry shall meet its steam requirement from 12.0 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:**

<b>Sl. No</b>	<b>Name of Hazardous Waste</b>	<b>Stream</b>	<b>Quantity</b>	<b>Method of disposal</b>
1.	MEE salts	35.3 of Schedule-I	1150 TPA	Shall be routed through M/s. APEMC so as to send to TSDF, Nellore for secured land filling (as Landfillable waste).
2.	ETP sludge	35.3 of	6 TPA	

		Schedule-I		
3.	Softener / DM Plant Resins	35.2 of Schedule-I	2 TPA	Shall be routed through M/s. APEMC, so as to send to TSDF, Nellore for incineration (as Incinerable waste).
4.	Used/Discarded RO Membranes	35.2 of Schedule-I	1.0 TPA	
5.	Used Filters	33.2 of Schedule-I	100 No's/Year	
6.	Insulation and Glass wool Waste	33.2 of Schedule-I	1.0 TPM	
7.	Discarded PPE	33.2 of Schedule-I	0.5 TPA	
8.	Used Filter Cloth /bags	33.2 of Schedule-I	1 TPA	
9.	Cotton Waste	33.2 of Schedule-I	1.0 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	80 TPA	Shall be routed through M/s. APEMC, so as to send to preprocessors / cement plant for co-processing (as utilizable waste)
2.	Waste lubricant oil	5.1 of Schedule – I	500 Ltrs/annum	Shall be routed through M/s. APEMC, so as to send to authorized recyclers /Reprocessors (as recyclable waste).
3.	HDPE bags & Polythene Liners	33.1 of Schedule-I	1.5 TPA	After complete detoxification, shall be routed through M/s. APEMC, so as to send to authorized recyclers /Reprocessors (as recyclable waste).
4.	Plastic carboys & containers.	33.1 of Schedule-I	100 No's/Month	

• **Non-Hazardous / other waste:**

Sl. No	Name of Hazardous Waste	Quantity	Method of disposal
1.	Lead acid batteries	15 No's/Year	On buy back policy.
2.	Glass Bottles	250 No's/Month	To APPCB authorized recyclers / outside agencies
3.	Paper, packing materials i.e. wood, carton, ropes	5 TPA	
4.	Metal scrap	20 TPA	
5.	E- Waste	2.0 TPA	
6.	Canteen Waste	20 Kg/day	
7.	Plastic Waste	0.5 TPA	

**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 kg/day

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, 2026.**

**DR. B.MADHUSUDHANA RAO, JCEE(MSRB), O/o JOINT CHIEF ENVIRONMENTAL ENGINEER-4-APPCB**

**To**

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

**Copy to :**

1. The JCEE, Zonal Office, **Visakhapatnam** for information and necessary action.
2. The Environmental Engineer, Regional Office, **Eluru** 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 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. 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.
5. The industry shall ensure that there shall not be any change in the process technology, source & composition of raw materials and scope of working without prior approval from the Board.
6. 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.
7. 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.

8. 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.
10. The industry shall be liable to pay Environmental Compensation / Other Environmental Taxes, if any environmental damage caused to the surroundings, as fixed by the Collector & District Magistrate or any other competent authority as per the Rules in vogue.
11. The industry may explore the possibility of tapping the solar energy for their energy requirements.
12. The industry should educate the workers and nearby public of possible accidents and remedial measures.

**SCHEDULE-B**

1. The Board vide order dated 13.07.2016 issued CFO to the industry to manufacture Aspirin @ 6944.0 Kg/day, Salicylic Acid @ 6900 kg/day and intermediate product Sodium Salicylate @ 8049 kg/day & By product Acetic Acid @ 2378 MT/day which is valid upto 30.06.2021. The industry applied for CFO (renewal), for a period upto 30.06.2026, for a total project cost of Rs. 25.48 Cr, with a total area of 3.83 acres. The issue of CFO (Renewal) of the facility was placed in the CFO committee meeting held on 07.07.2021 and the committee recommended “to defer the issue CFO to the industry and the issue of CFO will be considered after submission of i) Fire NOC and ii) analysis report of the MEE concentrate, to consider the ‘centrifuge’ instead of ‘ATFD’ as the committee felt that, there shall not be any Sulphates in the MEE concentrate for effective functioning of centrifuge. After receiving the fire NOC and analysis report of MEE concentrate, the Board will consider to issue CFO to the industry, with Bank Guarantee if required, as per the Circular dt. 30.07.2020”. Now, the industry submitted fire NOC and analysis report of MEE concentrate. The issue of CFO (Renewal) to the industry was placed in the CFO committee meeting held on 23.07.2021 and the committee recommended to issue CFO& HWA to the industry for a period upto 30.06.2026 with conditions.

**WATER POLLUTION:**

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

Sl. No.	Purpose	Quantity (KLD)
1	Process & Washings	116
2	Cooling tower	20
3	Domestic	20

	<b>Total</b>	<b>156</b>
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Separate electromagnetic flow meters with necessary pipe-line shall be maintained for assessing the quantity of water used for each of the purposes mentioned above.

2. The effluent discharged shall comply with the tolerance limits mentioned below as per MoEF notification dated 09.07.2009 prescribed for Pharmaceutical (Manufacturing and Formulation) industry
3. The industry shall maintain electromagnetic flow meters with totalisers at MEE system, ETP & RO plants for the purpose of measuring the effluent generation and disposal.
4. 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.
5. Effluents shall not be discharged onland or any water bodies or aquifers or outside under any circumstances.
6. Floor washings shall be admitted into effluent collection system only and shall not be allowed to find their way into storm water drains or open areas.
7. 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.
8. The industry shall maintain storm water drains and rain water harvesting structures.
9. The industry shall not discharge any effluents into Satyawada drain which carries agricultural run off, sewage / sullage from Tanuku Municipality and maintain ZLD system.

#### **AIR POLLUTION:**

10. 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>
6	HCl	35 mg/Nm <sup>3</sup>
	NH <sub>3</sub>	30 mg/Nm <sup>3</sup>
	Sulphuric acid mist	50 mg/Nm <sup>3</sup>
	Chlorine	15 mg/Nm <sup>3</sup>

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

12. 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.

13. The industry shall operate the two stage scrubbers with online pH meters with data logger to scrub process emissions at all emission sources. The details of chemicals consumption used in the scrubber shall be recorded & kept accessible for the inspecting officials of the Board. Scrubbed liquid shall be recycled as far as possible and finally sent to ETP for further treatment.
14. The evaporation losses in solvents shall be controlled by taking suitable measures, which include:
  - i. Chilled brine circulation to effectively reduce the solvent losses into the atmosphere.
  - ii. Transfer of solvents by using pumps and closed conveyance instead of manual handling.
  - iii. Closed centrifuges be used due to which solvent losses are reduced drastically.
  - iv. The reactor vents connected with primary & secondary condensers to catch the solvent vapours.
  - v. All the solvent storage tanks are connected with vent condensers to prevent solvent vapours.
15. The industry shall not use odour causing substances such as Mercaptan or cause odour nuisance in the surroundings.

**GENERAL:**

16. The industry shall not manufacture new products and not exceed the consented capacity without CFE/CFO of the Board.
17. 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.
18. The industry shall maintain sheds for storage of hazardous waste with dyke wall and leachate collection system.
19. 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.
  - 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.
20. The industry shall maintain log registers on quantity of waste generation and details of end use of the waste disposed.

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

21. 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.
22. The industry shall submit AAQ monitoring reports conducted by authorized agency every month.
23. The industry shall comply with the Regulation of Persistent Organic Pollutants Rules, 2018 notified by the MoEF&CC Notification vide G.S.R. 207 (E) dated 30.05.2018. As per the notification, the following 7 chemicals are prohibited to

manufacturer, trade, use, import and export:

- i. Chlordecone,
  - ii. Hexabromobiphenyl,
  - iii. Hexabromodiphenyl ether and heptabromodiphenyl ether (commercial octa-BDE),
  - iv. Tetrabromodiphenyl ether and pentabromodiphenyl ether (commercial penta-BDE),
  - v. Pentachlorobenzene,
  - vi. Hexabromocyclododecane and
  - vii. Hexachlorobutadine.
24. The industry shall submit the information regarding usage of Ozone Depleting Substance once in six months to the Board.
25. The industry shall renew the PLI policy which includes Environmental Relief Fund (ERF) on yearly basis and submit copy to RO, Eluru.
26. The industry shall install digital display boards 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.
27. Any other directions / circulars / notices issued by CPCB, MoEF&CC and APPCB shall be followed from time to time.

**Special conditions:**

28. The industry shall submit a copy of the NOC issued by the Andhra Pradesh State Disaster Response and Fire Service Dept., (APSDRFSD) at concerned Regional Office, APPCB.
29. The industry shall prepare a safety report and carry out an independent safety audit report of the respective industrial activities including chemical storages / isolated storages by an expert not associated with such industrial activity as required under Rule 10 of MSIHC Rules, 1989 and get it approved by the Factories Dept., and submit the compliance along with copy of the safety report, safety audit report and safety certificate at concerned Regional Office, APPCB.
30. The industry shall identify major accident hazard chemicals & list out the hazardous chemicals endangered to human health & environment, and the details shall be furnished to the Factories Department and the Regional Office, APPCB time to time duly certifying the same by the industry. Further, the industry shall extend training to the working personnel while handling hazardous chemicals for the prevention of accidents and necessary antidotes to ensure safety, as per the MSIHC Rules, 1989.
31. The industry shall carry out calibration of safety equipment and leak detection systems at regular intervals and shall certify the same with the Factories Department. That certified copy shall be submitted to the APPCB, Regional Office. The industry shall install fluorescent Wind Vane at the highest point in the industry premises.
32. The industry shall inventory the hazardous wastes and its quantities stored within the industry premises as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 (HOWM Rules, 2016) and shall furnish the details to Regional Office, APPCB on a monthly basis duly certifying the same by the industry.
33. The industry shall conduct Risk studies to be undertaken clearly describing impact within the industry premises and outside the industry premises and emergency response system.
34. The industry shall inventory the storage quantities of hazardous chemicals (raw materials), products, as per the hazard nature of reactivity / toxicity / flammability / explosive stored/handling in the premises as defined in the Management of Storage,



Import of Hazardous Chemicals (MSIHC) Rules, 1989 and the details shall be furnished to the Factories Department and to the Regional Office, APPCB on monthly basis duly certifying the same.

- 35.VOC meters with real time data transmission facility through internet of things (IoT) shall be installed near the production blocks and near the chemical storage tanks and link to the servers of APPCB and CPCB.

*[See rule 6(2)]*

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

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorisation shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on “Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty”.
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
8. An application for the renewal of an authorisation shall be made as laid down under these Rules.
9. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.

**Specific Conditions:**

- 10.The industry shall comply with the provisions of HWM Rules, 2016 in terms of interstate transport of Hazardous Waste and manifest document prescribed Under Rule 18 and 19 of the HWM Rules, 2016.
- 11.The industry shall not store hazardous waste for more than 90 days as per the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
- 12.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.
- 13.The industry shall transport the hazardous waste to cement industries only through vehicle fitted with GPS tracking system.
- 14.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.
- 15.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.

16. Annual return shall be filed by June 30<sup>th</sup> for the period ensuring 31<sup>st</sup> March of the year.

**The industry shall submit Half yearly compliance reports to all the stipulated conditions in Environmental Clearance (EC), Consent for Establishment (CFE) and Consent for Operation (CFO) through website i.e., <https://pcb.ap.gov.in> by 1st of January and 1st July of every year. The first half yearly compliance reports shall be furnished by the industry and second half yearly compliance reports shall be the audited through MoEF&CC recognized and National Accreditation Board for Laboratory Testing (NABL) accredited third party.**

DR. B.MADHUSUDHANA RAO, JCEE(MSRB), O/o JOINT CHIEF ENVIRONMENTAL ENGINEER4-APPCB

**To**

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



**ANDHRA PRADESH POLLUTION CONTROL BOARD**  
**D.No.33-26-14D/2, Near Sunrise Hospital, Pushpa Hotel Centre,**  
**Chalamalavari Street, Kasturibaipet, Vijayawada – 520 010**  
**Phone. No.0866-2463200, Website : <https://pcb.ap.gov.in/>**

**Lr.No. APPCB/VSP/ELR/16306/CFO/HO/2021**

**16/09/2021**

**Sub:** APPCB – UH-IV - CFO - M/s. The Andhra Sugar Ltd, (Asprin Division), R.S.No.540,  
Industrial Area Township, Tanuku, West Godavari District – Request for CFO&HWA  
(Amendment) for change of disposal option for effluents and hazardous waste –  
**Amendment – Issued - Reg.**

**Ref:-** 1. CFO order dated 31.07.2021 valid upto 30.06.2026.  
2. Industry's CFO (Amendment) representation received on 12.08.2021  
3. CFO committee meeting held on 08.09.2021

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1. The Board vide order dated 31.07.2021 issued CFO to the industry to manufacture Aspirin @ 6944.0 Kg/day, Salicylic Acid @ 6900 kg/day and intermediate product Sodium Salicylate @ 8049 kg/day & By product Acetic Acid @ 2378 Kg/day which is valid upto 30.06.2026, for a period upto 30.06.2026, for a total project cost of Rs. 25.48 Cr, with a total area of 3.83 acres. Now, the industry on 12.08.2021 submitted the representation for CFO (Amendment) for the disposal of effluents and hazardous waste disposal option.
2. The issue of CFO (Amendment) of the industry was placed in the CFO committee meeting held on 08.09.2021 and the committee recommended to **issue** CFO&HWA (Amendment) to the industry for change of disposal option for effluents and hazardous waste.
3. The Board after careful scrutiny, hereby issues for the following amendments to the CFO & HWA Order dt: 31.07.2021, issued by the Board vide reference 1<sup>st</sup> cited, under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary, Movement) Rules, 2016 and the rules and orders made there under (hereinafter referred to as 'the Acts',

the Rules') to:

**Amendment:**

i) The table below the “Outlets for discharge of effluents” shall be read as:

Outlet No.	Outlet Description	Max Daily Discharge KLD	Point of Disposal
1	HTDS effluents: Process and Wash	20	Shall be treated in neutralization tank, MEE & Centrifuge and maintain ZLD system. <ul style="list-style-type: none"> <li>• MEE concentrate to Centrifuge.</li> <li>• Centrifuge MLS routed to MEE for further treatment</li> <li>• MEE condensate shall be recycled into process / cooling tower make up</li> <li>• Centrifuge salts shall be routed through M/s. APEMC so as to dispose to TSDF.</li> </ul>
2	LTDS effluents: Process and Wash	118.2	Shall be treated in biological ETP (Anaerobic followed by aerobic) followed by RO plant. <ul style="list-style-type: none"> <li>• RO permeate reused for cooling tower make up</li> <li>• RO rejects shall be sent to the MEE for treatment along with HTDS effluents</li> </ul>
3	Domestic wastewater	15	The industry shall treat the wastewater along with LTDS effluent in the biological ETP followed by RO, after treatment in the biological ETP followed by RO, the treated wastewater shall be reused for cooling tower make up.

ii) The table below the “Hazardous wastes with DISPOSAL OPTION” shall be read as:

Sl. No	Name of Hazardous Waste	Stream	Quantity	Method of disposal
1.	MEE salts	35.3 of Schedule-I	1150 TPA	Shall be routed through M/s. APEMC so as to send to TSDF, Visakhapatnam District for Secured land filling. (as Landfillable waste)
2.	ETP sludge	35.3 of Schedule-I	6 TPA	
3.	Softener / DM Plant Resins	35.2 of Schedule-I	2 TPA	Shall be routed through M/s. APEMC, so as to send to TSDF, Parawada for incineration (as Incinerable waste),
4.	Used/Discarded	35.2 of	1.0 TPA	

	RO Membranes	Schedule-I		
5.	Used Filters	33.2 of Schedule-I	100 No's/Year	
6.	Insulation and Glass wool Waste	33.2 of Schedule-I	1.0 TPM	
7.	Discarded PPE	33.2 of Schedule-I	0.5 TPA	
8.	Used Filter Cloth /bags	33.2 of Schedule-I	1 TPA	
9.	Cotton Waste	33.2 of Schedule-I	1.0 TPA	

All other conditions mentioned in Schedule – A, B & C of the combined CFO &HWA order issued by the Board vide reference 1<sup>st</sup> cited including the validity i.e., 30.06.2026 will remain same.

BATCHU SIVA PRASAD, CEE(BSP), O/o CHIEF ENVIRONMENTAL ENGINEER-  
APPCB

**To**

**The Occupier,**

**M/s. The Andhra Sugar Ltd, (Asprin Division), R.S.No.540, Industrial Area Township,  
Tanuku, West Godavari District**

**Email: info.tnk@theandhrasugars.com**

Copy to:

1. The JCEE, Zonal Office, Visakhapatnam for information and necessary action.
2. The EE, Regional Office, Eluru for information and necessary action.