



ANDHRA PRADESH POLLUTION CONTROL BOARD
ZONAL OFFICE: VISAKHAPATNAM

B.Madhusudana Raav, M.E., LL.B.,
Joint Chief Environmental Engineer

39-33-20/4/1,
Madhavadhara Vuda Colony, Visakhapatnam
Phone: 2719480, Fax: 2719380
Email: vsp.zo.jcee@pcb.ap.gov.in

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

Consent Order No :9264-VZN/APPCB/ZOVSP/CFO/2016

Date:26.02.2016

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 5 of the Hazardous Wastes (Management, Handling & Transboundary, Movement) Rules, 2008 & Amendments thereof and the rules and orders made there under (hereinafter referred to as 'the Acts', 'the Rules') to:

**M/s. IVAX Paper Chemical Ltd.,
R. Sy. Nos. 11, 16 & 18(P),
Gumpam (V), Pusapatirega (M),
Vizianagaram District
E-mail: admin@ivaxchem.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	Point of Disposal	Parameter Limiting Standards
1	Boiler blow down	2.0 KLD	After treatment in the ETP, the treated wastewater shall be used for onland irrigation within the premises	pH - 5.5 - 9.0, TSS - 200.0 mg /l, Oil & Grease - 10.0 mg /l, BOD(3 days at 27 ^o C) - 100.0 mg /l
2	Domestic	5.0 KLD	After treatment in the STP, the treated wastewater shall be used for onland irrigation within the premises	

ii) Emissions from chimneys:

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow (m ³ /hr)	Emission Standards
1.	Attached to boiler of capacities 2 x 850 Kg/Hr	----	SPM - 115 mg/Nm ³ --
2.	Attached to boiler of capacities 2 x 600 Kg/Hr	----	
3.	Attached to thermic fluid heaters of capacities 2 x 6 Lakh Kcal/Hr	----	
4.	Attached to thermic fluid heaters of capacities 2 x 4 Lakh Kcal/Hr	----	
5.	Attached to DG Sets of capacities 2 x 320 KVA,	----	
6.	Attached to DG Set of capacity 1 x 250 KVA,	----	
7.	Attached to DG Set of capacity 1 x 25 KVA,	----	
8.	Process emissions	----	

iii) **HAZARDOUS WASTE AUTHORISATION (FORM – II)** [See Rule 5 (4)]:

M/s. IVAX Paper Chemical Ltd., R. Sy. Nos. 11, 16 & 18(P), Gumpam (V), Pusapatirega (M), Vizianagaram 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.	Waste Lubricating Oil	5.1 of Schedule – I	360 LPA	Shall be sent to authorized Re-Processors / Re-Cyclers of waste oil

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

S.No.	Products	Quantity
1.	AKD Wax Emulsion	1000 MTM
2.	Akenyl Succinic Anhydride (ASA)	200 MTM
3.	Starch Based Products	300 MTM
4.	Rosin Based Products	1875 MTM

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 31.01.2021.


JOINT CHIEF ENVIRONMENTAL ENGINEER
ebl

To
M/s. IVAX Paper Chemical Ltd.,
R. Sy. Nos. 11, 16 & 18(P),
Gumpam (V), Pusapatirega (M),
Vizianagaram District

Copy to JCEE(CESS), APPCB, Board Office, Hyderabad for information.
Copy to Environmental Engineer, Regional Office, Kakinada 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. 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

Committee recommendations: The consent for operation committee in its meeting held on 23.02.2016 examined the CFO application and the report submitted by Regional Office, Vizianagaram. The committee observed that the industry is not generating any process and wash wastewater except a boiler blow down from diesel fired baby boilers. Also the industry is generating about 5,000 litres/day of domestic wastewater and has septic tanks followed by soak pit. The committee further observed that the industry is constructing effluent treatment plant(ETP) and sewage treatment plant(STP) for the treatment of above wastewaters which are under construction and will be commissioned by the end of Feb'2016. The industry is operating with less than 50% of its capacity. After detailed discussion, the committee recommended to issue CFO to the industry with conditions.

WATER POLLUTION:

1. The industry shall comply the following effluent standards based on the disposal points permitted:

Shall comply the norms notified by MoEF & CC vide Notification No:G.S.R.422(E) dated:19.05.1993.

Outlet No.	Parameter	Concentration in mg/l
1 & 2	pH	5.5 - 9.0
	TSS	200.0 mg /l
	Oil & Grease	10.0 mg /l
	BOD(3 days at 27 ^o C)	100.0 mg /l

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

S No.	Purpose	Quantity
1	Process	69.5 KLD
2	Boiler make up	19.9 KLD
3	Domestic	10.0 KLD
	Total	99.4 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.

AIR POLLUTION:

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

Chimney No.	Parameter	Emission Standards
1 to 8	SPM	115 mg/Nm ³

4. The industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10 μ m) - 100 μ g/ m³; PM2.5 (Particulate Matter size less than 2.5 μ m) - 60 μ g/ m³; SO₂ - 80 μ g/ m³; NO_x - 80 μ g/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)

5. 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:

- The industry shall continuously operate the ETP and STP to treat the wastewater generated from the industry and the treated wastewater shall be used on land for irrigation within the premises duly meeting the irrigation standards.
- The industry shall recycle the scrubbing effluents, after treatment.
- The industry shall provide a separate energy meter to the ETP and STP and maintain log registers to record the energy meter readings to the operation of the ETP.
- The industry shall maintain digital flow meter with totalizer for measuring the actual quantity of water consumption.
- The industry shall not discharge any wastewater outside the premises under any circumstances.
- The industry shall maintain the following records and the same shall be made available to the inspecting officers of the Board:
 - Daily production details.

- b. Quantity of Effluents generated, treated, recycled/reused and disposed.
 - 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.
12. The industry shall not dispose any solid waste outside the premises.
 13. The industry shall not cause any air pollution / odour nuisance to the surrounding environment.
 14. The industry shall operate air pollution control equipment attached to the furnaces continuously to control the emissions.
 15. The industry shall maintain good housekeeping with-in the premises.
 16. 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. In any case, the minimum greenbelt shall be 33% of the total area.

SCHEDULE – C

[See rule 5(4)]

**[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 Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and amendments thereof.
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 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 22(2) of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008 and amendments thereof.


JOINT CHIEF ENVIRONMENTAL ENGINEER

To
M/s. IVAX Paper Chemical Ltd.,
R. Sy. Nos. 11, 16 & 18(P),
Gumpam (V), Pusapatirega (M),
Vizianagaram District

