



**ANDHRA PRADESH POLLUTION CONTROL BOARD  
ZONAL OFFICE: VISAKHAPATNAM**

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**CONSENT & AUTHORIZATION ORDER**

**BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE**

**Consent Order No : 7589-VSP/APPCB/ZOVSP/CFO/2016 1108**

**Date: 29.10.2016**

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 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. Hospira Healthcare India Pvt. Ltd.,  
Plot No.111 & 123 and 116, 117, 118 & 119,  
JN Pharmacy,  
Parawada (M),  
Visakhapatnam  
E-mail: [kschakravarthy@hospira.com](mailto:kschakravarthy@hospira.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
1	Washings (Raw material & vessels) - 110.0 KLD, QC & Micro lab washings - 32.0 KLD, Boiler blow down - 36.0 KLD, Utility rejects - 515.0 KLD, Cooling - 119.0 KLD	812 KLD	After pre-treatment, the industry shall send the effluents to CETP of M/s.Ramky Pharmacy (I) Pvt. Ltd., Parawada, Visakhapatnam for further treatment and final disposal.
2	Domestic	115 KLD	

**ii) Emissions from chimneys:**

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow (m <sup>3</sup> /hr)
1	Attached to 15 TPH oil fired boilers – 3 Nos.	----
2	Attached to 2750 KVA DG sets – 6 Nos.	----
3	Attached to 127 HP hydrant pump diesel engines	----
4	Attached to 240 HP sprinkler pump diesel engines	----

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

**M/s. Hospira Healthcare India Pvt. Ltd., Plot No.111 & 123 and 116, 117, 118 & 119, JN Pharmacy, Parawada (M), Visakhapatnam 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	Hazardous /Solid Waste generated from	Quantity	Stream	Method of Disposal
1.	Off, Specification products / expired Raw material	5 MT/month	28.3 of Schedule - I	To TSDF, Parawada, Visakhapatnam
2.	Date expired, discarded, off specification products	3 MT/month	28.4 of Schedule - I	To TSDF, Parawada, Visakhapatnam
3.	Date expired, discarded and off specification laboratory chemicals / samples (solid & liquid)	2 MT/month	28.4 of Schedule - I	To TSDF, Parawada, Visakhapatnam
4.	Sludge from ETP tanks	1 MT/month	34.3 of Schedule - I	To TSDF, Parawada, Visakhapatnam
5.	Spent Ion exchange resins	0.83 MT/month	34.2 of Schedule - I	To TSDF, Parawada, Visakhapatnam
6.	Soot particle from Boiler Chimney	0.017 MT/month	34.1 of Schedule - I	To TSDF, Parawada, Visakhapatnam
7.	Spent carbon from water treatment plant	0.013 MT/month	28.2 of Schedule - I	To TSDF, Parawada, Visakhapatnam
8.	Insulation waste / Thermo cool waste	0.25 MT/month	----	To TSDF, Parawada, Visakhapatnam
9.	Used PPE	6 MT/month	----	To TSDF, Parawada, Visakhapatnam
10.	Contaminated solid waste (Oil filters, spill absorbents, etc..)	0.042 MT/month	5.2 of Schedule - I	To TSDF, Parawada, Visakhapatnam

• HAZARDOUS WASTES WITH RECYCLING OPTION:

Sl. No	Hazardous /Solid Waste generated from	Quantity	Stream	Method of disposal
1.	Used/waste oil	1.25 MT/month	5.1 of Schedule - I	Shall be sent to authorized re-processors or recyclers/re-use within the premises as lubricant

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

S.No.	Products	Quantity (millions/month)
1.	Terminal sterilized vials	26.66
2.	Terminal sterilized ampoules	4.75
3.	Asceptic filled vials	8.33
4.	Dry powder lyophilized vials	1.92
	Total	41.66

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 **31.12.2018**.

To  
M/s. Hospira Healthcare India Pvt. Ltd.,  
Plot No.111 & 123 and 116, 117, 118 & 119,  
JN Pharmacy, Parawada (M),  
Visakhapatnam

  
JOINT CHIEF ENVIRONMENTAL ENGINEER  
A.P. POLLUTION CONTROL BOARD  
ZONAL OFFICE  
VISAKHAPATNAM

#### 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 recommendation:

The Consent for Operation committee in its meeting held on 19.10.2016 examined the CFO application and the report submitted by Regional Office, Visakhapatnam. In the earlier CFO meeting held on 01.10.2016 discussed the issue and directed to submit clarification on the following:

- 1) The industry shall submit a commitment on Rs.100/- non-judicial stamp paper within 15 days i.e., by 18.10.2016 stating that the industry will develop 33% greenbelt area i.e., total 15.3 acres within six months i.e., by 01.04.2017.
- 2) The industry shall submit water balance for all sections and meter readings.
- 3) The industry shall submit the actual wastewater generation details for last six (6) months.

Now, the industry submitted under taking on 03.10.2016 stating that a) the industry will develop 33% greenbelt area i.e., we have completed 14.4 acres of greenbelt and ready to plant 9000 trees, b) the industry has submitted water balance for all sections and meter readings, c) the industry has submitted the actual wastewater generation details for last six (6) months.

After detailed discussion the committee recommended to issue CFO to the industry for a period upto 31.08.2018 with conditions.

**SPECIAL CONDITIONS:**

1. The industry shall develop 33% greenbelt area i.e., total 15.3 acres within six months i.e., by 01.04.2017.
2. As committed vide Lr.dt.14.10.2016, the industry shall comply with the non-compliance, without which the industry will be placed in legal hearing committee for review and necessary action as per the Board Office instructions dt.21.06.2016.

**WATER POLLUTION:**

3. The industry shall regularly transport the washings – 110 KLD, QC & Micro lab washings – 32 KLD, boiler blow down – 36 KLD, utility rejects – 515 KLD, cooling blow downs – 119 KLD and domestic wastewater – 115 KLD to CETP of M/s.Ramky Pharmacy (I) Pvt. Ltd., Parawada, Visakhapatnam for proper treatment and disposal.
4. The industry shall provide flow meters to record the water consumption and wastewater generation from the unit and shall maintain log registers to record wastewater sent to CETP of M/s.Ramky Pharmacy (I) Pvt. Ltd.,
5. 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	Parameter
1 & 2	Inlet standards of CETP as laid down under Schedule-I, under Rule-3 of Environmental (Protection) Rules, 1986

6. The source of water being JN pharmacy. The following is the permitted water consumption:

S No.	Purpose	Quantity
1	Process	40.0 KLD
2	Washings	110.0 KLD
3	Boiler feed	298.0 KLD
4	QC & Micro lab washings	32.0 KLD
5	Utility rejects	515.0 KLD
6	Cooling	850.0 KLD
7	Pure steam generation	58.0 KLD
8	Gardening	95.0 KLD
9	Domestic	135.0 KLD
<b>Total</b>		<b>2133 KLD</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.

7. The industry shall construct detoxification facility to detoxify the used drums. After detoxification the treated wastewater shall be sent to CETP along with LTDS effluents.

**AIR POLLUTION:**

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

Chimney No.	Parameter	Emission Standards
1 & 2	SPM	115 mg/Nm <sup>3</sup>

9. The industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10µm) - 100 µg/ m<sup>3</sup>; PM2.5 (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)

10. 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:**

11. 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.
12. The industry shall construct lined collection tanks above ground level and report compliance to the Board within 3 months.
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.
  - 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.

14. The industry shall dispose solid waste (NON HAZARDOUS ) as follows

Sl.No	Solid Waste generated from	Quantity	Method of disposal
1.	Detoxified containers		
a.	HDPE carboys (After detoxification)	100 Nos /month	Sold to outside agencies
b.	HDPE drums (After detoxification)	300 Nos /month	Sent to outside agencies
c.	MS drums (After detoxification)	100 Nos /month	Sent to outside agencies
d.	Polythene bags	10000 Kgs./month	Sent to outside agencies
e.	Plastic bottles	30000 Kgs./month	Sent to outside agencies
f.	Glass bottles	50000 Kgs./month	Sent to outside agencies
2.	Paper / Cartons /Fiber drums	30000 Kgs./month	Sent to outside agencies
3.	Packing wood	50000 Kgs./month	Sent to outside agencies
4.	Cooling tower fills	1000 Kgs./month	Sent to outside agencies/ TSDF, Parawada
5.	Used batteries	800 Nos/ annum	Shall be disposed to authorized recyclers / buy back basis
6.	E-waste	500 Kgs/month	Shall be sent to authorized recyclers of APPCB

15. The industry shall comply with the conditions stipulated in the CFE order dated: 16.12.2015 & CFO order dt.12.10.2015.
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.
17. The industry shall maintain good housekeeping with-in the premises.

**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 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  
Joint Chief Environmental Engineer  
A.P. POLLUTION CONTROL BOARD  
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