



CONSENT ORDER FOR ESTABLISHMENT

Order No. 168 /APPCB/CFE/RO-TPT/HO/2011

Dt:14.06.2018

Sub: APPCB – CFE - M/s. Alcedo Pharmachem Pvt. Ltd. (Formerly M/s. Venshiv Pharma Chem Pvt.Ltd.), Sy.No.1212(P), 1213(P), 1214(P), 1215(P), APIIC Mega Industrial Park Kopparthi, Ambavaram (V), Vallur (M), Kadapa District - Consent for Establishment (CFE) of the Board for **Change of Product Mix** under Sec.25 of Water (P & C of P) Act, 1974 and Under Sec.21 of Air (P&C of P) Act, 1981 - Issued - Reg.

Ref: 1) EC order dt. 05.03.2011 issued by the SEIAA, AP.
2) Industry's CFE application received through AP Single Desk Portal on 21.05.2018.
3) R.O's inspection report dt. 24.05.2018.
4) CFE Committee meeting held on 14.06.2018.

1. In the reference 2nd cited, an application was submitted to the Board seeking Consent for Establishment (CFE) for **Change of Product Mix** to produce the following products with installed capacities as mentioned below, with a project cost of Rs. 32 Crores.

As per CFE order dt. 05.07.2011:

Sl. No.	Name of the Products and By-products	Quantity
	Products:	
1	Sulphamethoxazole	1000 Kg/day
2	Carvedilol	50 Kg/day
	Total	1050 kg/day
	By- product:	
1	Sodium Sulphate	1159.83 Kg/day

After change of Product Mix:

Sl. No.	Name of the Products	Proposed quantity
1	Sulphamethoxazole	333.33 Kg/day
2	Carvedilol	300.00 Kg/day
3	Methacrylic Copolymer (L30D-55)	166.67 Kg/day
4	Methacrylic Copolymer (L100-55)	66.67 Kg/day
5	Hydoxy Propyl cellulose (HPC/HPMC)	66.66 Kg/day
6	Copovidone	50.00 Kg/day
7	Crospovidone	66.67 Kg/day
	Total	1050.00 kg/day
	By- product:	
	Sodium Sulphate	386.20 Kg/day

2. As per the application, the above activity is to be located within the existing premises at Sy.No.1212(P), 1213(P), 1214(P), 1215(P), APIIC Mega Industrial Park Kopparthi, Ambavaram (V), Vallur (M), Kadapa District in an area of 80,700 Sq. m or 8.07 Ha.

3. The above site was inspected by the Asst. Environmental Engineer-I, Regional Office, Tirupati, A.P Pollution Control Board on 23.05.2018 and observed that the site is surrounded by
- North** : Road connecting Ambavaram – Tadigatla Village.
South : M/s. Bindu Pyro Industry.
East : APIIC Road
West : APIIC Road
4. The Board, after careful scrutiny of the application, verification report of Regional Officer and recommendations of the CFE Committee, hereby issues **CONSENT FOR ESTABLISHMENT FOR CHANGE OF PRODUCT MIX** to the project under Section 25 of Water (Prevention & Control of Pollution) Act 1974 and Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and the rules made there under. **This order is issued to manufacture the products as mentioned at para (1) only.**
5. This Consent order issued is subject to the conditions mentioned in the Annexure.
6. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.
7. **This order is valid for period of 7 years from the date of issue.**

Encl: Annexure

Bandla Siva
Sankar Prasad

Digitally signed by Bandla Siva Sankar Prasad
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MEMBER SECRETARY

To

**M/s. Alcedo Pharmachem Pvt. Ltd.,
(Formerly M/s. Venshiv Pharma Chem Pvt.Ltd.),
Plot No.19/2,
HMDA Techno enclave Sector-III,
Madhapur, Hyderabad -500081
pratheek.gs@gmail.com**

- Copy to: 1. The JCEE, Z.O: Kurnool for information and necessary action.
2. The EE, R.O: Tirupati for information and necessary action.

Annexure

1. The proponent shall obtain Consent for Operation (CFO) from APPCB, as required Under Sec.25/26 of the Water (P&C of P) Act, 1974 and under sec. 21/22 of the Air (P&C of P) Act, 1981, before commencement of the trail runs.
2. The applicant shall provide separate energy meters for Effluent Treatment Plant (ETP) and Air pollution Control equipments to record energy consumed. An alternative electric power source sufficient to operate all pollution control systems shall be provided.
3. The industry shall construct separate storm water drains and provide rain water harvesting structures. No effluents shall be discharged in to the storm water drains.

Water:

1. The source of water is Bore well and Tankers from Nearby Village and the maximum permitted water consumption is as following:

S. No.	Purpose	Consented qty. as per CFE Order dt. 05.07.2011 (KLD)	Quantity after change of product mix (KLD)
1.	Industrial cooling, boiler feed.	9.00	9.00
2.	Domestic and gardening purposes.	2.00	2.00
3.	Processing, whereby water gets polluted and pollutants are easily bio- degradable.	---	---
4.	Processing, whereby water gets polluted and the pollutants are not easily bio-degradable.	13.14	13.14
Total		24.14	24.14

Separate meters with necessary pipe-line shall be provided for assessing the quantity of water used for each of the purposes mentioned above.

2. The maximum waste water generation shall not exceed the following:

Sl. No.	Source	Consented qty. as per CFE Order dt. 05.07.2011 (KLD)	Quantity after change of product mix (KLD)
LTDS			
1.	Cooling tower bleed of	3.00	3.00
2.	Boiler blow down	1.00	1.00
3.	Domestic	1.60	1.60
HTDS			
4.	Process	14.85	11.91
5.	Washings (Reactor, Floor washings, container washings, vehicle washings, etc.,)	1.00	1.00
6.	Scrubber system	1.50	1.50
7.	DM Plant regeneration	--	
Total		22.95 KLD	20.01 KLD

Treatment & disposal:

Source of effluent	Treatment	Mode of final disposal
High TDS (Process, Washings and Scrubber)	Neutralization, Stripper, Multiple effect Evaporator, centrifuge and drier	Condensate shall be sent to Biological treatment followed by R.O.system. Concentrated salts shall be sent to TSDF.
Low TDS (Boiler& Cooling Blow down)	Equilization tank, Neutralization tank, Aeration Tank, Secondary clarifier, Pre filtration tank,P.S.F, R.O system and sludge filter press.	<ul style="list-style-type: none"> Treated water shall be reused/recycled. R.O. rejects shall be sent to MEE along with HTDS effluents.
Domestic	---	Septic tank followed by soak pit.

- Effluents shall not be discharged on land or into any water bodies or aquifers under any circumstances.
- The industry shall provide magnetic flow meters with totalisers at the inlet of stripper, MEE, RO Plant and ETP.
- The industry shall install online real time monitoring system along with web camera facilities as per the directions of CPCB. The industry shall connect them to APPCB / CPCB websites as per CPCB directions.
- Floor washing shall be admitted into the effluent collection system only and shall not be allowed to find their way in storm drains or open areas. All pipe valves, sewers, drains shall be leak proof.

Air:

- The Air pollution Control equipment shall be maintained properly to comply with the following for controlling air pollution:

Sl. No	Details of Stack	Stack 1	Stack 2	Stack 3
a)	Attached to	Boiler	Boiler	D.G.Sets
b)	Capacity	1 x 4 TPH	1 x 1 TPH (standby)	1 x 250 KVA & 1 x 300 KVA
c)	Fuel	Coal	Coal	HSD
d)	Stack height above ground (m.)	Common chimney of height 30 m		--
e)	Air Pollution Control Equipment:	Dust collector and Cyclone		Acoustic enclosures

- A sampling port with removable dummy of not less than 15 cm diameter shall be provided in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc. A platform with suitable ladder shall be provided below 1 meter of sampling port to accommodate three persons with instruments. A 15 AMP 250 V plug point shall be provided on the platform.
- The industry shall provide the monitoring system to all the stacks / vents in the plant. Regular monitoring shall be carried out and report shall be submitted to the Regional officer.
- The industry shall provide multi-stage scrubbers to the process vents to control the process emissions. The industry shall provide online pH measuring facility with auto recording system to the scrubbers provided to treat the process emissions.

11. The industry shall provide VOC monitoring system with auto recording facility.
12. The industry shall implement adequate measures to control all fugitive emissions from the plant.
13. The proponent shall ensure compliance of the National Ambient Air quality standards notified by MoEF, GoI vide notification No. GSR. 826 (E), dated. 16.11.2009 during construction and regular operational phase of the project at the periphery.

The generator shall be installed in a closed area with a silencer and suitable noise absorption systems. The ambient noise level shall not exceed 75 dB(A) during day time and 70 dB(A) during night time.

14. The proponent shall not use or generate odour causing substances or Mercaptans and cause odour nuisance in the surroundings.
15. The industry shall send the used / spent solvents to the recyclers (or) process them at their own solvent recovery facility within the premises.
16. The evaporation losses in solvents shall be controlled by taking the following measures:
 - i) Chilled brine circulation shall be carried out to effectively reduce the solvent losses into the atmosphere.
 - ii) Transfer of solvents shall be done by using pumps instead of manual handling.
 - iii) Closed centrifuges shall be used to reduce solvent losses.
 - iv) All the solvent storage tanks shall be connected with vent condensers to prevent solvent vapours.
 - v) The reactor vents shall be connected with primary & secondary condensers to prevent escaping of solvent vapour emissions into atmosphere.

Solid Waste:

17. The industry shall comply with the following for disposal of Solid wastes:

Sl. No.	Type of waste	Consented qty. as per CFE dt. 05.07.2011	After Change of Product Mix	mode of disposal
1	Forced evaporation salts	1530 kg/day	350 kg/day	TSDf, Parwada for secured land fill.
2	ETP Sludge	35 kg/day	35 kg/day	TSDf, Parwada for secured land fill.
3	Waste oil	50 ltrs/month	50 ltrs/month	Authorized Recyclers / Re-Processors.
4	Used Batteries	1 No/Annum	4 Nos/Annum	To Authorized Recyclers on buy back basis.
5	Spent carbon	35 kg/day	35 kg/day	TSDf for incineration / Cement Kilns for co-processing.
6	Solvent residue	350 kg/day	190 kg/day	TSDf for incineration / Cement Kilns for co-processing.
7	Process organic waste	230 kg/day	230 kg/day	TSDf, Parwada for secured land fill.
8	Ash from boiler	1.2 TPD	1.2 TPD	To brick manufacturers.

18. The proponent shall place the chemical drums and / or any drums in a shed provided with concrete platform only. The Platform shall be provided with sufficient dyke wall and effluent collection system. 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.

19. The following rules and regulations notified by the MoE&F, Gol shall be implemented.
- Hazardous waste and other wastes (Management and Transboundary Movement) Rules, 2016.
 - Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989
 - Fly Ash Notification, 2016.
 - Batteries (Management & Handling) Rules, 2010.
 - E-Waste (Management) Rules, 2016.
 - Construction and Demolition waste Management Rules, 2016.

Other Conditions:

- The industry shall lift the FE salts to TSDF immediately.**
- The industry shall approach MoEF&CC, Gol for transfer of EC order dt. 05.03.2011 in their name.**
- Green belt shall be developed all along the boundary & vacant spaces with tall growing trees with good canopy and it shall not be less than 22% of the total area.
- The industry shall submit the information regarding usage of Ozone Depleting Substance once in six months to the Regional Office and Zonal Office of the Board.
- Concealing the factual data or submission of false information / fabricated data and failure to comply with any of the conditions mentioned in this order attracts action under the provisions of relevant pollution control Acts.
- Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves its right and power Under Sec. 27(2) of Water (Prevention and Control of Pollution) Act, 1974 and Under Sec.21(4) of Air (Prevention and Control of Pollution) Act, 1981 to revoke the order, to review any or all the conditions imposed herein and to make such modifications as deemed fit and stipulate any additional conditions.
- 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 such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of Water (Prevention and Control of Pollution)Act,1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.

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MEMBER SECRETARY

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