



**CONSENT ORDER FOR ESTABLISHMENT**

Order No. 296 /APPCB/CFE/RO-VJA/HO/2010

Dt: 21.06.2018

Sub: APPCB – CFE - M/s. Andhra Medi Pharma India (P) Ltd, Sy.No. 263/1, 2A, 2C, 3A, 3C, 4, 5, 6A, 6C, 7A, 7C, 8, Veeravalli (V), Bapulapadu (M), Krishna District - Consent for Establishment (CFE) of the Board for Expansion 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.24.01.2011 issued by MoE&F, Gol.  
2) CFE order dt. 26.03.2011.  
3) Industry's CFE application received through AP OCMMS on 02.06.2018.  
4) R.O's inspection report dt. 05.06.2018.  
5) CFE Committee meeting held on 14.06.2018.  
6) Industry's lrs. dt. 14.06.2018 & 19.06.2018.

1. In the reference 3<sup>rd</sup> cited, an application was submitted to the Board seeking Consent for Establishment (CFE) for Expansion to produce the following products with installed capacities as mentioned below, without any additional investment.

**Existing:**

Sl.No.	Name of the Products	Production capacity	
		As per EC order dt. 24-01-2011	As per CFE order dt. 26.03.2011
<b>Phase - I</b>			
1.	Glucosamine Hydrochloride	1200 kg/day	1000 kg/day
2.	Chondroitin Sulphate Sodium	120 kg/day	100 kg/day
<b>Phase - II</b>			
1.	Losartan Potassium	120 kg/day	100 kg/day
2.	Pantoprazole Sodium	20 kg/day	16.667 kg/day
3.	Topiramate	120 kg/day	100 kg/day
4.	Rabeprazole Sodium	20 kg/day	16.667 kg/day
5.	Valsartan	20 kg/day	16.667 kg/day
6.	Levetiracetam	120 kg/day	100 kg/day
<b>Total</b>		<b>1740 kg/day</b>	<b>1450 kg/day</b>

**After expansion:**

Sl.No.	Name of the Products	Quantity
<b>Group - A (Phase - I)</b>		
1.	Glucosamine Hydrochloride	1740 kg/day
<b>OR</b>		
<b>Group - B (Phase - I)</b>		
1.	Glucosamine Hydrochloride	1200 kg/day
2.	Chondroitin Sulphate Sodium	120 kg/day
<b>(Phase - II)</b>		
1.	Losartan Potassium	120 kg/day

2.	Pantoprazole Sodium	20 kg/day
3.	Topiramate	120 kg/day
4.	Rabeprazole Sodium	20 kg/day
5.	Valsartan	20 kg/day
6.	Levetiracetam	120 kg/day
<b>Total</b>		<b>1740 kg/day</b>

**Note:** The industry shall to manufacture only one group of products either Group – A or Group – B at any point of time.

**Max. production capacity of Group A (Phase – I) = 1740 kg/day.**

**Max. production capacity of Group B (Phase – I) + Phase – II = 1740 kg/day.**

- As per the application, the above activity is to be located in the existing premises at Sy.No. 263/1, 2A, 2C, 3A, 3C, 4, 5, 6A, 6C, 7A, 7C, 8, Veeravalli (V), Bapulapadu (M), Krishna District in an area of 5 acres.
- The above site was inspected by the Asst. Environmental Engineer-I, Regional Office, Vijayawada A.P Pollution Control Board on 02.06.2018 and observed that the site is surrounded by
  - North** : Open place and Mango garden
  - South** : Agricultural land and mango garden
  - East** : Palm Oil garden
  - West** : Donka Road followed by Ecyliptus plantation
- 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 EXPANSION** 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.**
- This Consent order issued is subject to the conditions mentioned in the Annexure.
- This order is issued from pollution control point of view only. Zoning and other regulations are not considered.
- This order is valid for period of 7 years from the date of issue.**

End: Annexure

**CHAIRMAN**

To

**M/s. Andhra Medi Pharma India (P) Ltd.,  
D.No.40-25-35/1, Opp. Kesava Towers,  
Ashram Street, Patamata lanka,  
Vijayawada – 520010.  
kishore@ampil.in**

Copy to: 1. The JCEE, Z.O: Vijayawada for information and necessary act.  
2. The EE, R.O: Vijayawada for information and necessary action.

**Annexure**

- 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 trial runs.
- 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.
- 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:**

- The source of water is Ground water and the maximum permitted water consumption is as following:

Sl.No.	Purpose	Quantity as per EC Order dt. 24.01.2011 (KLD)	Quantity as per CFE Order dt. 26.03.2011 (KLD)		Quantity After Expansion (KLD)
			Phase - I	Phase - II	
1.	Process	37.28	3.5	10.78	14.28
2.	Washings		1.0	2.0	3
3.	Boiler make up		4.0	4.0	8
4.	Cooling make up		2.0	4.0	6
5.	Scrubber make up		--	1.0	1
6.	Domestic		2.0	3.0	5
<b>TOTAL</b>			12.5	24.78	37.28

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

- The maximum waste water generation shall not exceed the following:

Sl. No.	Source	Quantity (KLD)		
		As per EC Order Dt: 24-01-2011	As per CFE Order dt: 26.03.2011	After Expansion
a)	HTDS & LTDS Effluents	26.7 KLD	18.2 KLD	18.2 KLD
b)	LTDS & LCOD effluents including Domestic Effluents (4 KLD)		8.5 KLD	8.5 KLD
<b>Total</b>			<b>26.7 KLD</b>	<b>26.7 KLD</b>

**Treatment & disposal after Expansion:**

Source of effluent	Treatment	Mode of final disposal
HTDS effluent	Reactor of capacity 2 KLD for evaporation.	Forced evaporation.
LTDS effluent i.e., floor wash, boiler blow down, cooling tower blow down and RO rejects.	Collection tank, Equalization cum Neutralization tank, Aeration tank and RO Plant	Recycle.
Domestic waste water	---	Septic tank followed by soak pit

- Effluents shall not be discharged on land or into any water bodies or aquifers under any circumstances.



7. The industry shall provide magnetic flow meters with totalisers at the inlet and outlet of the evaporator, ETP and RO Plant.
8. The industry shall install online continuous Effluent 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 and shall ensure that the system should be properly maintained.
9. 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.
10. In phase-2 the HTDS effluent shall be collected in neutralization time and sent to stripper followed by MEE. The condensate from MEE shall be sent for Bio-treatment as stipulated in the EC order.

**Air:**

11. The Air pollution Control equipment shall be installed along with the commissioning of the activity and shall comply with the following for controlling air pollution after Expansion:

S. No.	Source of Pollution	Control equipment provided	Stack height in m - above GL
1.	2 TPH Boiler	Cyclone Dust Collector	33 m
2.	250 KVA DG set	Acoustic enclosures	4 m

Sl. No	Details of Stack	Stack 1	Stack 2	Stack 3
a)	Attached to:	Boiler	Boiler	DG Set
b)	Capacity of Boiler	2 TPH	2 TPH	250 KVA
c)	Fuel	Coal/Biomass /Briquette	Coal/Biomass/Briquette	HSD
d)	Stack height	33 m	33 m	4 m
e)	Details of Air Pollution Control Equipment:	Cyclone dust collector	Cyclone dust collector	Acoustic enclosure with silencer

12. 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.
13. 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.
14. 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.
15. The industry shall provide VOC monitoring system with auto recording facility.
16. The industry shall implement adequate measures to control all fugitive emissions from the plant.
17. 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.

18. The proponent shall not use or generate odour causing substances or Mercaptans and cause odour nuisance in the surroundings.
19. The industry shall send the used / spent solvents to the recyclers (or) process them at their own solvent recovery facility within the premises.
20. 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:**

21. The industry shall comply with the following for disposal of Solid wastes after Expansion.

S. No.	Name of the Hazardous Waste	Quantity	Mode of final disposal
1.	Process Residue	2.21648 TPD	To TSDF, Parwada, VSP for incineration/ Authorized cement plants for Co-processing.
2.	Spent Carbon	212 Kg/day	
3.	Solvent Residue	0.56 TPD	
4.	Process Inorganic waste	115 Kg/day	To TSDF, Parwada, VSP for secured land fill.
5.	ETP Sludge	50 Kg/day	
6.	Hyflow	4 Kg/day	To TSDF, Parwada, VSP for secured land fill.
7.	FE Salts	0.42 TPD	
8.	Waste Oil from DG set	50 LPA	To authorized Reprocessors / Recyclers
9.	Container & container liners of hazardous chemicals & wastes	200 nos./annum	After detoxification, shall be disposed to outside agencies.
10.	Boiler ash	2 TPD	To Brick units.

22. 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.
23. The following rules and regulations notified by the MoEF&CC, Govt shall be implemented.
  - a) Hazardous waste and other wastes (Management and Transboundary Movement) Rules, 2016.
  - b) Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989.
  - c) Fly Ash Notification, 2016.
  - d) Batteries (Management & Handling) Rules, 2010.
  - e) E-Waste (Management) Rules, 2016.
  - f) Construction and Demolition waste Management Rules, 2016.

**Other Conditions:**

24. The industry shall comply with the following as committed vide Ir,dt.19.06.2018:
  - a) Glucosamine HCL shall not be manufactured in excess of consented quantity.
  - b) VOC analyzer shall be installed 10<sup>th</sup> July 2018.
  - c) MEE shall be operated in production of Phase-II products as stipulated in EC.
  - d) Shed for storage of FE salts and spent carbon shall be constructed by 31-7-2018.
  - e) The industry shall provide porthole and platform to the boiler stack by 31-7-2018.

- f) The industry shall send hazardous waste regularly to TSDF.
  - g) Scrubber shall be operated properly and fumes near filter press area shall be control by providing necessary control equipment.
25. 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 33% of the total area.
  26. 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.
  27. 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.
  28. 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.
  29. 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.

**CHAIRMAN**

To

**M/s. Andhra Medi Pharma India (P) Ltd.,  
D.No.40-25-35/1, Opp. Kesava Towers,  
Ashram Street, Patamata lanka,  
Vijayawada – 520010.  
kishore@ampil.in**