

MLLU8/PCB/2023/933

November 20, 2023

To,

**The Director,**

Regional Office (South Eastern Zone),

**Ministry of Environment and Forests and Climate Change,**1<sup>st</sup> and 2<sup>nd</sup> floor, HEPC Building, No. 34, Cathedral Garden Road,  
Nungambakkam, Chennai-600034.

Sir,

Sub: Mylan Laboratories Limited, Unit 8, Vizianagaram - Environmental clearance - Six months  
condition wise compliance report - Regarding.Ref: (i) MoEF Order No. F.No. J-11011/236/2006-IA II (I) dated:01.11.2006 & No. J-11011/101/2015-  
IA- II (I). dated: 18.12.2020.We are herewith submitting Half yearly condition wise compliance report for the EC order vide above  
cited reference for the period from 1<sup>st</sup> April 2023 to 30<sup>th</sup> September 2023.

Kindly acknowledge the receipt of the same.

Thanking you,

Yours truly,

**For Mylan Laboratories Limited, Unit-8.**

AUTHORIZED SIGNATORY.

Encl. As above

CC to: (i) The Environmental Engineer, Regional Office, APPCB, Vizianagaram.



## Vikram Vootukuru

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**From:** Srinivasa Anumula  
**Sent:** Wednesday, November 22, 2023 5:15 PM  
**To:** [ecompliance-ap@gov.in](mailto:ecompliance-ap@gov.in)  
**Subject:** Mylan Unit8 EC Compliance Apr'23-Sep'23  
**Attachments:** Mylan,Unit-8 H.yly compliance report Apr'23-Sep'23.pdf

Dear Sir,

Please find attached EC half yearly compliance report for the period of April-2023 to September 2023.

We request you to kindly acknowledge the receipt of the same.

Thanks & Regards

**Srinivasa Sharma. A**  
DGM-EHS (Environment)

### **Mylan Laboratories Limited**

#### **A Viatris Company**

Unit-8, G.Chodavaram (Vil), Poosapatirega (Mandal)  
Vizianagaram (Dist.) Andhrapradesh,India - 535 204

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Please think before you print.



View in other languages.

**MYLAN LABORATORIES LIMITED, UNIT-8,  
G. CHODAVARAM VILLAGE,  
POOSAPATIREGA MANDAL,  
VIZIANAGARAM DIST. A.P. - 535 204**

**Condition wise compliance to the MOEF conditions issued, vide  
Order F.No. J-11011/236/2006-IA II (I) dt.1.11.2006 & J-11011/101/2015-IA- II (I).dt.18.12.2020**

**For the Period from 1<sup>st</sup> Apr'2023 to 30<sup>th</sup> Sep'2023**

**A. SPECIFIC CONDITIONS:**

S. No	Condition	Compliance
i.	The gaseous emissions (SO <sub>2</sub> , NO <sub>x</sub> & HCL) and particulate matter from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system (S) adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.	<p><b>Complying with the condition</b></p> <p>All gaseous emission concentrations are well within the limit as per the standards prescribed by the authorities.</p> <p>All pollution control equipment's are under preventive maintenance and maintaining critical spares for smooth running of the plant. to avoid failures.</p> <p>In the event of any failure of pollution control system(s) adopted by the unit, adequate measures are in place to rectify the issue immediately, and manufacturing operations will be resumed only after pollution control equipment is placed in operation.</p>
ii.	Ambient air quality monitoring stations shall be setup in the downwind direction as well as where maximum ground level concentrations are anticipated in consultation with the APPCB.	<p><b>Complied with the condition</b></p> <p>Ambient Air Quality is being monitored by MoEF &amp; CC approved third party laboratory and AAQ monitoring stations are fixed in consultation with APPCB and carrying the monitoring as per the NAAQM guidelines.</p> <p>Also, installed online AAQM station in the plant premises for continuous AAQ monitoring. The parameters of monitoring through AAQMS are PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub>, Ammonia and CO.</p> <p>All monitoring parameters are within the prescribed standards. Monitoring reports are being submitted every Month to the RO, VZM. Here with enclosed acknowledgement copy and Monitoring Reports of Sep'23 as Annexure - 01.</p>

iii.	<p>For control of process emissions generated in the form HCL, the reactors shall be provided with ventury scrubbers and stacks of appropriate height as per the CPCB guidelines. The scrubbed water after neutralization shall be sent to ETP for further treatment. Company will provide bag filter &amp; multicyclones to control the particulate emissions from the boilers and stack height of 30 m shall be provided for the dispersion of pollutants. VOCs shall also be monitored along with other parameters.</p>	<p><b>Noted</b></p> <p>As per CFO condition, Scrubbers are installed and operated for controlling all process emissions. We have provided appropriate stack height for process scrubbers. The scrubbing liquid is being taken to ETP for further treatment.</p> <p>Electrostatic precipitator (ESP) is provided for 20 TPH &amp; 16 TPH boilers and stack is provided with a height of 40 meters.</p> <p>Bag filters and multi cyclone separators are provided for 5 TPH, 4 TPH and 2 TPH Boilers to control the particulate emissions from boilers, and stacks are provided with 30 meters of height.</p> <p>Periodical VOC monitoring is being carried out by MoEF &amp; CC authorized laboratory.</p> <p>VOC Monitoring Reports for the month of Sep'23 herewith enclosed for your reference as Annexure-01.</p>
iv.	<p>Spent solvents shall be recovered as far as possible &amp; recovery shall not be less than 95%. During purification process, solvent vapors are emitted from purification tanks as fugitive emissions. Action shall be taken to reduce the emissions as far as possible. Use of toxic solvents like Methylene chloride (M.C) etc. shall be minimum and benzene shall be replaced with alternate solvents. All venting equipment shall have vapor recovery system.</p>	<p><b>Complied with the condition</b></p> <p>Solvent Recovery Plants (SRPs) are being operated to recover spent solvents to the maximum extent possible and to reuse the same in the manufacturing process. Obtaining spent solvent recovery of 95% and above.</p> <p>Primary and secondary condensers are installed for all reactors wherever the solvent distillation is being carried out to control fugitive emissions.</p> <p>Closed loop (pipeline) transfer system with auto level sensors is installed to cutoff the solvents transfer to mitigate any fugitive losses while handling/transferring the solvents.</p> <p>Possible measures are being taken to reduce the consumption of toxic solvents (such as Methylene chloride, etc.,) in the manufacturing activities. We are not using Benzene solvent in our site.</p>
v.	<p>Industry shall switch over to aqueous based coating film in place of use of Methylene chloride in coating operation and to non- halogenated solvents in place of halogenated solvents in a phased manner.</p>	<p><b>Noted</b></p> <p>No coating operations are Involved in our manufacturing facility.</p>

vi.	<p>Hazardous and toxic waste generated during the process like distillation residue, spent carbon, spent mixture solvents, Process organic residue shall be incinerated in a properly designed incinerator with energy recovery facility. The incinerator shall meet the CPCB standards and guidelines.</p>	<p><b>Not Applicable.</b></p> <p>Site is not facilitated In-house incinerator.</p> <p>All Hazardous waste (such as; Distillation residues, spent carbon, spent mixture solvents, process organic residues etc.) are being disposed to TSDF, Parawada for AFRF/incineration or CPCB/APPCB approved cement plants for co-processing and preprocessing units.</p>
vii.	<p>The company shall undertake following waste minimization measures.</p> <ul style="list-style-type: none"> <li>➤ Metering and control of quantities of active ingredients to minimize waste.</li> <li>➤ Reuse of by products from the process as raw materials are as raw material substances in other processes.</li> <li>➤ Use of automated filling to minimize spillage.</li> <li>➤ Use of close feed system into batch reactors</li> <li>➤ Venting equipment through vapor recovery system.</li> <li>➤ Use of high-pressure hoses for equipment cleaning to reduce wastewater generation</li> </ul>	<p><b>Complied with the condition.</b></p> <ul style="list-style-type: none"> <li>➤ All the Materials are used in the manufacturing process by proper weightment /metering for exact quantities required.</li> <li>➤ It is not possible to reuse the By-products in the process as per GMP practice. Hence, By-products are disposed to recyclers as per CFO condition.</li> <li>➤ Automated filling systems are being used for controlling/minimizing spillages.</li> <li>➤ Closed feeding systems (such as; power charging systems, closed solvent pumping systems etc.) are imparted for feeding powders and solvents in batch reactors.</li> <li>➤ Primary and secondary condensers installed to reactors wherever the solvent distillation is being carried out to control solvent vapor losses.</li> <li>➤ High-pressure jets, Spray balls are being used for reactor and equipment cleanings to reduce the water consumption and wastewater generation.</li> </ul>
viii.	<p>Fugitive emissions in the work zone environment, product, and Raw material storage area shall be regularly monitored. The emission shall conform to the limits imposed by APPCB.</p>	<p><b>Noted.</b></p> <p>Fugitive emissions are periodically monitored by MoEF &amp; CC approved third party laboratory in work zone environment, product, raw material storage area etc.</p> <p>VOC monitoring report for the month of Sep'23 herewith enclosed as Annexure-01 for your ready reference.</p>

<p>x.</p>	<p>Total ground water requirement and effluent generation shall not exceed 970 M<sup>3</sup>/d and 700 M<sup>3</sup>/d respectively as per the permission accorded by the govt. and APPCB respectively. Effort shall be made to recycle and reuse maximum treated wastewater in the process and remain shall be disposed off in to the sea through a pipeline via a marine out fall after meeting the marine disposal standards as per guidelines of APPCB. The effluent shall be segregated in to High TDS and Low TDS streams. The high TDS x high COD effluents shall be forced evaporated and then incinerated in the incinerator. The Low TDS and Low COD effluent shall be treated in ETP through Equalization, Neutralization, settling and aerobic treatment methods. All other process water shall be subjected to reverse osmosis. Salts generated from the Multi-effect evaporator (MEE) will be sent to TSDF. The domestic wastewater shall be sent to the septic tank followed by the sock pit.</p>	<p><b>Complied with the condition</b></p> <p>The average freshwater consumption was 789.0 m<sup>3</sup>/day for the period from Apr'23 – Sep'23 against to the CFO permitted Qty 970 m<sup>3</sup>/day . Average effluent generation was 380 m<sup>3</sup>/day for the period from Apr'23 – Sep'23 against to the CFO permitted Qty 700 m<sup>3</sup>/day.</p> <p>The unit obtained consent for Operation from state Pollution Control Board for disposal of fresh water rejects only to the sea for 283 KLD and all other effluents are treated in ZLD system.</p> <p>However, since Feb'2020, Site has stopped disposal of freshwater RO rejects to marine and treating the same inhouse through RO system and reusing the same for utilities.</p> <p>Subsequently, Site amended CFO by removing marine disposal option and including option for Inhouse treatment of freshwater rejects in RO and reusing permeate for Boiler makeup, and RO rejects shall be routed to MEE to maintain ZLD system. CFO copy attached as <b>Annexure 02</b>.</p> <p>All effluents generated in site are segregated at source as HTDS and LTDS effluents. All HTDS effluents are treated through Stripper followed by MEE, and ATFD. The condensates generated from MEE &amp; ATFD are mixed with LTDS Effluent and further treated in biological ETP followed by RO plant. The salts generated from ATFD are being disposed to TSDF, for secured landfill/Pre-processing units. The Stripper VOCs (Distillate) are sent to Cement units for co-processing as per state board directions. The LTDS effluents along with domestic Effluents are being Treated in Biological ETP, and outlet of Biological ETP final polished in RO (Reverse Osmosis) plant for recycle. The ETP sludge generated from ETP operations is being sent to TSDF for secure Landfill/Pre-processing units.</p> <p>ZLD unit Photographs attached as <b>Annexure 03</b>.</p>
<p>x.</p>	<p>The solid waste generated in the form of process waste including organic waste, Inorganic residue, hy-flow and spent carbon from the manufacturing activity. Metallic constituents added as catalysts and ETP salts sent to TSDF at Visakhapatnam. Fly ash shall be sold to the brick manufacturers. The solvents from mother liquor shall be recovered and reused in the plant operations.</p>	<p><b>Complied with the condition</b></p> <p>All the Hazardous wastes generated (such as ETP sludge, Evaporation salts, spent carbon, Organic Waste, Inorganic Wastes etc.), being disposed to TSDF / Authorized Cement plants/Pre-processing units as per the consent order.</p>

	Solid waste disposal plan shall be prepared and submitted to the CPCB for the disposal of solid waste containing soluble salts to find out alternate solution if any.	Fly ash generated from Boilers is being disposed to bricks manufacturers.  Solvent Recovery Plants (SRPs) are being operated to recover spent solvents to the maximum extent possible and to reuse the same in the manufacturing process.  Solid waste disposal plan was submitted to CPCB on 08.08.2006.
xi.	The company shall adopt surface as well as roof top rainwater harvesting measures to harvest the runoff water for recharge of ground water. Methods shall also be adopted for the conservation of water through and recycling and reusing the treated wastewater.	<b>Noted.</b>  As per CFO condition, Rainwater collection tanks are provided for the collection of first cut runoff rainwater and it is pumped & treated in in-house treatment facility, and treated water is recycled within the plant premises.
xii.	Green belt shall be provided in an area of 20 ha to mitigate the effects of fugitive emissions all around the plant. Development of green belt shall be as per the CPCB guidelines.	<b>Noted.</b>  As per the CFO condition, green belt has been developed and is being maintained.  Additionally, industry developed green belt in 50 Acres leased land which is adjacent to our facility.
xiii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the factories Act.	<b>Complied with the condition</b>  All the employees are covered under Annual health checkup program. and records are being maintained as per the Factories Act.
xiv.	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development should be submitted to the APPCB within three months of receipt of this letter for approval.	<b>Noted.</b>  Eco-development & social welfare activities are being conducted. Details enclosed as Annexure-04.
xv.	Existing primary health center shall be upgraded to 10-bedded hospital for the benefit of local people.	<b>Complied with the condition.</b>  Existing Primary Health Center at Pusapatirega village has been upgraded to 10 bedded hospital, and the facility is in use by the local people.
xvi.	The environmental clearance under the costal regulation zone (CRZ) notification, 1981 and subsequent amendments shall be obtained since proposal involves discharge of treated effluent in to the sea.	<b>Complied with the condition.</b>  As per our previous CFO, we had consent for 283 KLD Raw Water (Fresh Water) RO Rejects for marine disposal.  However, we had discontinued marine disposal.  Site amended CFO by removing marine disposal option and including option for Inhouse treatment of freshwater rejects in RO and reusing permeate for Boiler makeup, and RO rejects shall be routed to MEE to maintain

	ZLD system. Existing CFO copy attached as Annexure 02.
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**General Conditions:**

S. No.	Condition	Compliance
i.	The project authorities shall strictly adhere to the stipulations made by the Andhra Pradesh Pollution Control Board.	<b>Noted.</b>
ii.	At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	<b>Noted.</b> All the prescribed parameters for emission levels are within the stipulated limits. The same are being monitored by MoEF & CC approved third party laboratory once in a month. Monitoring Reports for the month of Sep'23 herewith enclosed for your reference as <b>Annexure-01.</b>
iii.	No further expansion or modifications in the plant shall be carried out without prior approval of the MoEF. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	<b>Noted.</b> No expansion or modification is carried without prior approval from MoEF & CC. Application will be submitted, in case of any expansion or modifications are proposed.
iv.	The project authorities shall be strictly comply with the rules and regulations under Manufacture, storage and import of Hazardous Chemicals Rules, 1989 as amended in October 1994 and January 2000. Authorization from the SPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes.	<b>Complied with the condition</b> Obtained necessary licenses for storage of Hazardous chemicals under the rules and regulations of Manufacture, Storage and import of Hazardous Chemical Rules, 1989 as amended in October, 1994 and January, 2000. A copy of PESO License herewith enclosed as <b>Annexure-05</b> for your reference. Authorization obtained for collection, treatment, storage, disposal of hazardous wastes, from APPCB, vide Order No. APPCB/VSP/VZN/13392/HO/CTO/1995 Dated: 07.03.2023. A copy of order herewith enclosed as <b>Annexure-02.</b>
v.	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Wastes (Management and handling) Rules 2003 Authorization from the A.P. Pollution control Board must be obtained for collections/ treatment/ disposal of hazardous waste.	<b>Complied with the condition</b> Complying Hazardous wastes handling and Management rules, 2016 and amendments thereof. The industry has obtained Authorization for collection, treatment, storage, disposal of hazardous wastes, from APPCB, vide Order APPCB/VSP/VZN/13392/HO/CTO/1995 Dated: 07.03.2023. A copy of order herewith enclosed as <b>Annexure-02.</b>



vi.	The overall noise levels in and around the plant area shall be kept well within the Standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environmental (Protection) Act, Rules, 1989 viz. 75 DBA (daytime) and 70 dBA (night time).	<p><b>Complied with the Condition</b></p> <p>Noise control equipments (such as; acoustic enclosures, silencers etc.) are provided as per guidelines.</p> <p>Periodical Ambient Noise monitoring is carryout by MoEF &amp; CC authorized laboratory as prescribed under Environment (Protection) Act, 1989.</p> <p>Monitoring reports for the month of Sep'23 herewith enclosed as Annexure-01 for your ready reference.</p>
vii.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA report.	<p><b>Complied with the condition</b></p> <p>Complied with the environmental protection measures and safeguards recommended in the Environmental Impact Assessment Report.</p>
viii.	A separate Environmental Management cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	<p><b>Complied with the condition</b></p> <p>A dedicated Environment management cell is established, which is headed by Deputy General Manager, directly reporting to Site &amp; Corporate Heads, containing the team of 22 members and assisted by 60 contract workers.</p> <p>Full-fledged Environmental laboratory facility is established with all necessary equipment for Wastes and Wastewater analysis.</p>
ix.	As proposed in EIA / EMP, Rs.12.00 Crores earmarked for the environmental protection measures shall be judiciously utilized to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The fund so provided shall not be diverted for any other purpose.	<p><b>Complied with the condition</b></p> <p>Dedicated cost center established for managing environmental activities and fulfilling the time-to-time directions issued by the Board (MoEF&amp; CC, CPCB &amp; APPCB).</p> <p>As on now, Rs.70.84 Crores capitalized for environment protection measures. Details of investment on pollution control equipment herewith enclosed as Annexure-06 for your ready reference.</p>
x.	The implementation of the project vis-à-vis environmental action plans shall be monitored by Ministry's Regional Office at Bangalore / SPCB / CPCB. A six-monthly compliance status report shall be submitted to monitoring agencies.	<p><b>Noted.</b></p> <p>Project was completed and EC converted to CFO in long back.</p> <p>Half yearly condition wise compliance reports are being submitted through mail to MoEF &amp; CC, as per schedule. A copy of acknowledgment for latest submitted copy (i.e.,26<sup>th</sup> May'2023) herewith enclosed as Annexure -07.</p>

xi.	<p>The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available With the SPCB/Committee and may also be seen at Website of the Ministry at <a href="http://envfor.nic.in">http://envfor.nic.in</a>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the Region of which one shall be in the vernacular language of the locality concerned and a Copy of the same shall be forwarded to the Ministry's Regional Office at Bhopal.</p>	<p><b>Complied with the condition</b></p> <p>According to the guidelines, informed to public through advertisement in local newspapers and a copy forwarded to the Ministry's Regional Office.</p>
xii.	<p>The Project authorities shall inform the regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the Date of start of the project.</p>	<p><b>Complied with the condition</b></p> <p>The project is taken up in phase manner we informed all concerned authorities upon completion of the total project.</p>



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Web : www.mylanlabs.in

CIN : U24231TG1984PLC005146

MLLU8/PCB/2023/924

October 9, 2023

To,  
The Environmental Engineer,  
A.P. Pollution Control Board,  
Regional Office,  
Vizianagaram-535002.

Sir,

Sub: Submission of Monthly Reports for the month of September-2023 - M/s. Mylan Laboratories Limited, G. Chodavaram (V), Pusapatirega (M), Vizianagaram District - Reg.

We are herewith submitting Monthly Reports for the Month of September - 2023 for your perusal and records as mentioned below.

- 1) Annexure - I: Fly Ash generation & Utilization report.
- 2) Annexure - II: Third-party Environmental Monitoring Reports.

This is for your kind information and records.

Kindly acknowledge receipt of the same.

Thanking you,

Yours faithfully,

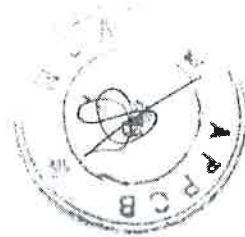
For Mylan Laboratories Limited, Unit-8.

CC: mylan  
29/10/23

A handwritten signature in black ink, appearing to be 'A. Mylan'.

AUTHORIZED SIGNATORY.

Encl. As above.





# LAWN ENVIRO ASSOCIATES

[Engineers & Consultants in Pollution Control]

Branch Office: 100, D.P. Srinivas Reddy Road, Hyderabad - 500023  
Head Office: 100, D.P. Srinivas Reddy Road, Hyderabad - 500023

## TEST REPORT

REF. NO. LAWN/MYLAN-VIII/2023

Date: 04-10-2023

### AMBIENT AIR QUALITY DATA

Name of the Industry & Address : M/s. MYLAN LABORATORIES LIMITED, (UNIT-VIII),  
G. Chowdavaram (V), A. Pusapatirega (M),  
Vizianagaram (Dist) - 535 204.

Location	SAMPLE-1	SAMPLE-2	SAMPLE-3	LIMIT	PROTOCOL
1. Date of sampling	: 27-9-2023	27-9-2023	27-9-2023	--	--
2. Total time of monitoring	: 24 hr	24 hr	24 hr	--	--
3. Average flow rate (cum/m)	: 1.08	1.03	1.14	--	--
4. Particulate Matter Concentration ( $\mu\text{g}/\text{m}^3$ )-PM <sub>10</sub>	: 45	56	52	<100	IS:5182 (Part-23); 2017
5. Particulate Matter Concentration ( $\mu\text{g}/\text{m}^3$ )-PM <sub>2.5</sub>	: 22	28	25	<60	IS:5182 (Part-24); 2019
6. Sulphur Dioxide (SO <sub>2</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )	: 06	13	10	<50	IS:5182 (Part-2); 2018
7. Nitrogen Dioxide (NO <sub>2</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )	: 8.50	7.20	8.90	<50	IS:5182 (Part-6); 2017
8. Lead (Pb) Concentration ( $\mu\text{g}/\text{m}^3$ )	: 0.11	0.19	0.13	<1.0	IS:5182 (Part-22); 2019
9. Carbon monoxide (CO) Concentration (mg/m <sup>3</sup> )	: 0.83	1.06	0.93	<2.0	IS:5182 (Part-10); 2019
10. Ammonia (NH <sub>3</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )	: 11.80	12.90	13.40	<400	IS:5182 (Part-25); 2018
11. Ozone (O <sub>3</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )	: 10	15	13	<100	IS:5182 (Part-9); 2019
12. Benzene (C <sub>6</sub> H <sub>6</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )	: <0.02	<0.02	<0.02	<0.5	IS:5182 (Part-11); 2017
13. Arsenic (As) Concentration (ng/m <sup>3</sup> )	: ND	ND	ND	<0.6	NAAQMS/30/2012-13
14. Nickel (Ni) Concentration (ng/m <sup>3</sup> )	: ND	ND	ND	<20	IS:5182 (Part-26); 2020
15. Benzo pyrene (Bap) Particulate phase Concentration (ng/m <sup>3</sup> )	: ND	ND	ND	<0.1	NAAQMS/36/2012-13

Note: I) 1. Sample location-01 North east corner near main gate

2. Sample location-02 South corner near MB-16

3. Sample location-03 West corner near MB-08

II) Three samples of ambient air was collected by our representative

AUTHORISED SIGNATORY

- 1. RESPIRABLE DUST SAMPLER MODEL / SL. NO. / FS NO. RES 9090 / 040140, CALIBRATED ON 31-12-2022, DUE ON 30-12-2023
- 2. RESPIRABLE DUST SAMPLER MODEL / SL. NO. / FS NO. RES 9090 / 040139, CALIBRATED ON 31-12-2022, DUE ON 30-12-2023
- 3. RESPIRABLE DUST SAMPLER MODEL / SL. NO. / FS NO. RES 9090 / 956258, CALIBRATED ON 31-12-2022, DUE ON 30-12-2023

Head Office: LAWN HOUSE, 2154-G, Mungahar Naga, Hyderabad - 500036, TEL: 040-26231993, 26231994, FAX: 040-26231992

Branch Office: D.P. Srinivas Reddy Road, Hyderabad - 500023, Head Office: Chowdavaram Colony, Vizianagaram, Andhra Pradesh - 535204, TEL: 091103097

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# LAWN ENVIRO ASSOCIATES

Environmental & Pollution Control Services  
10/10, 10/11, 10/12, 10/13, 10/14, 10/15, 10/16, 10/17, 10/18, 10/19, 10/20, 10/21, 10/22, 10/23, 10/24, 10/25, 10/26, 10/27, 10/28, 10/29, 10/30, 10/31, 11/1, 11/2, 11/3, 11/4, 11/5, 11/6, 11/7, 11/8, 11/9, 11/10, 11/11, 11/12, 11/13, 11/14, 11/15, 11/16, 11/17, 11/18, 11/19, 11/20, 11/21, 11/22, 11/23, 11/24, 11/25, 11/26, 11/27, 11/28, 11/29, 11/30, 12/1, 12/2, 12/3, 12/4, 12/5, 12/6, 12/7, 12/8, 12/9, 12/10, 12/11, 12/12, 12/13, 12/14, 12/15, 12/16, 12/17, 12/18, 12/19, 12/20, 12/21, 12/22, 12/23, 12/24, 12/25, 12/26, 12/27, 12/28, 12/29, 12/30, 12/31

10/10/2023

REF.NO: LAWN/MYLAN-VIII/2023

Date: 04-10-2023

## STACK MONITORING DATA

Name of the Industry & Address : M/s. MYLAN LABORATORIES LIMITED, (UNIT-VIII),  
G. Chowdavaram (V), A. Pusapatirega (M),  
Vizianagaram (Dist) - 535 204.

Sample Particulars : One sample of Stack emission from 4TPH Boiler was collected by our representative

Date of Sampling : 27-9-2023

### PROTOCOL

1. Stack diameter (m)	1.0	
2. Stack cross sectional area (sq m)	0.785	
3. Flue gas temperature ( <sup>o</sup> C)	122	IS 11255 (Part-3), 2018
4. Exit velocity of flue gases (m/sec)	4.91	IS:11255 (Part-3); 2018
5. Flow rate (cum/hr)	13,876	IS:11255 (Part-3); 2018

### EMISSION DATA

### LIMIT

6. Suspended particulate matter Concentration (mg/Nm <sup>3</sup> )	73	<100	IS:11255 (Part-1); 2019
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AUTHORIZED SIGNATURE

STACK MONITORING KIT MODEL NO: APM-160/51 No. IS-DTC-2012, Calibrated On 01-04-2023, Due On 31-03-2024  
M/s. LAWN ENVIROTECH SERVICES.



# LAWN ENVIRO ASSOCIATES

Engineering & Consultants in Pollution Control

## TEST REPORT

REF NO: LAWN/MYLAN-VIII/2023

Date: 04-10-2023

### STACK MONITORING DATA

Name of the Industry & Address : M/s. MYLAN LABORATORIES LIMITED, (UNIT-VIII),  
G. Chowdavaram (V), A. Pusapatirega (M),  
Vizianagaram (Dist) – 535 204.

Sample Particulars : One sample of Stack emission from 20TPH Boiler was collected by our representative

Date of Sampling : 27-9-2023


#### PROTOCOL

1. Stack diameter (m)	: 1.75	--
2. Stack cross sectional area (sq m)	: 2.40	--
3. Flue gas temperature ( $^{\circ}$ C)	: 162	IS:11255 (Part-3); 2018
4. Exit velocity of flue gases (m/sec)	: 7.50	IS:11255 (Part-3); 2018
5. Flow rate (cum/hr)	: 64,800	IS:11255 (Part-3); 2018

#### EMISSION DATA

#### LIMIT

6. Suspended particulate matter Concentration ( $\text{mg}/\text{Nm}^3$ )	: 29	<50	IS:11255 (Part-1); 2019
7. Sulphur dioxide Concentration ( $\text{mg}/\text{Nm}^3$ )	: 306	<600	IS:11255 (Part-2); 2019
8. Oxides of nitrogen Concentration ( $\text{mg}/\text{Nm}^3$ )	: 130	<300	IS:11255 (Part-7); 2017

  
AUTHORISED SIGNATORY

STACK MONITORING KIT - MODEL NO. APM-1605H No. IS-DTC-2012, Calibrated On 01-04-2023, Due On 31-03-2024  
Mr. LATA ENVIRO TECH SERVICES.

Head Office: "LAWN ENVIRO" - 161-C, Vengalrao Street, Hyderabad - 500006, India. P. 0848730225, 08480025, Fax: 011-60730400

Branch Office: D.No.31-58-103, 5th-71, 1st phase 7, Road No.4, Lakshminagar Colony, Banjara Hills, Hyderabad, 500016, India. P. 0848730225, 08480025, Fax: 011-60730400

Website: [www.lawnenviro.com](http://www.lawnenviro.com)



# LAWN ENVIRO ASSOCIATES

Environmental & Compliance Services  
100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

## TEST REPORT

REF.NO. LAWN/MYLAN-VIII/2023

Date: 04-10-2023

### STACK MONITORING DATA

Name of the Industry & Address : M/s. MYLAN LABORATORIES LIMITED, (UNIT- VIII)  
G. Chowdavaram (V), Pusapalirega (M),  
Vizianagaram (Dist.) - 535 204.

	SAMPLE-1	SAMPLE-2	PROTOCOL
1. Date of sampling	: 28-9-2023	28-9-2023	--
2. Stack diameter (m)	: 0.33	0.30	--
3. Stack cross sectional area (sq m)	: 0.085	0.0707	--
4. Flue gas temperature (°C)	: 138	132	IS:11255 (Part-3); 2018
5. Exit velocity of flue gases (m/sec)	: 4.52	4.16	IS:11255 (Part-3); 2018
6. Flow rate (cum/hr)	: 1,383	1,059	IS.11255 (Part-3); 2018
<b>EMISSION DATA</b>			<b>LIMIT</b>
7. Suspended particulate matter Concentration (mg/N m <sup>3</sup> )	: 41	37	<100 IS:11255 (Part-1); 2019

Note: I) 1 Stack attached to the Thermic fluid heater (MB-15 back side)  
2 Stack attached to the Thermic fluid heater (Utility - 05 back side )  
II) Two samples of Stack Emission was collected by our representative

  
AUTHORISED SIGNATORY

STACK MONITORING KIT MODEL NO: APM-180/51 No. 15-DTC-2012. Calibrated On 01/04/2023, Due On 31/03/2024  
M/s. LAWN ENVIRO TECH SERVICES.



# LAWN ENVIRO ASSOCIATES

[Engineers & Consultants in Pollution Control]

ISO 9001:2015 Certified | ISO 14001:2015 Certified | ISO 45001:2018 Certified

## TEST REPORT

REF.NO: LAWN/MYLAN-VIII/2023

Date: 04-10-2023

### STACK MONITORING DATA

Name of the Industry & Address : M/s. MYLAN LABORATORIES LIMITED, (UNIT-VIII),  
G. Chowdavaram (V), A. Pusapatirega (M),  
Vizianagaram (Dist) - 535 204.

Sample Particulars : Stack attached to the 1250 KVA D.G. Set (1805) (Morethan 800kW)  
Date of Sampling : 27-9-2023

### PROTOCOL

- 1. Stack diameter (m) : 0.35
- 2. Stack cross sectional area (sq m) : 0.096
- 3. Flue gas temperature (°C) : 288 IS:11255 (Part-3); 2018
- 4. Exit velocity of flue gases (m/sec) : 17.30 IS:11255 (Part-3); 2018
- 5. Flow rate (cum/hr) : 5,979 IS:11255 (Part-3); 2018

### EMISSION DATA

### LIMIT

- 6. Suspended particulate matter Concentration (mg/Nm<sup>3</sup>) : 67 <75 IS:11255 (Part-1); 2019
- 7. Oxides of nitrogen (NO<sub>2</sub>) Concentration (ppmv) : 260 <710 IS:11255 (Part-7); 2017
- 8. Carbon monoxide (Co) Concentration (mg/Nm<sup>3</sup>) : 51 <150 USEPA
- 9. Non-methane Hydrocarbons (as C) Concentration (mg/Nm<sup>3</sup>) : 03 <100 USEPA

AUTHORISED SIGNATORY

STACK MONITORING KIT MODEL NO. APM-12075 No. 13-DTG-2012, Calibrated On 01-04-2023, Due On 31-03-2024  
M/s. LAWA ENVIROTECH SERVICES





# LAWN ENVIRO ASSOCIATES

Engineers & Surveyors in Civil, Electrical & Mechanical

10/1, 1st Floor, P. V. Subbarao Street, Chittoor - 517 002, Andhra Pradesh

TEST REPORT

REF. NO: LAWN/MYLAN-VIII/2023

Date: 04-10-2023

## NOISE QUALITY DATA

Name of the Industry & Address : M/s. MYLAN LABORATORIES LIMITED, (UNIT-VIII),  
G. Chowdavaram (V), A. Pusapatirega (M),  
Vizianagaram (Dist) - 535 204.

Location	Levels in dB (A)	
	Day Time	Night Time
1. Periphery of north east corner near Main gate	60.80	55.70
2. Periphery of east south corner near RMS house - 6	58.10	53.20
3. Periphery of south west corner near SRP - II	67.90	62.90
4. Periphery of north corner near MB-8	65.20	60.50

- Note:**
1. Samples are collected by our representative on 27-9-2023
  2. Day time is reckoned in between 6.0 am and 10.0 pm - Limit <75 dB (A)
  3. Night time is reckoned in between 10.0 pm and 6.0 am - Limit <70 dB (A)
  4. Instrument make - Lutron SL - 4001 / G-49271, Calibrated On 22-03-2023, Due On 21-02-2024
  5. G.S.R. 158 (E) Dated. 09-03-2009 The Environment (Protection) Rules, 1986 (See Rule 3)

  
AUTHORIZED SIGNATORY



# LAWN ENVIRO ASSOCIATES

Environmental & Compliance Consultants

Head Office: 114/4, Mangaluru, Legal Metrology - 501 036, U.T. Chandernagore, District - Karaikal, India  
Branch Office: 114/4, Mangaluru, Legal Metrology - 501 036, U.T. Chandernagore, District - Karaikal, India

## TEST REPORT

REF.NO: LAWN/MYLAN-VIII/2023

Date: 04-10-2023

### VOC MONITORING

Name of the Industry & Address : M/s. MYLAN LABORATORIES LIMITED, (UNIT-VIII),  
G. Chowdavaram (V), A. Pusapatirega (M),  
Vizianagaram (Dist) - 535 204.

Sample Particulars : Eight samples of VOC was collected by our representative.  
Date of Monitoring : 27-9-2023

S.NO.	LOCATION	Concentration of Volatile Organic Compounds in ppm
1.	Near Hazardous Waste Storage Area	0.50
2.	Near ETP Area	1.10
3.	Near SRP - 1	1.60
4.	Near SRP - 2	1.30
5.	Near QC Lab - 1	0.90
6.	Near Pesto Tanks Area	1.20
7.	Near Warehouse	0.40
8.	Near MB - 01	1.50

Instrument Name : VOC METER  
Make : ENVIROTECH  
Model : APM 650; SI No. 93-DTE-2006; Calibration On 09-03-2023, Due On 03-03-2024

AUTHORIZED SIGNATORY



**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**  
**CONSENT TO OPERATE & AUTHORIZATION ORDER**

**Consent Order No : APPCB/VSP/VZN/13392/HO/CTO/1995- Dt. 07/03/2023**

CONSENT is hereby granted to Operate 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. Mylan Laboratories Limited, (Unit-VIII)**  
**(Change of Product Mix)**  
**G. Chodavaram (V), Pusapatirega (M),**  
**Vizianagaram District, Andhra Pradesh.**  
**E-mail: srinivasa.anumula@mylan.in**

(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>Quantity (in KLD)</b>	<b>Point of Disposal</b>
1)	High TDS Process and Wash Effluents	309.0	<ul style="list-style-type: none"> <li>• Shall be stripped off for recovery of organics in the stripper.</li> <li>• Stripped bottoms shall be sent to MEE followed by ATFD.</li> <li>• MEE &amp; ATFD condensate shall be treated in Biological ETP.</li> <li>• ATFD salts shall be disposed to TSDF/Pre-processors through APEMC.</li> <li>• Stripper condensate shall be disposed to cement plant for co-processing / authorized preprocessing units through M/s. APEMC.</li> </ul>
2)	Low TDS Effluents	239.0	<ul style="list-style-type: none"> <li>• Shall be treated in Biological ETP followed by Primary RO, secondary RO.</li> <li>• RO's permeate shall be recycled for utilities.</li> </ul>

			<ul style="list-style-type: none"> <li>• RO Rejects shall be fed to MEE System</li> </ul>
3)	Boiler Blow Down, Cooling Tower Bleed Off, DM Plant & Softener Effluents	110.0	<ul style="list-style-type: none"> <li>• Shall be treated in Biological ETP followed by RO systems.</li> <li>• After treatment, RO permeate shall be recycled to utilities and RO rejects shall be routed through MEE</li> </ul>
4)	Domestic	42.0	<ul style="list-style-type: none"> <li>• Shall be treated in biological ETP.</li> <li>• After treatment, the permeate shall be recycled to utilities and rejects shall be routed through MEE</li> </ul>
5)	Raw Water (Fresh Water) RO Rejects	283.0	<ul style="list-style-type: none"> <li>• Shall be treated in RO system; RO permeate shall be used for utilities; and RO rejects shall be routed to MEE so as to maintain ZLD system.</li> </ul>
	Total	983.0	

\*The industry shall restrict the waste water generation to 700 KLD as per the EC order dt.01.11.2006

**ii) Emissions from chimneys:**

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow (m <sup>3</sup> /hr)
1.	Attached to 1 x 20 TPH Coal Fired Boiler	--
2.	Attached to 1 x 5 TPH Coal Fired Boiler	
3.	Attached to 1 x 4 TPH Coal Fired Boiler	
4.	Attached to 1 x 16 TPH Coal Fired Boiler	
5.	Attached to 1 x 2 TPH Coal Fired Boilers (Standby)	--
6.	Attached to 3X2.0 Lakh K. Cal/Hr/ Thermic Fluid Heater	--
7-17	Attached to 4 x 1500 KVA DG set, 4 x 1250 KVA DG set (1 standby), 1x 1010 KVA DG set and 2x 500 KVA DG set	
18 -37	Attached to Process Emissions	

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

**M/s. Mylan Laboratories Limited, (Unit-VIII), G. Chodavaram (V), Pusapatirega (M), Vizianagaram District, Andhra Pradesh** 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 the hazardous waste	Stream	Quantity	Method of disposal
1.	Process organic	28.1	of 105.17	Shall be routed through M/s. APEMC

	residue	Schedule-I	TPM	disposed to TSDF, Parawada for incineration or authorized cement industries for co-processing / APPCB authorized pre-processing units.
2.	Spent carbon	28.3 of Schedule-I	17.07 TPM	
3.	Process inorganic salts	28.1 of Schedule-I	27.03 TPM	
4.	Distillation bottom residue	28.1 of Schedule-I	31.31 TPM	
5.	Off specified & discarded raw materials, chemicals & products	28.4 of Schedule-I	2.0 TPM	
6.	Spent solvents (colored)	28.6 of Schedule-I	300.0 TPM	
7.	Stripper VOC condensate	35.1 of Schedule-I	300.0 TPM	
8.	Discarded PPE	33.1 of Schedule -I.	1 TPM	
9.	ETP sludge	35.3 of Schedule-I	250.0 TPM	Shall be routed through M/s. APEMC to APPCB authorized
10.	Evaporation salts	35.3 of Schedule-I	449.55 TPM	pre-processing units / TSDF, Parawada for land fill
11.	Insulation waste (glass wool)	33.2 of Schedule -I.	2 TPM	Shall be routed through M/s. APEMC to TSDF, Parawada for land fill / to APPCB authorized pre-processing units
12.	contaminated Cotton rags	33.2 of Schedule -I.	0.5 TPM	

• **HAZARDOUS WASTES WITH RECYCLING OPTION:**

Sl.No.	Name of the hazardous waste	Stream	Quantity	Method of disposal
1.	Used oil / waste lubricating oil	5.1 of Schedule-I	3.0 TPM	Shall be routed through M/s. APEMC to Authorized re-processors / recyclers
2.	Mixed solvents / recovered solvents (colourless)	28.6 of Schedule-I	3,000 TPM	Shall be routed through M/s. APEMC disposed to Authorized re-processors / Recyclers / authorized cement industries for co-processing / APPCB authorized pre-processing units.
3.	Detoxified containers (drums / carboys/ containers)	33.1 of Schedule-I	4,000 Nos/month or 48 TPM	Shall be routed through M/s. APEMC to TSDF for detoxification and disposal / authorized pre-processing units (or) after complete detoxification to authorized Recyclers
4.	Detoxified liners	33.1 of Schedule-I	10,000 Kg/month	After complete detoxification, Shall be routed through M/s. APEMC authorized agencies , for reuse / recycle (or) to TSDF

				for detoxification and disposal / authorized cement industries for co-processing / APPCB authorized pre-processing units
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**Other Wastes (non- hazardous waste) details:**

Sl.No.	Name of the waste	Quantity	Method of disposal
1.	Coal ash	500 TPM	CWMP, Parawada / Brick manufacturers
2.	Metal scrap	100 TPM	To be sold out to recyclers
3.	Industrial garbage	30 TPM	Shall be routed through M/s. APEMC to
4.	Non-hazardous domestic / laboratory solid waste etc.,	1.0 TPM	TSDF, Parawada / to authorized cement industries for co-processing / APPCB authorized pre-processing units.
5.	Discarded bulbs, tube lights etc.,	0.5 TPM	CWMP, Parawada / authorized e-waste recyclers
6.	Paper, cotton waste, packing waste, ply wood, wooden boxes & carton	5.0 TPM	Sale to recyclers / CWMP, Parawada / cement industries for co-processing / APPCB authorized pre-processing units.
7.	E-waste	2.0 TPM	To authorized recycler
8.	Thermocol waste	2.0 TPM	Shall be disposed TSDF for incineration / cement industries for co-processing / authorized recyclers / APPCB authorized pre-processing units.

**The CTO order No.APPCB/VSP/VZN/13392/ HO/CFO/1995 dt.28.06.2022 valid upto 31.08.2027 stands cancelled from date of issue o this order. This consent order is valid for manufacturing the following products along with quantities indicated only:**

S.No.	Name of the Products	Quantity (Kg/day)	Quantity (TPA)
1.	Trazadone HCL	500.0	180.0
2.	Efavirenz (EFD 1 NBC (Grignard Reagent)	70.0	25.2
3.	Abacavir Sulfate	666.0	239.76
4.	Cytosine Menthyl Ester (CME Intermediate)	160.0	57.6
5.	Cyclohexyl Ester (CXE)	333.33	120.0
6.	Alendronate Sodium	50.0	18.0
7.	Propafenon HCL	3.33	1.2
8.	Fexofenadine HCL	3.33	1.2
9.	Emtricitabine	422.33	152.04
10.	Lanthanum carbonate	233.33	84.0
11.	Baclofen	3.33	1.2
12.	Ritonavir	266.66	96.0
13.	Atazanavir sulfate	240.0	86.4
14.	Clozapine	240.0	86.4
15.	Memantine HCL	50.0	18.0
16.	Risedronate Sodium	3.33	1.2

**File No.APPCB-11022/29/2018-TEC-CFO-APPCB**

17.	Valsartan	567.0	204.12
18.	Tenofovir	1360.0	489.6
19.	Lopi Rito Premix	433.0	155.88
20.	Quetiapine	3.33	1.2
21.	Pentaprazole Sodium	349.0	125.64
22.	Lansoprazole	3.33	1.2
23.	Acyclovir	186.0	66.96
24.	Defrasirox	65.0	23.4
25.	Lamivudine	66.67	24.00
26.	FCE	166.0	59.76
27.	Sildenafil Citrate	260.0	93.6
28.	Ambrisentan	33.0	11.88
29.	Atorvastatin Calcium	400.0	144
30.	Verenicline Tartrate	1.67	0.60
31.	Sofosbuvir	100.0	36
32.	Cobicistat	3.33	1.2
33.	Pentaprazole Megnesium	170.0	61.2
34.	Ledipasvir	3.33	1.2
35.	Daclatasvir	33.33	12.0
36.	Velpatasvir	33.33	12.0
37.	Reltagravir	3.333	12.0
38.	Dolutegravir	33.33	12.0
39.	Linagliptin	3.33	1.2
40.	Irbesartan	200.0	72.0
41.	Tenofovir Alafenaminde	33.33	12.0
42.	Sitagliptin HCl	200.0	72.0
43.	Dolutegravir Sodium (DGS)	166.67	60.00
44.	Tofacitinib	3.33	1.2
45.	Bictegravir Sodium	3.33	1.2
46.	Delamanid	76.65	27.59
47.	Apixaban	66.06	23.78
48.	Validation products	33.33	12.0
	Total	8305.0	2989.8
	Captive Power	2.5 MW	---

**The industry is permitted to manufacture above products with a maximum production capacity of 8305.0 Kg/day.**

**By-products:**

S.No.	Name of the By-product	Quantity (Kg/day)	Quantity (TPA)	Mode of Disposal
1.	Phosphate Salts	201.39	72.5004	Shall be sold to Authorized users / TSDF through M/s. APEMC
2.	Phosphorous Oxy Chloride	15.23	5.4828	
3.	Phosphate Salts	10.64	3.8304	

4.	Sodium bromide water	15.572	5.60592	
5.	Spent Chloromethyl – 2 – Isopropyl Carbonate	292.4	105.264	
6.	Tributyl tin chloride	1299.56	467.8416	
7.	Pentafluorophenol	38.10	13.716	

This order is subject to the provisions of 'the Acts' and the Rules' and orders made there under 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<sup>st</sup> day of August, 2027.**

**PRAVIN KUMAR IAS, MS(PK), O/o MEMBER SECRETARY-APPCB**

**To**

**M/s. Mylan Laboratories Limited, (Unit-VIII)  
G. Chodavaram (V), Pusapatirega (M),  
Vizianagaram District, Andhra Pradesh.**

**Copy to :**

1. The JCEE, Zonal Office, **Visakhapatnam** for information and necessary action.
2. The EE, Regional Office, **Vizianagaram** 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. 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.
4. 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.
5. 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.
6. 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.

7. 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.
8. 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.
9. 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.
10. The industry may explore the possibility of tapping the solar energy for their energy requirements.
11. The industry should educate the workers and nearby public of possible accidents and remedial measures.

**SCHEDULE-B**

**The industry shall comply with the following:**

1. The industry shall remove their marine outfall pipeline within one month, as committed during the meeting.
2. The industry shall install carbon absorption media to SRS unit as per CPCB SOPs within 15 days.
3. The industry shall provide CEMS to 16 TPH boiler and connect to APPCB website within one month.
4. The industry shall connect online pH meters provided at scrubbers to APPCB website within one month.
5. The industry shall connect VOC meters to APPCB website within one month.

**WATER POLLUTION:**

6. The source of water is Ground water and tankers. The following is the permitted water consumption:

S. No.	Purpose	Quantity (KLD)
1)	Process & Washings	470.0 KLD
2)	Cooling tower Makeup	150.0 KLD
3)	Boiler Feed	245.0 KLD
4)	DM Plant regeneration	30.0 KLD
5)	Softener Washings	10.0 KLD
6)	Domestic	50.0 KLD
7)	Gardening	15.0 KLD
	<b>Total</b>	<b>970.0 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.

7. The industry shall maintain HDPE tanks / impervious tanks / line tanks in the effluent collection tank (both locations at block and common collection point). Free space shall be maintained HDPE tanks to prevent overflow.
8. The LTDS and HTDS effluents shall be stored in above ground collection tanks separately.
9. The industry shall segregate the effluents and treat separately as stipulated. The industry shall operate Stripper, MEE & ATFD and Effluent Treatment Plant (ETP). All the units of the ETP system shall be impervious to prevent ground water pollution.
10. The industry shall provide digital flow meters with totalizers at inlet and outlet of stripper, MEE, ATFD, ETP & RO system to verify the quantity of effluent treated and data transmitted to APPCB website without interruption.
11. The industry shall maintain flow meters and web camera and data transmitted to CPCB APPCB website as per CPCB directions dated 05.02.2014 / 02.03.2015.
12. Effluents shall not be discharged onland or any water bodies or aquifers under any circumstances. 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.
13. 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.
14. Rain water shall not be allowed to mix with either trade or domestic effluents. Industry shall maintain storm water drains, properly.
15. The industry shall maintain rainwater runoff tank with pump for collection and storage of first flush contaminated storm water and the same shall be sent to ETP for further treatment. The industry shall maintain dry condition in outside drains during non-rainy season.

**AIR POLLUTION:**

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

Chimney No.	Parameter	Emission Standards (mg/Nm <sup>3</sup> )
1 to 5	Particulate Matter	100
18 - 37	HCl	35
	NH <sub>3</sub>	30
	Sulphuric acid mist	50
	Chlorine	15
Tank farm vents	HCl	35
	NH <sub>3</sub>	30
	Chlorine	15
	Benzene	5
	Toluene	100
	Acetonitrile	1000
	Dichloromethane	200
	Xylene	100
	Acetone	2000

- 17.The industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10mm) - 100 micrograms/ m<sup>3</sup>; PM2.5 (Particulate Matter size less than 2.5 mm) - 60 micrograms / m<sup>3</sup>; SO<sub>2</sub> - 80 micrograms / m<sup>3</sup>; NO<sub>x</sub> - 80 micrograms /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)
- 18.The industry shall operate 1 (one) CAAQM station for monitoring SPM, SO<sub>2</sub>, NO<sub>x</sub>, VOCs, Ammonia with recording facility and connected to APPCB website.
- 19.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.
- 20.The industry shall provide a sampling port with removable dummy of not less than 15 cm diameter 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.
- 21.The industry shall operate multi stage scrubber for scrubbing of process emissions at all emission sources. The industry shall maintain online pH meters to the scrubbers with auto recording facility. The details of chemicals consumption used in the scrubber shall be recorded & kept accessible for the inspecting officials of the Board.
- 22.The industry shall maintain online VOC analyzer and maintain the records.
- 23.The evaporation losses in solvents shall be controlled by taking suitable measures, which include:
- Chilled brine circulation to effectively reduce the solvent losses into the atmosphere.
  - Transfer of solvents by using pumps and closed conveyance instead of manual handling.
  - Closed centrifuges be used due to which solvent losses are reduced drastically.
  - The reactor vents are connected with primary & secondary condensers to catch the solvent vapours.
  - All the bulk solvent storage tanks are connected with vent condensers / nitrogen blanketing to prevent solvent vapours.
- 24.The industry shall not use odour causing substances such as Mercaptan or cause odour nuisance in the surroundings.

**GENERAL:**

- 25.The industry shall not manufacture new products and not exceed the individual products mentioned in this order.
- 26.The effluent discharged and emissions shall comply with the tolerance limits mentioned in MoEF notification dated 09.07.2009 prescribed for Pharmaceutical (Manufacturing and Formulation) industry and G.S.R. 541(E) dt. 06.08.2021 for Bulk Drug and Formulation (Pharmaceutical).
- 27.The industry shall store the hazardous waste in closed shed with dyke wall and leachate collection system.
- 28.The industry shall install & maintain hood on the top of the HTDS effluent storage

- tanks with vent connected to the scrubbers.
29. 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.
  30. The industry shall provide dyke wall to the ash silo.
  31. The industry shall take all safety measures and provide firefighting equipment in the plant.
  32. The industry shall maintain the following log books 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.
  33. The industry shall submit AAQ monitoring reports conducted by Authorized Agency every month.
  34. The industry should maintain good housekeeping within the plant premises.
  35. The industry shall comply with SoPs issued by CPCB time to time for all the wastes.
  36. The industry shall comply with the Standard Operating Procedure (SoP) and Checklist of Minimal Requisite Facilities for Utilization of Spent Solvent for Recovery of Solvent specified for Solvent Recovery Units issued by CPCB from time to time. The total cumulative losses of solvents shall not be more than 5% of the solvent on annual basis from storage inventory.
  37. 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.
  38. The industry shall submit the information regarding usage of Ozone Depleting Substance once in six months to the Board.
  39. 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:
    - a. Chlordecone,
    - b. Hexabromobiphenyl,
    - c. Hexabromodiphenyl ether and heptabromodiphenyl ether (commercial octa-BDE),
    - d. Tetrabromodiphenyl ether and pentabromodiphenyl ether (commercial penta-BDE),
    - e. Pentachlorobenzene,
    - f. Hexabromocyclododecane and
    - g. Hexachlorobutadine.
  40. The following rules and regulations notified by the MoF &CC, GoI 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.
- 41.The industry shall renew the PLI policy which includes Environmental Relief Fund (ERF) and submit copy to RO, Vizianagaram on yearly basis.
- 42.The industry shall install digital display boards at publicly visible places at the main gate indicating the products manufactured Vs permitted quantities, Treated effluent concentrations Vs discharge standards, Stack emission & AAQ concentrations Vs standards, hazardous waste generation, disposed, stock Vs permitted quantities and validity of CTO; and exhibit the CTO order at a prominent place in the factory premises, as per Hon'ble Supreme Court order.
- 43.The industry shall submit Half yearly compliance reports to all the stipulated conditions in Environmental Clearance (EC), Consent to Establishment (CTE) and Consent to Operation (CTO) 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.
- 44.The industry shall update the information in OCEMS - Industry Information Data Entry Software for Compliance Reporting Protocol in PART-II (Sections F & G) Every Quarter on 1st January, 1st April, 1st July and 1st October through this software system.
- 45.Any other directions / circulars / notices issued by CPCB, MoEF&CC and APPCB shall be followed from time to time.
- 46.The industry shall comply to the conditions stipulated in the EC & CFE Orders.
- 47.The conditions are stipulated without prejudice to the rights and contentions of this Board in any Hon'ble Court of Law.

**Special conditions:**

- 48.The industry shall possess valid NOC issued by the Andhra Pradesh State Disaster Response and Fire Service Dept., (APSDRFSD) and submit a copy at concerned Regional Office, APPCB.
- 49.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.
- 50.The industry shall extend training to the working personnel for the prevention of accidents and necessary antidotes to ensure safety, as per the MSIHC Rules, 1989.
- 51.The industry shall carryout 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.
- 52.The industry shall install fluorescent Wind Vane at the highest point in the industry premises.
- 53.The industry shall submit Risk analysis and risk assessment covering worst scenario clearly describing impact within the industry premises and outside the industry premises and emergency response system.
- 54.The industry shall submit the copy of the safety audit report and On-Site / Off Site Emergency Plans as applicable after being certified by the Factories Department to the APPCB, Regional Office from time to time, if the storage quantity of hazardous chemicals is equal to or, in excess of the threshold quantities specified in schedule 2 &

3 of MSIHC Rules, 1989.

**SCHEDULE – C**

***[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 enter an agreement with the Cement industries for disposal of incinerable waste or shall dispose to Alternative Fuel Raw material facility (AFRF) OR to TSDF for co-incineration.
11. 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.
12. The industry shall not store hazardous waste for more than 90 days as per the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
13. 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.
14. The industry shall transport the hazardous waste to cement industries only through vehicle fitted with GPS tracking system.
15. The industry shall maintain 7 copy manifest system for transportation of waste generated, as per HWM Rules, 2016. 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.
16. 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.

17.The industry shall route all the hazardous waste through M/s. APEMC.

**PRAVIN KUMAR IAS, MS(PK), O/o MEMBER SECRETARY-APPCB**

**To**

**M/s. Mylan Laboratories Limited, (Unit-VIII)**

**G. Chodavaram (V), Pusapatirega (M),**

**Vizianagaram District, Andhra Pradesh.**

**E-mail: srinivasa.anumula@mylan.in**

Signed by Pravin Kumar

ias

Date: 07-03-2023 18:48:27

Reason: Approved



**Mylan laboratories Limited, Unit 8**

**ZLD System unit Photographs**



Effluent collection Tank



Stripper, MEE & ATFD



Mylan laboratories Limited, Unit 8



Biological Treatment plant



Clarifier



Mylan laboratories Limited, Unit 8



RO Plant



RO Plant

## Mylan laboratories Limited, Unit 8

**Status of Eco-development & social welfare activities – Apr' 2023 to Sep'2023**

S. No	Focus Areas	Activity	Status as on date	Amount
01	Eco-Development	Adjacent to the plant 50 acres land green belt Development & Maintenance Half yearly charges.	Continue process	Rs. 4,00,000/-
<b>Total Spent in Rs /-</b>				<b>4,00,000</b>

10/10/22, 5:19 PM

about:blank



भारत सरकार

Government of India

वाणिज्य और उद्योग मंत्रालय

Ministry of Commerce &amp; Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)

Petroleum &amp; Explosives Safety Organisation (PESO)

रूम नं. 602, 6th फ्लोर,, सी. जी. ओ. टावर्स, कवडीगुडा

सिकंदराबाद- 500080

Room No. 602, 6th floor, C.G.O. Towers, Kavadiguda,  
Secunderabad - 500080

E-mail :

dyccehyderabad@explosives.gov.in

Phone/Fax No : 040 - 27540359

संख्या /No. : P/HQ/AP/15/3708 (P231576)

दिनांक /Dated : 10/10/2022

सेवा में

/To,

M/s. M/s Mylan Laboratories Limited., (Unit-8),  
Sy. No.44,56,57,59 & 71, G.Chodavaram (V),  
Poosapatirega (M),,  
G Chodavaram,  
Vizianagaram,  
Taluka: Pusapatirega,  
District: VIZIANAGARAM,  
State: Andhra Pradesh  
PIN: 500034

विषय Plot No, Sy.Nos. 44, 56, 57, 59 & 71, NA, G.Chodavaran (V), Poosapa Tirega Mandal,, Vizianagaram, Taluka:  
/Sub : Pusapatirega, District: VIZIANAGARAM, State: Andhra Pradesh, PIN: 535204 में स्थित पेट्रोलियम वर्ग A,B  
अधिष्ठापन - पेट्रोलियम नियम 2002 के अंतर्गत प्ररूप XV में जारी अनुज्ञप्ति सं P/HQ/AP/15/3708 (P231576) – संशोधन के  
संदर्भ में ।

Existing Petroleum Class A,B Installation at Plot No, Sy.Nos. 44, 56, 57, 59 & 71, NA, G.Chodavaran (V),  
Poosapa Tirega Mandal,, Vizianagaram, Taluka: Pusapatirega, District: VIZIANAGARAM, State: Andhra  
Pradesh, PIN: 535204- Licence No. P/HQ/AP/15/3708 (P231576) - granted in form XV under Petroleum Rules  
2002 - Amendment regarding

महोदय

/Sir(s),

कृपया आपके उपर्युक्त विषय से संबंधित पत्र संख्या OIN1166402 दिनांक 22/09/2022 का संदर्भ ग्रहण करें ।

Reference to your letter No. OIN1166402 dated 22/09/2022 on the above subject.

दिनांक 31/12/2024 तक वैध अनुज्ञप्ति संख्या P/HQ/AP/15/3708 (P231576) दिनांक 10/10/2022 निम्नलिखित वर्ग एवं  
मात्राओं में पेट्रोलियम भंडारण के लिए यथा संशोधित कर इस पत्र के साथ लौटाई जा रही है ।

Licence No. P/HQ/AP/15/3708 (P231576) dated 10/10/2022 valid upto 31/12/2024 is returned herewith duly  
amended with respect to Capacity Amendment,

पेट्रोलियम का विवरण /Description of Petroleum	किलोलीटरों में अनुज्ञप्ति क्षमता /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A, in bulk	520.00 KL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B, in bulk	80.00 KL
वर्ग ख प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम /Petroleum Class C, in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class C, otherwise than in bulk	NIL
कुल क्षमता /Total	600.00 KL

कृपया पावती दें।

Please acknowledge the receipt.

भवदीय /Yours faithfully,

((डा.आर.के.एस.चौहान)  
(Dr. R. K. S. Chauhan)  
विस्फोटक नियंत्रक  
Controller of Explosives  
कृते संयुक्त मुख्य विस्फोटक नियंत्रक  
For Jt. Chief Controller of Explosives  
सिकंदराबाद/Secunderabad

Copy forwarded to :-

1. The Dy. Chief Controller of Explosives, Visakhapatnam. A Copy of the licence along with approved plan is enclosed.

For Jt. Chief Controller of Explosives  
Secunderabad

**Note:-This is system generated document does not require signature.**

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट : <http://peso.gov.in> देखें)

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**Mylan laboratories Limited,Unit-8**  
**Investment on Environmental Protection from 2007- 2023**

S.No	Description	In Lakhs
1	Stripper, Multiple Effect Evaporator & Agitated Thin Film Dryer - 1	355
2	Multiple Effect Evaporator & Agitated Thin Film Dryer - 2	354
3	Old Biological ETP up gradation	124
4	350 KLD New ETP (Biological)	500
5	Reverse Osmosis Plants	407
6	Soda lime treatment Plant	20
7	Sludge Decanting system (Decanter)	20
8	Centralized detoxification facility	25
9	Segregation facility at source: Separate sumps for H-TDS & L-TDS and transfer pumps	40
10	Bag filters house for boilers	60
11	Scrubbers for Process areas	60
12	Closed filtration systems ( Agitated Nutche Filter cum Dryers )	520
13	Dry vacuum pumps instead of water ring / jet vacuum pumps	410
14	Fire hydrant sprinkler system, Public address system, Oxygen and LEL sensors	430
15	Solvent Recovery Plant -1	600
16	Solvent Recovery Plant -2	500
17	Environmental Laboratory upgradation	50
18	Rainwater containment facility	20
19	Guard Ponds	30
20	RCC platforms for storage of containers	50
21	High pressure water jets for water conservation (12 No's)	20
22	Online TOC Analyzer	20
23	New storage sheds for Hazardous waste	30
24	20 TPH boiler for MEE & ATFD systems	200
25	Above ground Effluent storage tanks (GPs)	87
26	Above ground HTDS effluent collection tanks	40
27	Centralized Ambient Air quality Station	60
28	Sludge De-watering system (Monobelt)	30
29	New rainwater containment facility	10
30	Solvent stripper- 2	56
31	Above ground effluent collection systems at Manufacturing blocks	30
32	Online real time monitoring systems	15
33	Above ground RCC tank for Effluent collection	120
34	MBR System for Bio effluent treatment system	80
35	Non-Hazardous waste collection compartments	10
36	Filter press (Sludge decanting system)	10
37	RO System for Fresh water RO rejects treatment	73
38	Sludge drying system (Sludge paddle dryer)	65
39	Scrubbing system for ATFDs	10
40	Scrubbing system for HCL storage tank	5.1
41	Scrubber with Hood system at Magnesium turnings decomposition area	6.5
42	Acid resistant tiles for MEE platform	7
43	Acid resistant tiles for Hazardous waste shed	4
44	Bomb Calorimeter	1
45	Sludge Decanting system (Decanter)	20
46	Acid proof tiling provided for production blocks effluent collection tank dykes and filter press area	7
47	Stripper VOC storage tanks provided with 40 KL capacity 02 No's	11
48	Flame arresters provided for VOC storage tanks	1
49	Conductivity Control System and Temp RTD system provided for both strippers	5
50	50 TR Cooling tower replace	2
51	Vacume pump for MEE plant	3
52	PPPU pumps (02 no's) for steam condensate transfer	6
53	Diffused Aeration system provision for Equalization tanks & Bio tower	17
54	Electro static Precipitator for 20 TPH Boiler	150
55	Calendria for MEE-2 (Replacement of existing damaged one)	20
56	Provision of Energy Meters to all the scrubbers	1
57	Provision of Data logger for scrubbers	2
58	Provision of detoxification area roof top	1
59	Detoxified containers storage platform	10
60	Cameras installation for the ETP & Gaurdpond areas	5
61	Provision of Lamella settler for the biooutlet	28
62	provision of Diffused Aeration system for Biological treatment plant	87
63	Provision of 2 no's online voc analyzers along with data logging facility	6
64	Provision of 1 no of SS AODD pump for mixed solvents transferring	2

65	RCC road provided from marine station to 5ton boiler area	15
66	RCC road provided at detoxification area	20
67	odour control sparaying system	1.5
68	Hoods provided for HTDS effluent collection tanks (2 no's)	25
69	150 KLD Reverse Osmosis Plants	80
70	Provision of Drum shredder	12
71	Agitated Thin Film Dryer - 3	220
72	Electro coagulation plant	70
73	Provision of 2 no's online voc analyzers at SRP 1&2 plants along with data logging facility	3
74	Provision of scrubbers & flowmeters data logging and online connectivity to APPCB	10
75	Provision of online CEMS for New 16TPH Boiler	4
76	Electro static Precipitator for 16TPH Boiler	150
77	provision of weather Monitoring station	2
78	Provision of additional Drum shredder	12
79	Stripper-200 KLD to meet operational requirements.	120
80	Stage 2 - RO Plant 200 KLD	200
81	Provision of New Filter press	12
82	Effluent storage tanks (MS & HDPE)	25
83	PLC Panels for RO Plant	25
84	Provision of 2 no's online voc analyzers at SRP 1&2 plants along with data logging facility	8
85	Provision of VOC vent absorption system for SRP 1 & 2	15
86	New Common Cooling Tower for MEE plant	100
87	Ambient Air Sampling stations	6
	<b>Total investment in Lakhs:</b>	<b>7084.1</b>
	<b>Total investment in Crore:</b>	<b>70.841</b>




**Mylan Laboratories Limited**

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E-Mail : mylan.india@mylan.in  
Web : www.mylanlabs.in  
CIN : U24231TG1984PLC005146

MLLU8/PCB/2023/884

May 26, 2023

✓  
To,**The Director,**

Regional Office (South Eastern Zone),

**Ministry of Environment and Forests and Climate Change,**1<sup>st</sup> and 2<sup>nd</sup> floor, HEPC Building, No. 34, Cathedral Garden Road,

Nungambakkam, Chennai-600034.

Sir,

Sub: Mylan Laboratories Limited, Unit 8, Vizianagaram - Environmental clearance - Six months condition wise compliance report - Regarding.

Ref: (i) MoEF Order No. F.No. J-11011/236/2006-IA II (I) dated:01.11.2006 & No. J-11011/101/2015-IA--II (I). dated: 18.12.2020.

We are herewith submitting Half yearly condition wise compliance report for the EC order vide above cited reference for the period from 1<sup>st</sup> October 2022 to 31<sup>st</sup> March 2023.

Kindly acknowledge the receipt of the same.

Thanking you,

Yours truly,

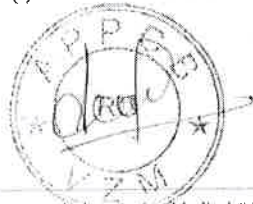
**For Mylan Laboratories Limited, Unit-8.**

26/05/23

26/05/23

**AUTHORIZED SIGNATORY.**Encl. As above

CC to: (i) The Environmental Engineer, Regional Office, APPCB, Vizianagaram.





## Vikram Vootukuru

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**From:** Srinivasa Anumula  
**Sent:** Friday, May 26, 2023 12:15 PM  
**To:** [eccompliance-ap@gov.in](mailto:eccompliance-ap@gov.in)  
**Subject:** Mylan Unit8 EC Compliance Oct-22 to Mar-23  
**Attachments:** Mylan Unit8 EC Compliance Oct-22 to Mar-23.pdf

Dear Sir,

Please find attached EC half yearly compliance report for the period of October-2022 to March-2023.

We request you to kindly acknowledge the receipt of the same.

Thanks & Regards

**Srinivasa Sharma. A**  
DGM-EHS (Environment)

**Mylan Laboratories Limited**  
**A Viatris Company**

Unit-8, G.Chodavaram (Vil), Poosapatirega (Mandal)  
Vizianagaram (Dist.) Andhrapradesh,India - 535 204

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