

PIL/MHD/C-58/MPCB/11/2023-2024

Date: 01/06/2023

To,  
The Member Secretary,  
State Level Environmental Impact Assessment Authority,  
Environment Department,  
Government of Maharashtra,  
15<sup>th</sup> Floor, New Administrative Building,  
Mantralaya, Mumbai - 400032.

**Sub :** - Six Monthly Compliance report to the conditions stated in EC letter dated on 03 December 2016 with letter reference no. EC SEIAA-Item No.74, Meeting No. 103.

**Ref :** - EC SEIAA-Item No.74, Meeting No.103. Dated 3<sup>rd</sup> December 2016.

Respected Sir,

Our project was considered in 127<sup>th</sup> SEAC-I meeting, Item No. 3 for Proposed increase in production capacity (expansion) of synthetic organic chemicals manufacturing facility by Pidilite Industries limited at Plot No. C-58, MIDC Mahad, Tahsil Mahad, Dist Raigad. And issued Environment clearance vide EC letter EC SEIAA-Item No.74, Meeting No.103. Dated 3<sup>rd</sup> December 2016.

We have implemented the suggestions as per EC conditions and have received CTO No. Format 1.0/CC/UAN NO.0000095682/CR-2011000799 dated 12.11.2020.

As per EC condition No.23, we are here with submitting our 13<sup>th</sup> six monthly report for EC conditions compliance.

Sr. No.	General Conditions	Compliance Status
(i)	This environment clearnce is issued subject to Zero Liquid Discharge (ZLD)	We are maintaining Zero liquid discharge. Generated process effluent used as total recycled <b>Annexure I - ETP Flow diagram</b>
(ii)	The project proponent to take precaution for the health and safety of the working people in the unit and also for protecting environment.	We are ISO 14001 and ISO 45001 certified company, working in factory as per EHS management policies. Like safety work permits, HAZOP studies recommendations implemented, Job safety analysis, Induction training.
(iii)	No additional land shall be used/acquired for any activity of the project without obtaining proper permission.	No additional land used/acquired.
(iv)	For controlling fugitive natural dust,	We have constructed roads for vehicles

Pidilite Industries Limited

Works

Plot No. C-58, M.I.D.C.,  
Mahad 402 309, Raigad, Maharashtra.

T + 91 02145 232929  
M + 9422247373 / 9422246717  
9422696846 / 7718897822

CIN : L24100MH1969PLC014336

Regd. Office  
Regent Chambers, 7th Floor,  
Jamnalal Bajaj Marg,  
208 Nariman Point, Mumbai 400 021.  
www.pidilite.com

Corporate Office  
Ramkrishna Mandir Road,  
Andheri (E), Mumbai 400059, India

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	regular sprinkling of water and wind shields at appropriate distance.	movements within factory premises. No any loose soil present in factory premises, so no dusting.														
(v)	Proper house keeping shall be maintained.	Proper housekeeping is maintained at our site as per work instruction no. C58/WI/HK/01														
(vi)	In the event of the failure of any pollution control system adopted by the unit, unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.	There was no such event reported till date. In the event of failure of Pollution control system the respective unit will be stopped and it will not be started until the desired efficiency has been achieved.														
(vii)	A stack of adequate height based on DG set capacity shall be provided.	DG set of 500 KVA is provided with 3.5* meter (Above the roof) stack height.														
(viii)	Rain water harvesting system installation.	<div>We have provided rain water harvesting system from last two years. At two location one is at plant building and another is at utility building. Plant building RW collected in Main underground storage tank and utility building RW collected in primary pit and used in cooling tower.</div> <table><tr><th>Year</th><th>Rain water Collected</th></tr><tr><td>2017-18</td><td>2386 M3</td></tr><tr><td>2018-19</td><td>1600 M3</td></tr><tr><td>2019-20</td><td>1338 M3</td></tr><tr><td>2020-21</td><td>1078 M3</td></tr><tr><td>2021-22</td><td>795 M3</td></tr><tr><td>2022-23</td><td>1098 M3</td></tr></table>	Year	Rain water Collected	2017-18	2386 M3	2018-19	1600 M3	2019-20	1338 M3	2020-21	1078 M3	2021-22	795 M3	2022-23	1098 M3
Year	Rain water Collected															
2017-18	2386 M3															
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2019-20	1338 M3															
2020-21	1078 M3															
2021-22	795 M3															
2022-23	1098 M3															
(ix)	Arrangements shall be made that effluent and storm water does not mixed.	Effluent collection and Storm water drains are separated, they are no where connected.														
(x)	Periodic monitoring of ground water shall be undertaken.	MIDC is not providing approval for boar well so presently it is not possible														
(xi)	Noise level shall be maintained as per std, for people working in high noise area requisite PPE like earplug shall be provided.	Periodic workplace monitoring is carried out & noise levels are below standard safer limits. PPE's like ear muff & ear plugs are also provided														

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(xii)	The overall noise level in and around the plant are shall be kept well within the standard by providing noise control measures including acoustic hoods,enclosures.	We are monitoring ambient noise level and the values are well below the specified ambient norms. <b>Annexture II- Noise level analysis report.</b>
(xiii)	Green belt development within premises.	We have developed green belt area. 586.75 Sq.Mt.
(xiv)	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of accident. Leak detection device shall be installed for early detection and warning.	We have fire fighting devices in plants such as hydrants, monitors, sprinklers and fire extinguishers. Also for leak detection we have installed gas detector in process area as well as storage area.
(xv)	Occupational health surveillance of the workers shall be done regular basis.	Annual health check up of employees is carried out by certified surgeon as per factories act 1948. Last check up done on 22.03.2023 to 23.03.2023.
(xvi)	The company shall make the arrangement for protection from possible fire hazard during manufacturing process in material handling.	For material handling we have provided pumps of adequate capacity. Material handled in closed system. We have provided gas detectors and fire alarms, fire hydrant tank of 500 m3 capacity which having 4 hrs fire fighting capacity.
(xvii)	The project authority must strictly Comply with the rules and regulations with regards to handling and disposal of hazardous waste. Authorization from MPCB shall be obtained for collection/treatment/storage/disposal of hazardous waste.	Complied. We have obtained CTO No. Format 1,0/CC/UAN NO.0000095682/ CR-2011000799 dated 12.11.2020. Generated hazardous waste sent to authorized CHWTSDF for disposal as per Hazardous waste(management and handling) rules 2003(amended). We have dedicated area for storage of hazardous waste. <b>Annexure III - Membership copy</b> <b>Annexure XI - MPCB Consent copy</b>
(xviii)	The company shall undertake Waste minimization measures.	1. Batch input and output quantities monitored and batch to batch losses are minimized. 2. No by product is generated from process. 3.Batch cycles time is measured & monitored. 4. Automated pressure switches are provided in material transfer pump discharge line.



		5. Total generated reactor wash water is recycled back in process.
(xix)	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required if any, in the on site management plan shall be ensured.	We have updated and incorporated the aspect contingency of off-site emergency in our "Onsite and off-site Disaster Management Plan (DMP)" and we have submitted it to Collector Raigad on 09.07.2019. Also six monthly mock drill conducted. Mock drill was conducted on 18/03/2023. <b>Annexture IV- Mock Drill Report.</b>
(xx)	A separate environment management cell with qualified staff shall be set up for implementation of environment safeguards.	Environment management cell is formed as per attached list. <b>Annexture V- Environment Management Cell.</b>
(xxi)	Separate fund shall be allocated for implementation of environment protection measures./ EMP along with item wise break ups. Thses costs shall be included as part of project costs.The funds earmarked for the environment protection measures shall not be diverted for other purposes and yaer wise expenditure should reported to the MPCB and This dept.	Complied
(xxii)	The project management shall advertise at least in two local newspaper widely circulated in the region around the project. One of which shall be in the Marathi language of the local concerned within seven days of issue of this letter informing that the project has been accorded environmental clearance and copies of clearance letter are available with the MPCB and may also be seen at Website at <a href="http://cc.maharashtra.gov.in">http://cc.maharashtra.gov.in</a>	We have given advertisement in two news paper, one in <b>local Marathi (Sagar) on page no.5</b> and one <b>English (Indian Express) on page No.3</b> Copies attached. <b>Annexture VI - Advertisement in News paper copies attached</b>
(xxxiii)	Project management should submit Half yearly compliance report in respect of stipulated prior EC terms and conditions in hard and soft copies to MPCB and this department on 1 <sup>st</sup> June and 1 <sup>st</sup> Decemebr	We have submitted online half yearly report to SEIAA and acknowledgment received <b>Annexture VII - Ack. Copy.</b>

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	of each calendar year.	
(xxiv)	A Copy of clearance letter shall be sent by proponent to the concerned municipal corporation and local NGO, if any from whom suggestions/Closed representations if any were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	We have submitted Issued EC copy to Local grampanchayat and MIDC. <b>Annexure VIII - Ack. Of EC submitted to local municipal corp. and MIDC</b>
(xxv)	The proponent shall upload the status of compliance of the stipulated EC conditions, including result of monitored data on their website and update periodically. It shall simultaneously sent to the Regional office MoEF, Zonal office of CPCB and SPCB. The criteria pollutants level namely-SPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient level as well as stack emission) parameters indicated for the project shall be monitored and displayed at convenient location near the main gate of the company in the public domain.	Will be sent to Regional office MoEF, Zonal office of CPCB and SPCB. Environment monitoring parameters containing SPM, SO <sub>2</sub> , NO <sub>x</sub> , Hazardous waste disposed in respective quarter displayed at main gate. <b>Annexure IX - Photo of Information displayed at gate</b>
(xxvi)	The project proponent shall also submit Six monthly reports on the status of compliance of stipulated EC conditions to Regional office MoEF, Zonal office of CPCB and SPCB (both in hard and soft copies)	We have submitted online six monthly report on the status of compliance of stipulated EC conditions in mail to Regional office MoEF, Zonal office of CPCB on and SPCB and Mantralaya.
(xxvii)	The Environment statement for each financial year ending 31 March in Form V to be submitted by the project proponent to concerned State Pollution Control Board as prescribed under the Environment Protection Rules 1986 as amended subsequently shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective RO by e mail.	We have submitted online Environment statement in Form V. <b>Annexure X- Form V submitted for year 2021 – 2022</b>

(xxviii)	The environment clearance is being issued without prejudice to the action initiated under EP act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP act or of the Hon'ble court will be binding on the project proponent. Hence this clearance dose not give immunity to the project proponent in the case filed against him,if any or action initiated under EP act.	Noted
(xxix)	The environment department reserves the right to revoke the clearance if conditions stipulated are not implementation to the satisfaction of the department or for that matter,for any other administrative reason.	All the clearance conditions are implemented.
(xxx)	<b>Validity of Environment clearance:-</b> The environmental clearance accorded shall be valid for period of 7 years as per MoEF and CC notification dated 29 April 2015 to start of production operation.	We have started production from 18.10.2017
(xxxi)	In case of any deviation or alteration in the project from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the conditions imposed and to incorporate additional environmental protection measures required, if any.	No such case.
(xxxii)	The above stipulated would be enforced among others under the water (prevention and control of pollution) act 1974, the air (prevention and control of pollution) act 1986 and rules there under ,Hazardous wastes(prevention and control of pollution) rules 1989 and its amendments, the public liability insurance act 1991 and its amendments.	We are abiding by the said rules and act.

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(xxxiii)	Any appeal against this environment clearance shall lie with the national green tribunal (western zone bench Pune), New administration building 1 <sup>st</sup> floor D-wing opposite council hall Pune if preferred within 30 days as prescribed under section 16 of the national green tribunal act 2010.	Noted
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Since we have received CTO No. Format 1.0/BO/AST/UANNO.0000028210/O/CC-1710000670 dated 17.10.2017 and started our production since 18.10.2017.

We have complied with all the EC conditions and will abide by all the rules and regulations of EPA act and requirements given time to time.

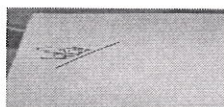
We here with submitting this 13<sup>th</sup> Half yearly EC compliance report.

Kindly acknowledge the receipt of same.

Thanking You,

Yours Faithfully,

For, **Pidilite Industries limited**  
**Plot no C58, MIDC , Mahad.**  
**(Authorized signatory)**



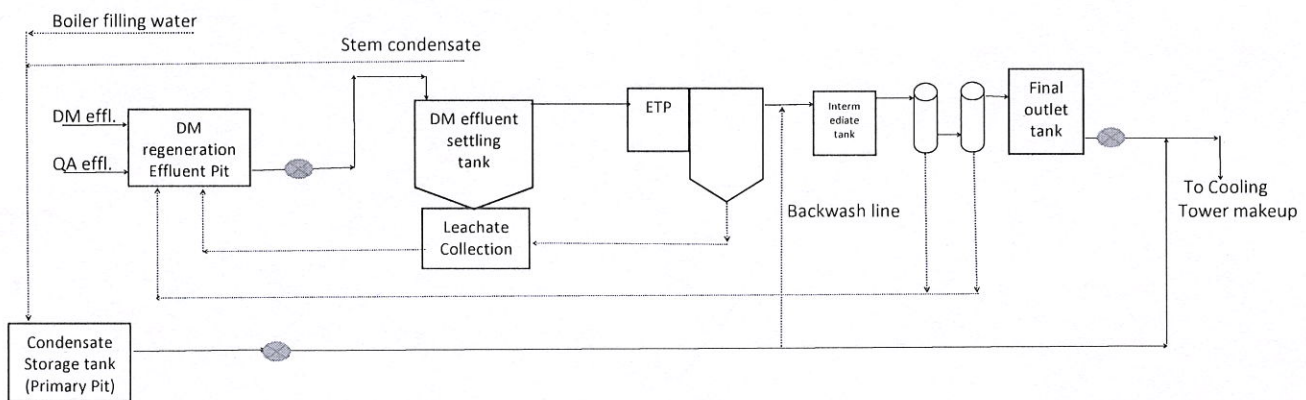
**Enclosed:-**



**1. Annexure I to XI**

**C.C :-**

- 1. Zonal office CPCB Pune**
- 2. Regional office MoEF Nagpur**
- 3. Regional office MPCB Belapur.**
- 4. SLEIAA Mumbai**

## ETP Layout



-  - Existing water meter
-  - Sand & Carbon filter requirement

Prepared by  
Amey Kale





# PAPL

PADMAJA AEROBIOLOGICALS PVT. LTD.

Public Testing Laboratory

Recognised by Ministry of Environment Forest & Climate Change (MoEFCC)

Gazette Notification No. S.O.3744(E) Valid upto : 16.10.2024

ISO 9001 : 2015, ISO 45001:2018 Certified

CIN : U73100MH1995PTC092502

NABL Accreditation Certificate No. TC-5088 Valid upto 31.12.2023

**AIR-F-007**

Ref. No.: 960/A-362/03-23

Date: 24/03/2023

Work Order No. - 1600236676 Dated 22/02/2023

Name of the Industry: M/s. Pidilite Industries Ltd.  
Plot No. C-58, MIDC, Mahad  
Dist. Raigad, Maharashtra - 402 309

Date of Sampling: 17/03/2023

**CERTIFICATE OF ANALYSIS**  
**AMBIENT NOISE LEVEL MEASUREMENTS**

Time	STATION	Noise Level in dB(A) (Day Time)	Limit Noise Level in dB (A)
14:05 hrs.	Near Main Gate	61.0	< 75
14:15 hrs.	Near ETP Area	67.4	< 75
14:21 hrs.	Between Old & New Building	62.2	< 75

**Remark: --**

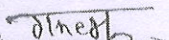
Instrument used: - Kusam-Meco KM 929 MK1 Sr. No. PAPL/LAB/071

Instrument Calibration Due date: -28/10/2023.

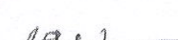
Limits prescribed by C.P.C.B Guidelines.

Limit: - <75.0 dB(A) - (Day Time)

<70.0 dB(A) - (Night Time)



Analyst

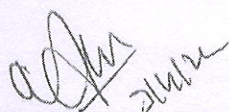


Reviewed by



Authorized Signatory

----- End of test report -----



'NANDAN' Plot No - 36, Sec-24, Near Bank Of India, Turbhe, Navi Mumbai - 400 705.

Tel : 022-2783 2532 / 2783 2817 Telefax : 022-2783 2818 E-Mail : paplturbhe@yahoo.co.in Web: www.padmajalab.com





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NABL Accreditation Certificate No. TC-5088 Valid upto 31.12.2023

AIR-F-002B

## CERTIFICATE OF ANALYSIS

### ANALYSIS REPORT FOR WORK PLACE MONITORING

Sample / Report Ref. No.	959/A-361/03-23
Work Order No.	1600236676 Dated 22/02/2023
Report Date:-	24/03/2023
Name of Industry	M/s. Pidilite Industries Ltd.
Address:	Plot No. C-58, MIDC, Mahad Dist. Raigad, Maharashtra - 402 309
Sample Collected by	PADMAJA AEROBIOLOGICALS PVT. LTD.
Date of Sampling	17/03/2023

### WORK PLACE MONITORING LOCATION

Location of H. V. S.: Inside Process Plant - First Floor
Duration : 120 Min.
Time : 11:50 hrs to 13:50 hrs

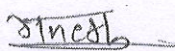
### POLLUTION PARAMETERS

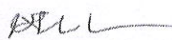
Parameter	Result	Limit	Unit	Method
Vinyl Acetate Monomer (VAM)	< 0.05	N.S.	ppm	NIOSH- 1453


#### Remark: --

Instrument used: -Polltech & PEM-HAS1B, Instrument I.D. No. PAPL/LAB/060

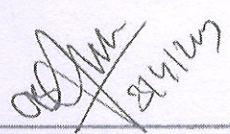
Instrument Calibration Due date: - 24/02/2024

  
Analyst

  
Reviewed by

  
Authorized Signatory

----- End of test report -----

  
24/4/23





Sustainability

# Mumbai Waste Management Limited

## CERTIFICATE OF MEMBERSHIP

M/S. PIDILITE INDUSTRIES LTD. C58

*is a registered member of  
CHW-TSDF at MIDC - Taloja for  
safe and secure disposal of  
Hazardous waste.*

**Membership No: MWML-HZW - MHD - 3835**

**This Certificate is valid up to 31<sup>st</sup> MARCH 2025.**

Onkar Kulkarni  
Manager - BMD

Somnath Malgar  
Director



Pidilite EHS Manual

Mock drill / Mutual Aid observation & action plan

Format No.: [F][EHS 108][005]

Date: 1 Sep 2017

Version No: 01

<b>Unit Name:</b>	PIL C 58
<b>Date:</b>	18/03/23
<b>Time:</b>	11:45hrs.

**BRIEF DETAILS OF THE INCIDENT SIMULATED EMERGENCY:** -VAM tanker unloading flexible hose ruptured resulting leakage followed by Fire.

Prior information Given to following Persons/Agencies
1.MMA member Industries/Mutual Aid Response Group members. 2.MIDC Fire office.

<b>VENUE:</b>	VAM tanker unloading station
<b>PARTICIPANTS:</b>	Chief Disastercontroller-Vishal Patil
	Site controller-D'suza
	Incident controller-Nitin Vedak
	Fire & safety coordinator-Sanjay Mahamuni
	First observer-Pawar
	Fire fighting team-Vitthal, Mayur, Shantaram, K B Joshi
	Fire pumps operation-Sanket Shirshivkar
	Security-Mr Rawar
	Rescue team-Narayan Bhagat, Rahul, Mr Pawar
	Male nurse- Vijay Kharat

<b>Observers</b>	<b>Location</b>
Mr.: Damodar Patro	Emergency site and Assembly point

**ASSEMBLY POINTS CHECKLIST:**

<b>Area Knowledge to all the participants</b>	ERT leader briefed in short scenario and actions to be taken at Assembly point (near Admn office)
<b>People assembled at assembly points after emergency declaration.</b>	Yes , Emergency declared at 11:46 hrs.
<b>Reporting mechanism to the Incident controller for possible evacuation</b>	Telephonic communication from Incident controller to Cheif disaster controller.
<b>Siren for all clear</b>	@12:00 hrs All clear siren -one min. continuous
<b>Time for incidence and time for all clear</b>	14 mins.
<b>The leadership quality of the personnel designated to control at assembly point</b>	Co ordination between team and Incident controller , site controller is very well and response was very prompt by entire team.
<b>Head count</b>	Head count all employees attendance report made available and checked , contract workers head count done manuualy at Assembly point by Security Supr.



**EMERGENCY SQUAD:**

Equipment resource	02 nos. Fixed monitors used , Foam compound used , Tanker keep cool by spraying water through sprinklers, No sparking tools, Antistatic suit and Explosive meter used to ensure flammable atm.
Equipment Operation, fire extinguisher, Hydrants opening, goggles, fire suites etc.	Field operator first closed the isolation valve at unloading station to minimize the leakage. Technician used non sparking tools, SCBA set, Antistatic suit, Nitrile rubber handgloves while attending emergency.
Time of arrival at site:	@ 11:50hrs. Fire fighting team members rushed to the site
Time of controlling emergency	@12:00hrs.
Time taken to controlling emergency	14 Mins.
Evacuation process knowledge of the team. Satisfactory, Unsatisfactory	Above Satisfactory

**FACILITY EVALUATION:**

Fire Extinguishers workability and appropriateness	Fixed fire fighting installations used for fire fighting.
Hydrants working, Jet power, hose pipe fitting etc.	1)Arrested leak with the help of non sparking tools and necessary PPE , SCBA. 2)Fire was completely extinguished with the help of Foam compound and fixed monitors. 3)Used Sprinkler water system to cool the adjacent tank and VAM road tanker
Emergency Control room equipment's facility adequate or not adequate as per OEP	ECC equipment's facility adequate as per OEP
Medical Facilities like rescue Operations, first aid etc.	Causality removed from contaminated atm. Kept him rested and then safely shifted to OHC with the help of Streture.

**RECOMMENDATIONS FOR THE IMPROVEMENTS IN THE OEP OR MANAGEMENT ACTION**

Shortcoming / Gap Observed	Action Plan	Responsibility	Target Date
Foam compound required to carry manually near fixed monitor.	1)Mobile foam trolley will be explored to minimise manual operation 2)Foam compound carboys to be kept near fixed monitor.	S S Mahamuni	30/04/23
Head counting not matched , one number from QA dept missed as not reported to Assembly point	1)Need to improve. Refresher training will be conducted. 2)On hearing emergency siren Dept Head to ensure all persons including contract employees reported at Assembly point.	S S Mahamuni /Security All Resp HODs.	30/03/23



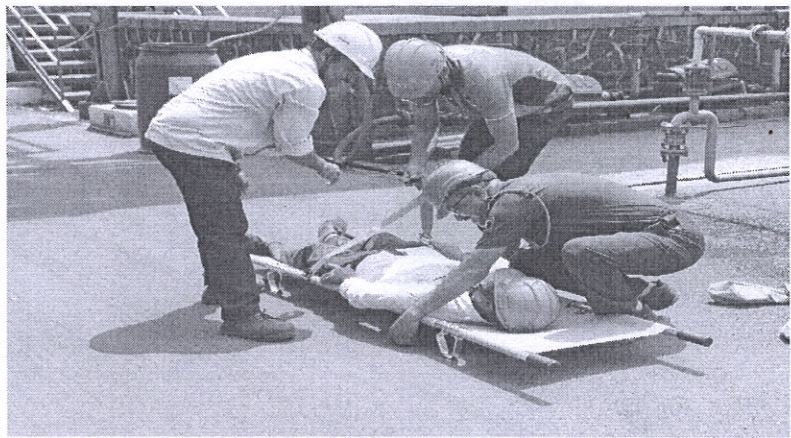
Team leader and Incident controller vest jacket	Two jackets of distinct color and of Cotton fabrics to be provided .	SSM	15/04/23
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Snapshots of Mock drill: Team leader describing actions at assembly point

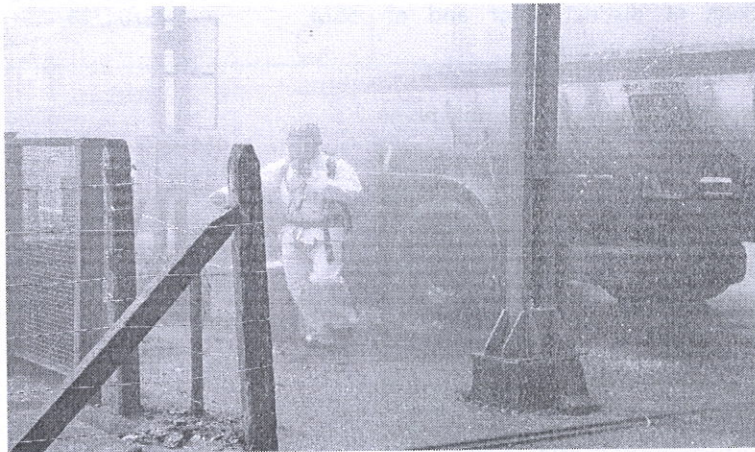


Use of fire fighting system -Fixed monitor

Rescue Operation

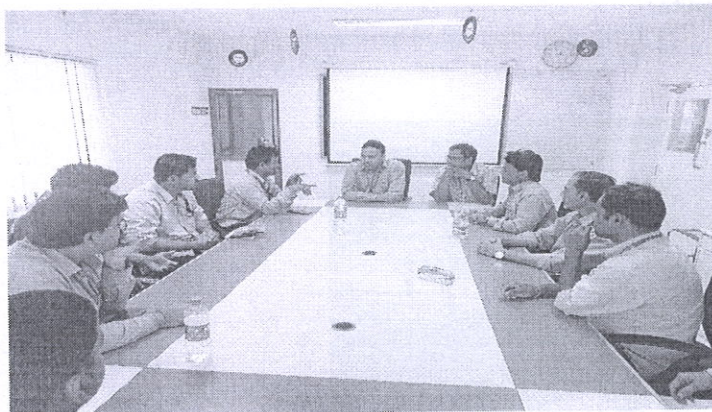






Head Count

Review meeting with CDC



**Incident Controller :Nitin Vedak**  
Sign:

**Chief Disaster Controller:Vishal Patil**  
Sign:

Released by:

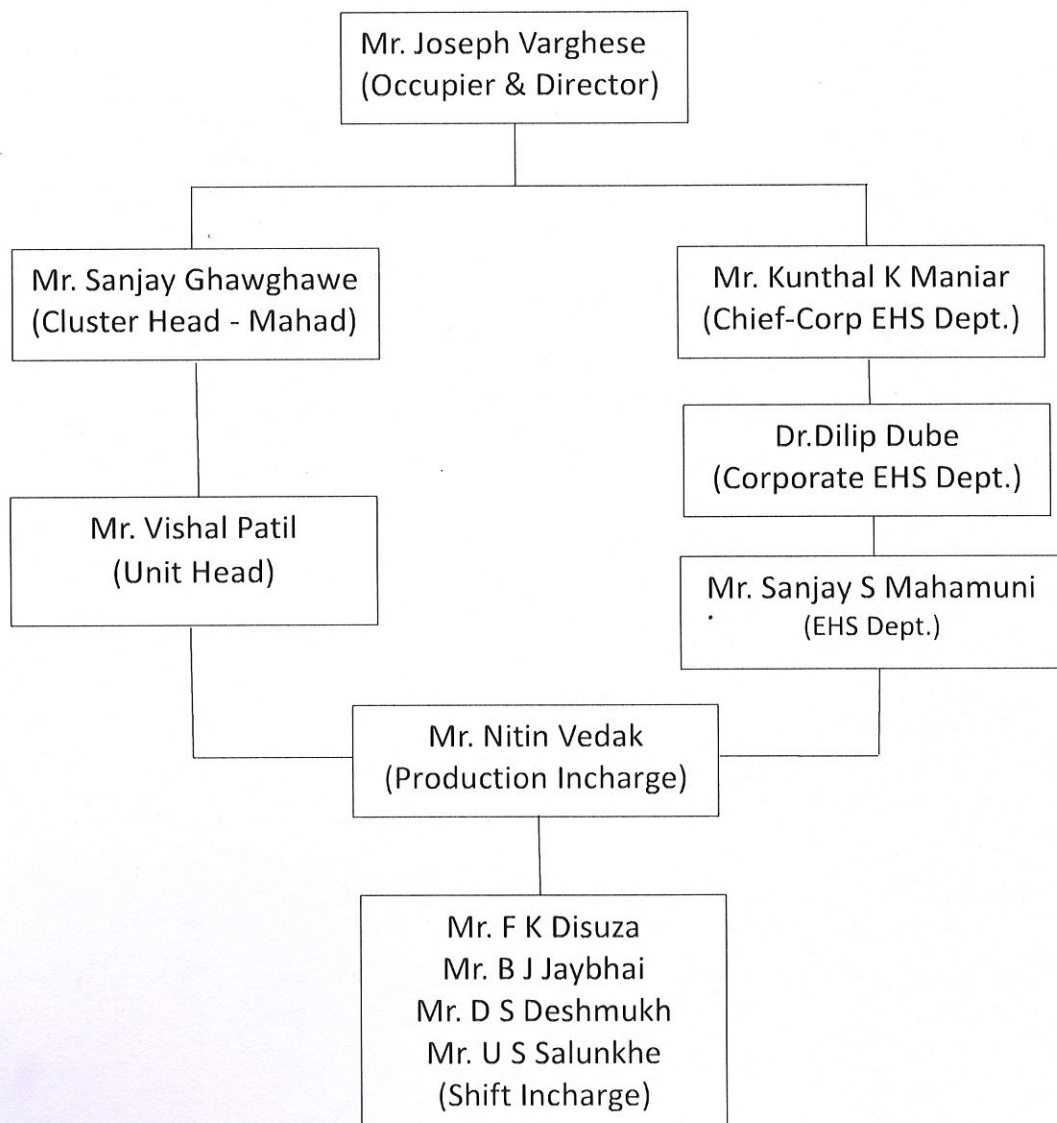
Approved by:

Plant EHS

Unit Head

**PIDILITE INDUSTRIES LIMITED**  
**Plot no C58, MIDC , Mahad**

**Environment Management Cell**





क्र.सं.	कर्जदार व गारंटीदार	बसुली राखत क्रमांक व तारीख
१	सागर केशू जांबरे एकनाथ पद्मा केशूखार रामचंद्र श्रैलत खराडे	कर्जदार गारंटीदार गारंटीदार
२	अनंत परशुराम गोविंदकर	कर्जदार



12/1/22, 12:26 PM

Mail - Amey Vivek Kale - Outlook

Pidilite Industries Limited, Plot No. C-58, MIDC Mahad, Raigad. Sub - 12th six monthly EC compliance status report

Amey Vivek Kale <amey.kale@pidilite.co.in>

Tue 12/1/2022 12:22 PM

To: [eccompliance-cg@gov.in](mailto:eccompliance-cg@gov.in) <[eccompliance-cg@gov.in](mailto:eccompliance-cg@gov.in)>; [eccompliance-mh@gov.in](mailto:eccompliance-mh@gov.in) <[eccompliance-mh@gov.in](mailto:eccompliance-mh@gov.in)>; [westzonepcb@yahoo.com](mailto:westzonepcb@yahoo.com) <[westzonepcb@yahoo.com](mailto:westzonepcb@yahoo.com)>; [seiaa.mah@gmail.com](mailto:seiaa.mah@gmail.com) <[seiaa.mah@gmail.com](mailto:seiaa.mah@gmail.com)>; [apccfcentral-ngp-mef@gov.in](mailto:apccfcentral-ngp-mef@gov.in) <[apccfcentral-ngp-mef@gov.in](mailto:apccfcentral-ngp-mef@gov.in)>; [roraigad@mpcb.gov.in](mailto:roraigad@mpcb.gov.in) <[roraigad@mpcb.gov.in](mailto:roraigad@mpcb.gov.in)>; [rdpune.cpcb@nic.in](mailto:rdpune.cpcb@nic.in) <[rdpune.cpcb@nic.in](mailto:rdpune.cpcb@nic.in)>; [sromahad@mpcb.gov.in](mailto:sromahad@mpcb.gov.in) <[sromahad@mpcb.gov.in](mailto:sromahad@mpcb.gov.in)>  
Cc: Vishal Vilasrao Patil <[Vishal.Patil@Pidilite.com](mailto:Vishal.Patil@Pidilite.com)>; Sanjay Prabhakar Ghawghawe <[Sanjay.Ghawghawe@Pidilite.com](mailto:Sanjay.Ghawghawe@Pidilite.com)>

13 attachments (13 MB)

Annexure XI MPCB Consent Valid till 30/09/2025.pdf; Annexure I ETP layout.pdf; Annexure IIa Ambient noise monitoring.pdf; Annexure IIb Workplace noise monitoring.pdf; Annexure III town/city layout.pdf; Annexure IV Mock Drill Report.pdf; Annexure IX MPCB gate board.pdf; Annexure V Env Management Cell.pdf; Annexure VI Advertisement in local and English news paper.pdf; Annexure VII SLEIAA, Mantraiya.pdf; Annexure VIII Ad. grampanchayat EC submission.pdf; Annexure X Form 5 for 2020-2021.pdf; EC 12th Compliance report.pdf

Dear Sir/Madam,

Greetings from Pidilite Industries Limited, Plot No. C58, MIDC Mahad, Raigad.

Please find herewith attached six monthly EC compliance status report.

We have complied with all the EC conditions and will abide by all the rules and regulations of EPA act requirements given time to time.

This is our 12<sup>th</sup> six monthly EC compliance status report for the period of April 2022 to September 2022.

Please acknowledge the same.

Thank you  
Regards,  
Amey V Kale  
EHS Senior Executive  
Pidilite Industries Limited  
Mob. 9850099994

**WE ARE  
GREAT PLACE TO WORK - CERTIFIED™**  
Building and sustaining High-Trust, High-Performance Culture™



Acknowledgement



PIL/MHD/C 58/GRAM/03/18-19

Date:-08.01.2018

The Gramsevak/Sarpanch  
Grampanchayat,  
Sawane via Birwadi,  
Tal-Mahad, Dist-Raigad

Subject:- Submission of Copy of Environment clearance

Respected Sir,

We wish to inform you that, we have received Environment clearance (EC SEIAA Item No.74 Meeting No.103) from state Expert Impact Assessment Authority on Dated 03.12.2016. vide letter no ref -SEAC-2016/CR-124/TC-2

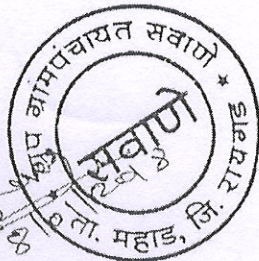
We are here with submitting EC copy to Grampanchayat Sawane as a part of information and compliance stated in EC.

Kindly acknowledge the same.

Thanking You,

Yours Faithfully,

Authorized Signatory,  
For Pidilite Industries Limited  
C58, MAHAD




Regd. Office  
Regent Chambers, 7th Floor,  
Jamnalal Bajaj Marg,  
208 Nariman Point, Mumbai 400 021.  
www.pidilite.com

Corporate Office  
Ramkrishna Mandir Road,  
Andheri (E), Mumbai 400059, India  
T + 91 22 2835 7000  
F + 91 22 2836 4565 / 2821 6007

Pidilite Industries Limited  
Works  
Plot No. C-58, M.I.D.C.,  
Mahad 402 309, Raigad, Maharashtra.  
T + 91 02145 232929  
M + 9422247373/9422246717/9422696846  
CIN: L24100MH1969PLC014336



## Annexure - IX



# पिडिलाईट इंडस्ट्रिज लिमिटेड

हवा, पाणी आणि घातक कचरा निर्मितीशी संबंधीत माहितीचे प्रदर्शन

I	संपर्क तपशिलासह कंपनीचे नाव (उत्पादन / ऑफिस कार्याच्या संगतीनुसार)	पिडिलाईट इंडस्ट्रिज लिमिटेड		
II	द्विपक्षीय अचूकपणे तारीख			
III	ऑफिस कार्यासाठी अद्यावत संगतीचे तपशील आणि वैधतासह अधिकृतता	कलेक्टर १.०/सीसी / पुरवठा नं.००००१५४८२/ सीआय २०११०००११	३०.०९.२०२५ सधैर वैधता	
IV	ऑपरेशनल स्थितीचा तपशील	ऑपरेशनल		
V	उत्पादनाचा तपशील	पॉलीमर विनायल अॅसिटेड आणि पॉलीविनायल अल्कोहोलवर आधारित आणि विनायल अॅसिटेड आणि पॉलीविनायल अल्कोहोलवर आधारित अॅडिटीव		

अ.नं.	उत्पादित उत्पादने (पुनर्वाप / उपयोग)	घातक रसायने प्रमाणासह तपशिलासह वापरा आणि उद्देश		घातक कचऱ्याचे प्रकार HOWIM rules 2016 विषयावृत्त		घातक कचरा उत्पन्न केलेला, उभा केलेला व विनोदित केलेला प्रमाण		प्रकार आणि विनोदितपणे वाटणे (पुन-वैधता, वा-उत्पन्न, पुनर्वाप / वापराचे पुनर्वाप सुचिलेला इ.)
				प्रकार	कलेक्टर प्रमाण	उत्पन्न केलेले	विनोदित केलेले	
१	पॉलीमर विनायल अॅसिटेड आणि पॉलीविनायल अल्कोहोलवर आधारित	विनायल अॅसिटेड मोनोमर	प्रमाण १०-१० वे. टन दर दिवस	अ) घातक आणि कडक-५.१	१.१ कि.ग्र. प्रतिदिन	५५.५	५५.५	उत्पन्न कलेक्टर-पुनर्वाप विनोदित अधिकृत विनोदित विनोदित CHATSOI
				ब) अल्प विनोदित कडक-५.१.१	१०.५ ४.५५ प्रतिदिन	५५.५	५५.५	उत्पन्न कलेक्टर-पुनर्वाप विनोदित अधिकृत विनोदित विनोदित CHATSOI
२	विनायल अॅसिटेड आणि पॉलीविनायल अल्कोहोलवर आधारित अॅडिटीव	मोनोमर	उद्देश कडक-५.१	१) विनोदित आणि कडक-५.१	१०.५ ४.५५ प्रतिदिन	५५.५	५५.५	उत्पन्न कलेक्टर-पुनर्वाप विनोदित अधिकृत विनोदित विनोदित CHATSOI
				२) विनोदित आणि कडक-५.१.१	१०.५ ४.५५ प्रतिदिन	५५.५	५५.५	उत्पन्न कलेक्टर-पुनर्वाप विनोदित अधिकृत विनोदित विनोदित CHATSOI

VI हवेतील उत्सर्जन विषयक माहिती :

वायु प्रदूषणाचा स्रोत (उत्पादन-प्रक्रिया/चिमनी गेट/फायर/अॅडिटीव) इंधनाचा प्रकार व क्षमता लि.आणि कि.ग्र.प्रति			वायु प्रदूषण नियंत्रण उपकरणे APCO मॉडेल उद्घोष		W.B.T. वायु प्रदूषणासाठी सीलिंगन केलेले पातळी (PM, CO, SO <sub>2</sub> , NO <sub>x</sub> etc.)		
अ.नं.	प्रकार	मॉडेल	इंधनाचा प्रकार	प्रकार	टॅक्युली उद्घोष	निरीक्षण परिणाम	प्रमाण प्रमाण
१	कलेक्टर १.०	कलेक्टर १.०	कलेक्टर १.०	कलेक्टर १.०	१० सीटी	TPM	150 mg/Nm <sup>3</sup>
२	सी सी सी	५०० केलिब्र	सी सी सी	सायलेंस	१० सीटी	SO <sub>2</sub>	50 RPM
३	सी सी सी	५०० केलिब्र	सी सी सी	सायलेंस	१० सीटी	TPM	150 mg/Nm <sup>3</sup>
४	सी सी सी	५०० केलिब्र	सी सी सी	सायलेंस	१० सीटी	SO <sub>2</sub>	50 RPM

\*OCEMS Connectivity details (Date of installation and operational Status)

वायु स्रोत

VII सांद्रपाणी विनोदित

सांद्रपाणी कोल कनेक्शन विवरण (उत्पादनासाठी वापरलेली पाणी, सीलिंगन प्रमाण इ.)		सीलिंगन कोल कनेक्शन विवरण (उत्पादनासाठी वापरलेली पाणी, सीलिंगन प्रमाण इ.)		सांद्रपाणी विनोदित माहिती (pH, COD, BOD, TDS, TSS etc.)	
अ.नं.	प्रकार	उत्पादनासाठी	उत्पादनासाठी	Inlet	Outlet
१	सांद्रपाणी	१.० सीटी	५०० केलिब्र	pH	5.5 to 9.0
				SS	100mg/lit.
				COD	250 mg/lit.
				BOD	100 mg/lit.
				O&G	<10 mg/lit.
				TDS	1000 mg/lit.
				Chloride	<600 mg/lit.
				Sulphate	1000 mg/lit.
२	सांद्रपाणी	५०० केलिब्र	५०० केलिब्र	pH	5.5 to 9.0
				SS	100mg/lit.
				COD	250 mg/lit.
				BOD	100 mg/lit.
				O&G	<10 mg/lit.
				TDS	1000 mg/lit.
				Chloride	<600 mg/lit.
				Sulphate	1000 mg/lit.

\*OCEMS Connectivity details (Date of installation and operational Status)

वायु स्रोत





# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2022

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000044330

### Submitted Date

25-08-2022

## PART A

### Company Information

#### Company Name

Pidilite Industries Limited

#### Application UAN number

NA

#### Address

MIDC Mahad

#### Plot no

C - 58

#### Taluka

Mahad

#### Village

MIDC area

#### Capital Investment (In lakhs)

2975

#### Scale

LSI

#### City

Mahad

#### Pincode

402309

#### Person Name

B. T. Latthe

#### Designation

Factory Manager

#### Telephone Number

9423893250

#### Fax Number

02145232046

#### Email

latthebt@pidilite.com

#### Region

SRO-Mahad

#### Industry Category

Red

#### Industry Type

other

#### Last Environmental statement submitted online

yes

#### Consent Number

Format 1.0/CC/UAN No.  
0000095682/CR-20110000799

#### Consent Issue Date

12/11/2020

#### Consent Valid Upto

30/09/2025

#### Establishment Year

2000

#### Date of last environment statement submitted

Sep 9 2021 12:00:00:000AM

#### Industry Category Primary (STC Code) & Secondary (STC Code)

### Product Information

#### Product Name

POLYMER OF VINYL ACETATE AND POLYVINYL ALCOHOL AND ADHESIVE BASED ON VINYL ACETATE AND POLYVINYL ALCOHOL

#### Consent Quantity Actual Quantity UOM

30000 16197 MT/A

### By-product Information

#### By Product Name

NA

#### Consent Quantity

0

#### Actual Quantity

0

#### UOM

MT/A

## Part-B (Water & Raw Material Consumption)

**1) Water Consumption in m3/day**

<b>Water Consumption for Process</b>	<b>Consent Quantity in m3/day</b>	<b>Actual Quantity in m3/day</b>
	85	33.50
<b>Cooling</b>	43	8.20
<b>Domestic</b>	4	2.40
<b>All others</b>	9	0.00
<b>Total</b>	141	44.10

**2) Effluent Generation in CMD / MLD**

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Trade effluent	8	0.3	CMD
Sewage effluent	2	1.7	CMD

**2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)**

<b>Name of Products (Production)</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
POLYMER OF VINYL ACETATE AND POLYVINYL ALCOHOL AND ADHESIVE BASED ON VINYL ACETATE AND POLYVINYL ALCOHOL	16519	16197	MT/A

**3) Raw Material Consumption (Consumption of raw material per unit of product)**

<b>Name of Raw Materials</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
VINYL ACETATE- MONOMER	7484	7308	MT/A
POLY VINYL ALCOHOL	812	771	MT/A
CATAYALYST	4.98	4.86	MT/A
ACTIVATOR	3.86	3.76	MT/A
SURFACTANTS	10.36	5.72	MT/A
DMW	7995	7900	MT/A
PLASTISER	0	0	MT/A
EMULSIFIER	17.20	16.198	MT/A
PRESERVATIVES	12.6	9.14	MT/A
NAMAN	139	141	MT/A
ISOPROPYL ALCOHOL	34	33.2	MT/A
OTHERS	0	04	MT/A

**4) Fuel Consumption**

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
FO & LDO	365000	137612	Ltr/A
HSD	963600	14796	Ltr/A

**Part-C****Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)****[A] Water**



<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day) Quantity</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
PH	0	7.5	0	5.5-9	OK
Suspended solid	0	10	0	100	OK
BOD 3 days	0	17	0	30	OK
COD	0	61	0	250	OK
Oil and Grease	0	1	0	10	OK
TDS	0	101	0	2100	OK
Sulphate	0	571	0	1000	OK
Chlorides	0	60	0	600	OK

#### **[B] Air (Stack)**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day) Quantity</b>	<b>Concentration of Pollutants discharged(Mg/NM3) Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
TPM	0	72	0	150	OK
SO2	0	9.02	0	63	OK
NOx	0	43.5	0	80	OK
CO	0	49	0	NS	OK

#### **Part-D**

##### **HAZARDOUS WASTES**

##### **1) From Process**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.1 Used or spent oil	0.150	0.04	KL/A
23.1 Wastes or residues (not made with vegetable or animal materials)	9.57	7.03	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	1332	1831	Nos./Y

##### **2) From Pollution Control Facilities**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
34.2 Sludge from treatment of waste water arising out of cleaning / disposal of barrels / containers	0	0.02	MT/A

#### **Part-E**

##### **SOLID WASTES**

##### **1) From Process**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
PAPER BAGS	2.69	3.88	MT/A
CARBOYS	180	168	Nos./Y
Paper Cloth	0	0	Kg/Annum

##### **2) From Pollution Control Facilities**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
---------------------------------	---	--	------------



NA	0	0	Kg/Annum
----	---	---	----------

**3) Quantity Recycled or Re-utilized within the unit**

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	Kg/Annum

**Part-F**

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

**1) Hazardous Waste**

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	0.040	Ltr/A	oily - sell to authorized recycler
23.1 Wastes or residues (not made with vegetable or animal materials)	7.03	MT/A	solid - disposed to MWML for incineration
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	1831	Nos./Y	solid - disposed to MPCB authorized party
35.3 Chemical sludge from waste water treatment	0.02	MT/A	solid - disposed to MWML for landfilling

**2) Solid Waste**

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
PAPER BAGS	3.88	MT/A	Solid - disposed to MPCB authorized party
carboys	168	Nos./Y	solid -disposed to MPCB authorized party
paper cloth	0	Kg/Annum	solid -disposed to MPCB authorized party

**Part-G**

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
Rain water harvesting	3.8	0	0	0	0	0

**Part-H**

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

**[A] Investment made during the period of Environmental Statement**

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Roof rain water harvesting project	Roof rain water harvesting	5.0
Boiler conversion for switching over form FO to cleaner fuel	Use of cleaner fuel	6.0
Installation of 62 KVA solar panels	Conservation of natural resources	12.5

**[B] Investment Proposed for next Year**

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
---	-----------------------------------	----------------------------



Installation of electrical driven pumps for generation of hot water & minimizing fossil fuel

Conservation of natural resources

150

## Part-I

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Any other particulars for improving the quality of the environment.

Particulars

Due to use of cleaner fuel LDO instead of FO, improvement in stack emission achieved

Name & Designation

Balsaheb Tatoba Latthe - Factory Manager

UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000044330

Submitted On:

25-08-2022





# Maharashtra Pollution Control Board

## 5face355ecca0968bddd5ca8

### MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
Fax: 24023516  
Website: <http://mpcb.gov.in>  
Email: [cac-cell@mpcb.gov.in](mailto:cac-cell@mpcb.gov.in)



Kalpataru Point, 2nd and  
4th floor, Opp. Cine Planet  
Cinema, Near Sion Circle,  
Sion (E), Mumbai-400022

RED/L.S.I (R22)

No:- Format 1.0/CC/UAN No.0000095682/CR 2011000799

Date: 12/11/2020

To,  
M/s. Pidilite Industries Limited  
Plot No.- C58, MIDC Mahad,  
Tal.- Mahad, Dist.- Raigad.

Sub: **Renewal of Consent to Operate in RED/LSI Category.**

- Ref:
1. Consent to Operate granted by Board vide Format 1.0/BO/AS(T)/MPCB-CONSNETN\_AMENDMENT-000000500/-1907000009 dtd. 08.07.2019 which was valid upto 30.09.2020.
  2. Environmental Clearance obtained vide SEAC-2016/CR-124/TC-2 dtd. 03.12.2016.
  3. Your application No.MPCB-CONSENT-0000095682 Dated 01.08.2020
  4. Minutes of 10th Consent committee meeting dtd. 1st sitting dtd. 24.09.2020, 2nd sitting dtd. 15.10.2020 and 3rd sitting dtd. 22.10.2020.

Your application No.MPCB-CONSENT-0000095682 Dated 01.08.2020

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent to renewal is granted for a period up to 30/09/2025
2. The capital investment of the project is Rs.29.7578 Crs. (As per C.A Certificate submitted by Industry Existing CI is-Rs. 19.07 Crs + Increase in C.I. - Rs. 10.68 Crs)
3. Consent is valid for the manufacture of:

Sr No	Product	Maximum Quantity	UOM
Products			
1	Polymer of Vinyl Acetate and Poly Vinyl Alcohol and adhesive based on Vinyl Acetate and Poly Vinyl Alcohol	2500	MT/M

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	8.0	As per Schedule-I	Recycle 100% to achieve ZLD

*(Signature)*



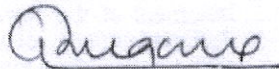


# Maharashtra Pollution Control Board

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- 13 Industry shall switching over to cleaner fuel instead of FO within one year period as per the Boards policy regarding use of pet coke and F.O. dtd. 05.02.2020.
- 14 This consent is issued pursuant to the decision of the 10th Consent Committee Meeting held on 1st sitting dtd. 24.09.2020, 2nd sitting dtd. 15.10.2020 and 3rd sitting dtd. 22.10.2020.

For and on behalf of the  
Maharashtra Pollution Control Board.

  
(Ashok Shingare IAS),  
Member Secretary

### Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	375000.00	MPCB-DR-1266	07/08/2020	RTGS

### Copy to:

1. Regional Officer, MPCB, Raigad and Sub-Regional Officer, MPCB, Mahad  
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai







# Maharashtra Pollution Control Board

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### SCHEDULE-I

#### Terms & conditions for compliance of Water Pollution Control:

- A) As per your application, industrial effluent generation is 8.0 CMD for the treatment of the same, you have provided Effluent Treatment Plant (ETP) of designed capacity of 10.00 CMD consisting of Primary Treatment (Primary wpt with aeration, flash mixer, hopper bottom tank) and Tertiary Treatment (Pressure sand filter, Activated carbon filter) followed by Sludge Drying Beds.

B) The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.
- A) As per your application, you have provided Septic Tank followed by Soak pit for the treatment of 2.0 CMD of sewage.

B) The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards	
1	BOD (3 days 27°C )	Not to exceed	30 mg/l
2	Suspended s <sup>o</sup> lids	Not to exceed	100 mg/l

- C) The treated sewage shall be soaked in soak pit and overflow if any shall be discharged on land for gardening within premise after confirming above standards.
- The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
  - The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
  - The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	43.00
2.	Domestic purpose	4.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	85.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	9.0

(PP shall use treated water for gardening purpose.)





6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

*[Signature]*







# Maharashtra Pollution Control Board

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### SCHEDULE-II

#### Terms & conditions for compliance of Air Pollution Control: •

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO <sub>2</sub> (kg/day)
S-1	Mini Boiler (3 Nos)	Stack	34.0	Furnace Oil	1000 Lit/Day	4.50	90.00
S-2	D. G. Set (500 kVA)	Acoustic Enclosure	3.5*	HSD	110 Ltr/Hr	1.00	52.80

(\* - Above roof level)

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Parameters	Standards
Total Particulate Matter	Not to exceed 150 mg/ Nm <sup>3</sup>
SO <sub>2</sub>	Not to exceed 50 ppm

4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

*Signature*





# Maharashtra Pollution Control Board

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### SCHEDULE-III Details of Bank Guarantees:

Sr. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Renewal of Consent to Operate	Rs. 5.0 Lakh	Existing	Towards O&M of Pollution Control System and Compliance of consent condition	30.09.2025	31.01.2026
2	Renewal of Consent to Operate	Rs. 2.0 Lakh	Existing	Towards compliance of consent and EC condition	30.09.2025	31.01.2026
3	Renewal of Consent to Operate	Rs. 2.0 Lakh	Within 15 Days	Towards submission of Board Resolution within 15 days for increase in CI without consent of the Board	30.11.2020	30.03.2021

The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days from the date of issue of Consent.

#### BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

#### BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

*Signature*





# Maharashtra Pollution Control Board

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### **SCHEDULE-IV**

#### **General Conditions:**

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.

*Rangaraj*





# Maharashtra Pollution Control Board

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12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
13. The PP shall provide personal protection equipment as per norms of Factory Act
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.





26. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

*[Signature]*