Acknowledgement – Safety
A. N.

Pidilite

PIL MHD/EHS/28/EC/2018

24.11.2018

To,
The Member Secretary,
State Level Environmental Impact Assessment Authority,
Environment Dept
Government of Maharashtra,
15th Floor , New administrative Building ,
Mantralaya, Mumbai- 400032

Dear Sir,
Sub:- Six Monthly Compliance report to the condition stated in EC Letter dt. 31.12.2015
Ref:- SEAC-2012/CR-201/TC-2 dated 31st December 2015

We are herewith submitting our 4th six monthly (April 2018 to Sept 2018) report for EC conditions compliance as per EC condition no 27. This report is in continuation to the earlier three Six monthly compliance report submitted to your office

In this 4th Six monthly compliance report we submit the Point wise compliance status to the conditions of Environmental Clearance issued vide letter no. SEAC-2012/CR-201/TC-2 dated 31st December 2015 are as below
Based on the past six monthly compliance report all infrastructural requirements/conditions are compiled and the operational control points are continuously being complied and are regularly monitored by MPCB.

Condition No	Condition details	Status
General conditions for Pre construction Phase:		
i.	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.	**Complied** - Project is in existing land only
ii.	PP to implement online air monitoring facility equipment.	**Complied** – No emission from process. Gas detectors are provided at prominent places where possibility of leakage. The same is connected to control room. Ambient air quality measurement also being done from MoEF laboratory

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Ministry of Environment, Forest & Climate Change
क्षेत्रीय कार्यालय (पश्चिम मध्य क्षेत्र)
Regional Office (Western Central Zone)
भू-तल, पूर्व खंड / Ground Floor, East Wing
नया सचिवालय भवन / New Secretariat Building
सिविल लाईन्स / Civil Lines
नागपुर / Nagpur-440 001
3/12/18

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

Corporate Office
Ramkrishna Mandir Road,
Andheri (E), Mumbai 400059, India
T + 91 22 2835 7000

Pidilite Industries Limited
Works
Plot No. A-21 & 22/1, M.I.D.C.,
Mahad 402 309, Raigad, Maharashtra.
T + 91 02145 232043-46

Pidilite

<table>
<tr><th>Condition No</th><th>Condition details</th><th>Status</th></tr>
<tr><td></td><td></td><td>Refer Annexure no. 1
<table>
<tr><td>Parameter</td><td>Result</td><td>Limit</td><td>Unit</td><td></td></tr>
<tr><td>PM (<2.5 µm)</td><td>25</td><td>60</td><td>µg/m3</td><td></td></tr>
<tr><td>PM (<10 µm)</td><td>47</td><td>100</td><td>µg/m3</td><td></td></tr>
<tr><td>So2 Conc.</td><td>13</td><td>80</td><td>µg/m3</td><td></td></tr>
<tr><td>No2 Conc.</td><td>28</td><td>80</td><td>µg/m3</td><td></td></tr>
<tr><td>Nh3 Conc.</td><td>< 10</td><td>400</td><td>µg/m3</td><td></td></tr>
<tr><td>Lead</td><td><0.05</td><td>1.0</td><td>µg/m3</td><td></td></tr>
</table></td></tr>
<tr><td>iii.</td><td>For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.</td><td>Complied: We don't have any stack, no captive power plant.
Major consumption of RM is in liquid form hence no dust generated from process
For natural dust -concrete roads are provided in entire plant, lawn maintained road side, compound wall provided around whole plot area, tree barrication to entire plant .</td></tr>
<tr><td>iv.</td><td>Regular monitoring of the air quality, including SPM & SO_2 levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.</td><td>Complied We do not have power plant & all plant floors are having adequate ventilation. Ambient air monitoring being done quarterly and records are maintained Refer Annexure no. 1 Previous quarterly Monitoring reports are as per consent condition.
Reports are being submitted to MPCB regularly
<table>
<tr><td>Parameter</td><td>Result</td><td>Limit</td><td>Unit</td></tr>
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<tr><td>Nh3 Conc.</td><td>< 10</td><td>400</td><td>µg/m3</td></tr>
</table>
</td></tr>
<tr><td>v.</td><td>PP to ensure that, COD level should be maintained below 200 mg/l after treatment.</td><td>Complied. Full-fledged ETP is provided and result of COD is always below 200 ppm Refer Annexure no. 2
<table>
<tr><th>Test Parameters</th><th>Result</th><th>Unit</th><th>Limit</th></tr>
<tr><td>pH</td><td>6.9</td><td>--</td><td>5.5.to 9.0</td></tr>
<tr><td>TSS</td><td><10</td><td>mg/l</td><td>100</td></tr>
<tr><td>TDS</td><td>37</td><td>mg/l</td><td>2100</td></tr>
<tr><td>DO</td><td>5.3</td><td>mg/l</td><td>NA</td></tr>
<tr><td>COD</td><td>16</td><td>mg/l</td><td>250</td></tr>
<tr><td>BOD 3 day of 27oc</td><td><05</td><td>mg/l</td><td>100</td></tr>
<tr><td>Oil and Grease</td><td><04</td><td>mg/l</td><td>10</td></tr>
<tr><td>Sulphate</td><td>5.0</td><td>mg/l</td><td>1000</td></tr>
<tr><td>Chloride</td><td>8.0</td><td>mg/l</td><td>600</td></tr>
<tr><td>T. Ammonical Nitrogen</td><td>0.2</td><td>mg/l</td><td>NA</td></tr>
</table>
</td></tr>
<tr><td>vi.</td><td>Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.</td><td>Not applicable, as no furnace is available at site & not applicable to us
For process plant building - Both side windows and RCC grills are provided for cross ventilation</td></tr>
<tr><td>vii.</td><td>Proper Housekeeping programmers shall be implemented.</td><td>Complied
5 S is implemented at site and it is</td></tr>
</table>

Condition No	Condition details	Status
		monitored regularly. **Refer Annexure no. 3** Photographs and relevant documents showing Proper Housekeeping programmers implementation.
viii.	In the event of the 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 achieve.	No as such emission from plant. Unreacted monomer vapors generated during reactions are recycled through re-flux condensers. ETP is being maintained on day to day basis to achieve desired results. DG back up and power supply from our sister concern plot A 21 .
ix.	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).	**Not Applicable** DG set is not available at our site.
x.	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	**Complied** Refer **Annexure no. 05** for RWH plan, details and photographs. This season the rain water collected and saved water is 7667 KL/season (April-18 to Sep-18). The same is filtered through Pressure Sand Filter and Activated Carbon Filter. Recharging of water in ground is not allowed as our plot is located in MIDC area.
xi	Arrangement shall be made that effluent and storm water does not get mixed.	**Complied** - Separate Storm water drainage and Effluent drain lines are designed and constructed at site. No mixing of Storm water and Effluent water is allowed at site.

<table>
<tr><th>Condition No</th><th>Condition details</th><th>Status</th></tr>
<tr><td>xii</td><td>Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.</td><td>Complied – Our plot is in MIDC area, drilling Bore well in MIDC plot is not allowed. We have sampled nearby groundwater sources which are found to be OK.</td></tr>
<tr><td>xiii</td><td>Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.</td><td>Complied – Noise levels are maintained as per standards. There are no High noise making machines in our factory however in case required ear plugs and ear muffs are provided to people. Last Noise Monitoring done 20.07.2018</td></tr>
<tr><td>xiv</td><td>The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.</td><td>Complied - Ambient noise monitoring is being carried out periodically from MoEF approved lab and record maintained, Noise levels are as per Prescribed standard limit. Report attached- Annexure - 4
<table>
<tr><th>SN</th><th>Station</th><th>N. Level in dB(A) (Day time)</th><th>Level in dB(A) (Night Time)</th></tr>
<tr><td>1</td><td>Main gate</td><td>64.1</td><td>55.3</td></tr>
<tr><td>2</td><td>Loading area</td><td>66.1</td><td>63.4</td></tr>
<tr><td>3</td><td>ETP</td><td>71.3</td><td>68.1</td></tr>
<tr><td>4</td><td>MBR Unit</td><td>74.4</td><td>68.8</td></tr>
<tr><td>5</td><td>Air compressor</td><td>73.2</td><td>67.2</td></tr>
<tr><td>6</td><td>Empty drum</td><td>55.5</td><td>49.7</td></tr>
</table></td></tr>
</table>

<table>
<tr><th>Condition No</th><th>Condition details</th><th>Status</th></tr>
<tr><td></td><td></td><td>
<table>
<tr><td></td><td>storage area</td><td></td><td></td></tr>
<tr><td>7</td><td>Blender loading point</td><td>60.2</td><td>55.3</td></tr>
<tr><td>8</td><td>Car parking</td><td>52.4</td><td>51.3</td></tr>
<tr><td>9</td><td>Water pump</td><td>74.6</td><td>65.6</td></tr>
</table>
</td></tr>
<tr><td>xv</td><td>Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consolation with the local DFO / Agriculture dept.</td><td>Complied - Greenbelt is developed as per CPCB guidelines.
Total Greenbelt area provided at site is 2995 sq.mt. and we have planted 2150 nos. of trees as against required as per EC 1825 nos.
Refer Annexure no. 05 Site Layout Plan & photos attached. Along with actual Photos of tree plantation and list of trees planted at site.</td></tr>
<tr><td>xvi</td><td>Adequate safety measures shall be provide to limit the risk zone within the plant boundary, in case of an accident , Leak detection devices shall also be installed at strategic places for early detection and warning</td><td>Complied
Risk assessment and HAZOP study report prepared for site , Also Gas detectors are provided at site for early warning leak, We did our last Mock drill on 18.05.2018
<table>
<tr><th>Name of VOC</th><th>Result</th><th>Limit</th><th>Unit</th><th>Method</th></tr>
<tr><td>Styrene</td><td>< 0.05</td><td>10</td><td>ppm</td><td>GC</td></tr>
<tr><td>Acrylic Acid</td><td><0.05</td><td></td><td>ppm</td><td>GC</td></tr>
<tr><td>Acrilonitrile</td><td><0.05</td><td>2.0</td><td>ppm</td><td>GC</td></tr>
<tr><td>NH3</td><td><0.014</td><td>25</td><td>ppm</td><td>GC</td></tr>
</table>
</td></tr>
<tr><td>xvii</td><td>Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.</td><td>Complied- Annual and Six monthly health checkup is done by Certified Surgeon and Medical Report is issued Form no - 7 is maintained for all</td></tr>
</table>

<table>
<tr><th>Condition No</th><th>Condition details</th><th>Status</th></tr>
<tr><td></td><td></td><td>employees
Annexure 6</td></tr>
<tr><td>xviii</td><td>The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling</td><td>Complied
Gas detector and smoke detectors are provided having indication in control room Portable Fire extinguishers are provided in all plant area , Whole site is covered with Fire Hydrant Network having continuous pressure in auto mode Annexure - 7 Fire Hydrant network and list of portable fire extinguishers</td></tr>
<tr><td>xix</td><td>The project authorities must strictly comply with rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections / treatment / storage / disposal of hazardous wastes.</td><td>Complied We regularly comply with rules and regulations with regard to handling and disposal of hazardous wastes.
Being followed regularly
MPCB authorization Consent no - Format 1.0 BO/AS(T)/UAN.No. 0000016411/CC Cell/A/CC-0334 Date 31.05.2017
Valid till 31.01.2021
Refer Annexure no. 8 (Manifest)
<table>
<tr><th>Sr.</th><th>Date</th><th>Cat. 35.3</th><th>Cat. 23.1</th><th>Cat. 5.1</th></tr>
<tr><td>1</td><td>16.05.18</td><td>2.02 MT</td><td>9.0 MT</td><td>--</td></tr>
<tr><td>2</td><td>06.08.18</td><td>--</td><td>--</td><td>100 lit.</td></tr>
<tr><td>3</td><td>10.08.18</td><td>--</td><td>--</td><td>45 lit.</td></tr>
<tr><td>4</td><td>14.09.18</td><td>2 MT</td><td>7.98 MT</td><td></td></tr>
<tr><td>Total</td><td></td><td>4.02 MT</td><td>16.98MT</td><td>145 Lit</td></tr>
</table></td></tr>
<tr><td>xx</td><td>The company shall undertake following Waste Minimization Measures:
• Metering of quantities of active ingredients to minimize waste.
• Reuse of by-products from the process as raw materials or as raw material substitutes in other process.
• Maximizing Recoveries.</td><td>Complied –
Elimination washing for same family batches to minimize effluent and waste generation
Most of the active ingredient charged through mass flow meter and load cell vessels controlled through DCS
FG batch transfer by steam minimize</td></tr>
</table>

Condition No	Condition details	Status
	• Use of automated material transfer system to minimize spillage.	sticking of material on reactor shell Blender wash water is being collected and recycled through automated system All the processes are designed to measure the inputs, reuse of byproducts if applicable, maximizing recoveries and closed circuit material transfer systems are implemented in the plant. Pl refer **Annexure - 09** for waste minimization
xxi	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.	**Complied** – Regularly followed Refer **Annexure no. 10** details of Mock drill schedule. We recently completed our mock drill at site on 27.08.2018 . Photos are attached.
xxii	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	**Complied** - Refer **Annexure no. 11** Structure of Environment Management Cell.
xxiii	Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.	**NOT APPLICABLE** - No boiler is available, hence not applicable.
xxiv	Separate silos will be provided for collecting and storing bottom ash and fly ash.	**Not applicable.** No boiler is available, hence not applicable.
xxv	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with	**Complied Regularly** – \Refer **Annexure no. 08** fund for environment protection measures are allocated separately and we

Condition No	Condition details	Status
	item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.	report the annual expenditure on Pollution control in the Environmental Statement to MPCB every year. This six months cost is - Rs 2788076.77/-
xxvi	The project management shall advertise at least in two local newspapers 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 Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in	**Complied** News in Sakal, Raigad times, Sagar dated 31.01.2016, 29.01.2016 & 01.02.2016 Please refer **Annexure no. 13** Will take care for next EC as mentioned in EC condition
xxvii	Project management should submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms and conditions in hard & soft copies to the MPCB & this Department, on 1st June & 1st December of each calendar year.	**Being Complied** -This is our fourth sixth monthly EC Compliance Report of April 2018 to Sept 2018 Environmental Monitoring report and compliance report
xxviii	A copy of clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom	**Complied** - Letter submitted to gram panchayat & copy of the same is attached Please refer **Annexure no.14** Company website is undergoing

Condition No	Condition details	Status
	suggestions/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.	modification
xxix	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely: SPM, RSPM, SO_2, NO_x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	**Complied** – Six monthly EC compliance Company website is undergoing modification to accommodate changes Critical parameters are displayed at prominent locations near main gate for public domain.
xxx	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal office of CPCB and the SPCB.	**Complied** – 03 six monthly report are submitted till date and this is a compliance report from April 2018 to September 2018

Condition No	Condition details	Status
xxxi	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the 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 Regional Offices of MoEF by e-mail.	**Complied** – Environmental. Statement in form V is submitted online as well as in Hard copies. Company web site being updated. Please refer **Annexure no. 15**

Kindly acknowledge the receipt of the same

Thanking You
For Pidilite Industries Ltd.
Plot A 22/1 MIDC Mahad , Raigad

Authorized Signatory

Copy to: -
1) Regional Office MOEF
2)Zonal Office, CPCB, Vadodara
3)Regional Office, SPCB, Navi Mumbai

Pidilite Industries Limited

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

Corporate Office
Ramkrishna Mandir Road,
Andheri (E), Mumbai 400059, India
T + 91 22 2835 7000

Works
Plot No. A-21 & 22/1, M.I.D.C.,
Mahad 402 309, Raigad, Maharashtra.
T + 91 02145 232043-46

Annexure-1

PAPL

PADMAJA AEROBIOLOGICALS PVT. LTD.
Public Testing Laboratory
Recognised by Ministry of Environment, Forest & Climate Change (MoEF)
Period - 01-05-2014 to 30-04-2019
ISO 9001 : 2008, OHSAS 18001:2007 Certified
CIN : U73100MH1995PTC092502
NABL Accreditation Certificate No. TC-5088(In lieu of T-3221 & T-3222)
Valid upto 07.12.2018.

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We Ensure Quality

AIR-F-002

TEST REPORT
AMBIENT AIR QUALITY MONITORING

Report No.	PAPL/A-172/07-18	**Report Date**	27/07/2018						
Work Order No.	1600085045 Dated 20/03/2018								
Name of Customer	M/s. Pidilite Industries Ltd.								
Address	Plot No.A-22/1, MIDC Industrial Area, Mahad, Dist. Raigad - 402 309, Maharashtra.								
MoEF Certificate No.	S.O.1174(E)Sr.No.49			**Valid up to**	30/04/2019				
Type of sampling	**AAQM**	24 Hrs.	√	**WAQM**	8Hr	--	24 Hr	--	
Instrument used	RDS	√		FDS	√				
	ID No.	AIR-I-028		ID No.	AIR-I-011				
	Calibration Due Date	27/08/2018		Calibration Due Date	27/08/2018				
Date of Sampling	20/07/2018			**Sample Ref. No.**	670/A-172/07-18				
Location of sampling	Near Main Gate								
Sample Collected By	PADMAJA AEROBIOLOGICALS PVT. LTD.								

POLLUTION PARAMETERS

Parameter	Result	Limit	Unit	Method
Particulate Matter (<2.5 µm)	25	60	µg/m³	Gravimetric method (CPCB guidelines 2012, NAAQS Volume –I)
Particulate Matter (<10 µm)	47	100	µg/m³	IS 5182(Part-23):2006,Reaffirmed-2012
SO_2 conc.	13	80	µg/m³	IS 5182(Part -02):2001,Reaffirmed-2012
NO_2 conc.	28	80	µg/m³	IS 5182(Part-06):2006
*NH_3 Conc.	<10.0	400	µg/m³	Indophenol Blue method 4.1 (CPCB guidelines 2012,NAAQS Volume-I)
*Lead	<0.05	1.0	µg/m³	AAS Method (NAAQS Volume-I)

Sampling conditions				
	Heavy Rain	No	Construction site near by	No
	Heavy wind	No	Vehicular Activity	Yes

Abbreviations: BDL-Below Detectable Limit, ND-Not Detected
* Not covered under NABL scope

Remark:
Note: This test report may not be produced in part or full, without the permission of this laboratory.
This test report refers only to the sample submitted for the testing.

Analyzed by

Mr. Kishor Potekar (Laboratory Manager)
Authorized Signatory

Annexure - 2
COD Level below 200

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We Ensure Quality

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PADMAJA AEROBIOLOGICALS PVT. LTD.
Public Testing Laboratory
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Period - 01-05-2014 to 30-04-2019
ISO 9001 : 2008, OHSAS 18001:2007 Certified
CIN : U73100MH1995PTC092502
NABL Accreditation Certificate No. TC-5088(In lieu of T-3221 & T-3222)
Valid upto 07.12.2018.

AIR-F-007

Ref. No. : 676/A-178/07-18

Date: 27/07/2018

Work Order No. - 1600085045 Dated 20/03/2018

Name of the Industry: M/s.Pidilite Industries Ltd.
Plot No.A-22/1, MIDC Industrial Area,
Mahad, Dist. Raigad - 402 309, Maharashtra

Date of Sampling: 20/07/2018

CERTIFICATE OF ANALYSIS

AMBIENT NOISE LEVEL MEASUREMENTS

Sr. No.	STATION	Noise Level in dB(A) (Day Time)	Noise Level in dB(A) (Night Time)
1	Near Main Gate	64.1	55.3
2	Near Loading Area	66.1	63.4
3	Near ETP	71.3	68.1
4	Near MBR Plant	74.4	68.8
5	Near Air Compressor Area	73.2	67.2
6	Near Empty Drum Storage Area	55.5	49.7
7	Near Blender Loading Point	60.2	55.3
8	Near Car Parking Area	52.4	51.3
9	Near water Pump	74.6	65.6

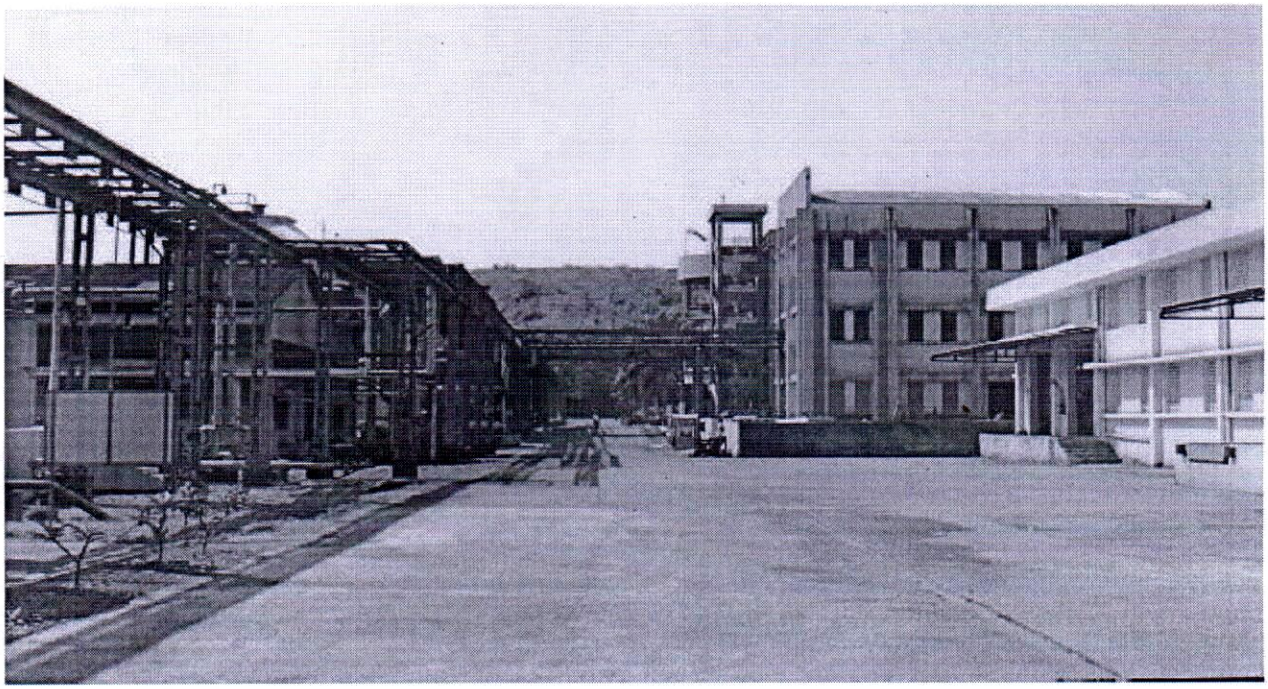
Remark: --
Instrument used: - Kusam-Meco KM 929 MK1 Sr. No. AIR-I-039
Calibration Due date: - 19/01/2019.
Limit: - <75.0 dB (A) - (Day Time)
<70.0 dB (A) - (Night Time)

For Padmaja Aerobiologicals Pvt. Ltd.

Anexure - 3

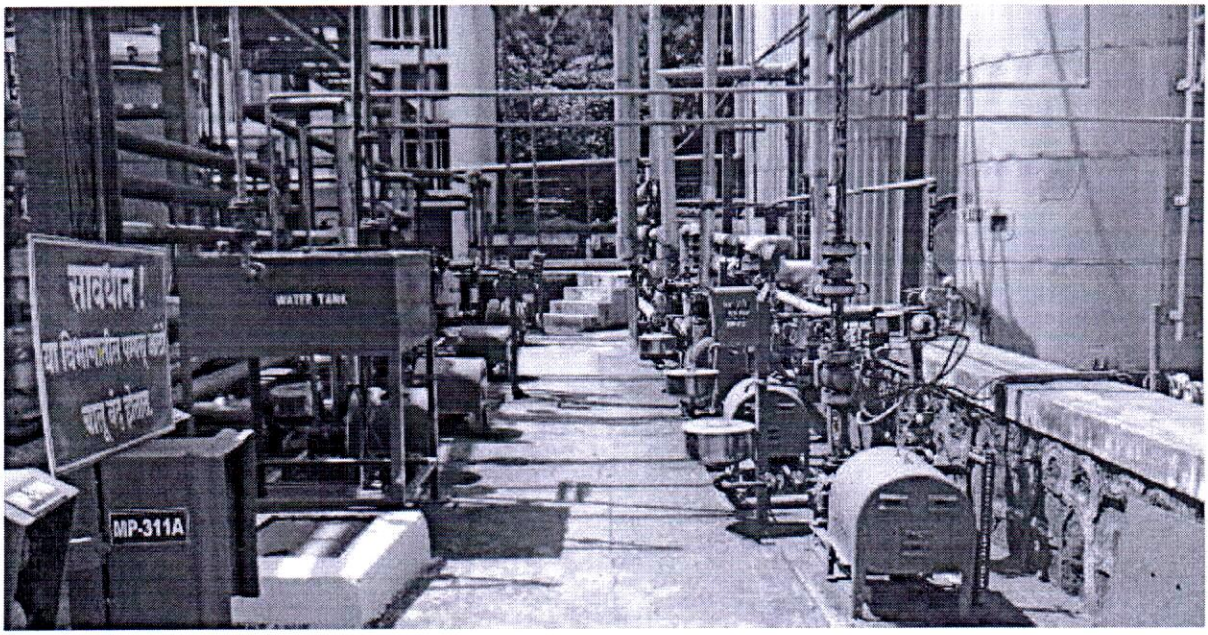
5 S Photographs

Main Road

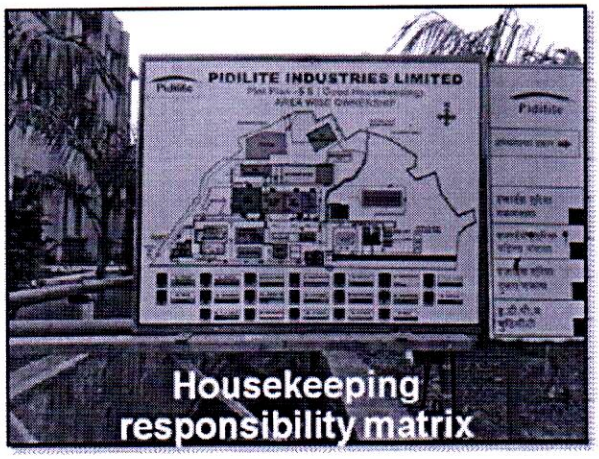


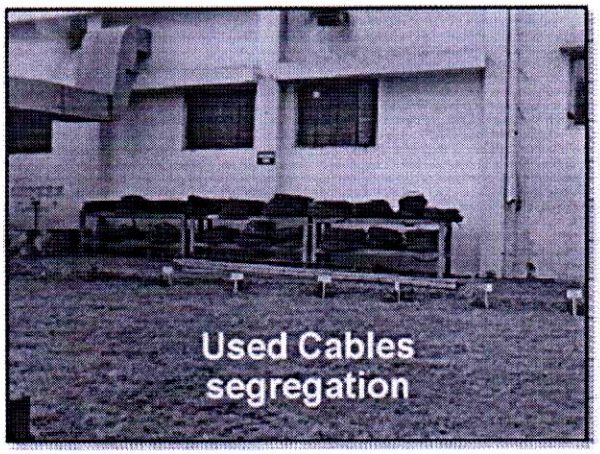
5 S in Tank Farm area

Tank Farm Area



5 S Activities





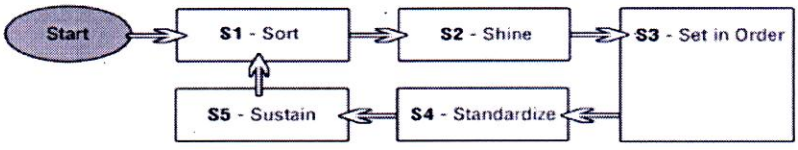
Pidilite

5S is a workplace organization technique composed for five primary phases: Sort, Set In Order, Shine, Standardize, and Systematize.

SORT	SET IN ORDER	SHINE	STANDARDIZE	SYSTEMATIZE
Keep only necessary items in the workplace.	Arrange items to promote efficient workflow.	Clean the work area so it is neat and tidy.	Set standards for a consistently organized workplace.	Maintain and review standards.

5S Methodology

5S Workplace Organization
A Clean, Uncluttered & Well Organized Workplace



Serving for more than 30 years

PAPL
HEALTH & ENVIRONMENT
We Ensure Quality

Annexure - 4

PAPL

PADMAJA AEROBIOLOGICALS PVT. LTD.
Public Testing Laboratory
Recognised by Ministry of Environment, Forest & Climate Change (MoEF)
Period - 01-05-2014 to 30-04-2019
ISO 9001 : 2008, OHSAS 18001:2007 Certified
CIN : U73100MH1995PTC092502
NABL Accreditation Certificate No. TC-5088(In lieu of T-3221 & T-3222)
Valid upto 07.12.2018.

WTR-F-001

CERTIFICATE OF ANALYSIS

Report No : **PAPL/EW-119/07-18** **Date:** - 25.07.2018
Job Ref. No : 1600093144 Date 02.07.2018
Sample Ref. No. : 645/EW-119/07-18
Name of Industry : **Pidilite Industries Limited.**
Address : plot No. A-22, MIDC Mahad.
Name of Sample : ETP Outlet Water
Sample Quantity : 2000 ml **Date of Collection** : 20.07.2018
Sample Collected by : PAPL **Date of Receiving** : 21.07.2018

Sr. No.	Test Parameter	Result	Unit	Limit	Test Method
1.	pH	6.9	---	5.5 – 9.0	IS:3025(P-11)1983
2.	Total Suspended Solids	<10	mg/l	100	IS:3025(P-17)1984
3.	Total Dissolved Solids	37	mg/l	2100	IS:3025(P-16)1984
4.	Dissolved Oxygen	5.3	mg/l	NA	IS:3025(P-38)1989
5.	Chemical Oxygen Demand	16	mg/l	250	IS:3025(P-58)2006
6.	BOD 3 days of 27°c	<5	mg/l	100	IS:3025(P-44)1993
7.	Oil & Grease	<4	mg/l	10	IS:3025(P-39)1991
8.	Sulphate	5.0	mg/l	1000	IS:3025(P-24)1986
9.	Chloride	8.0	mg/l	600	IS:3025(P-32)1988
10.	Total Ammonical Nitrogen	0.2	mg/l	NA	IS:3025(P-34)1988

Remark :- Complies with MPCB limits

ANALYSED BY

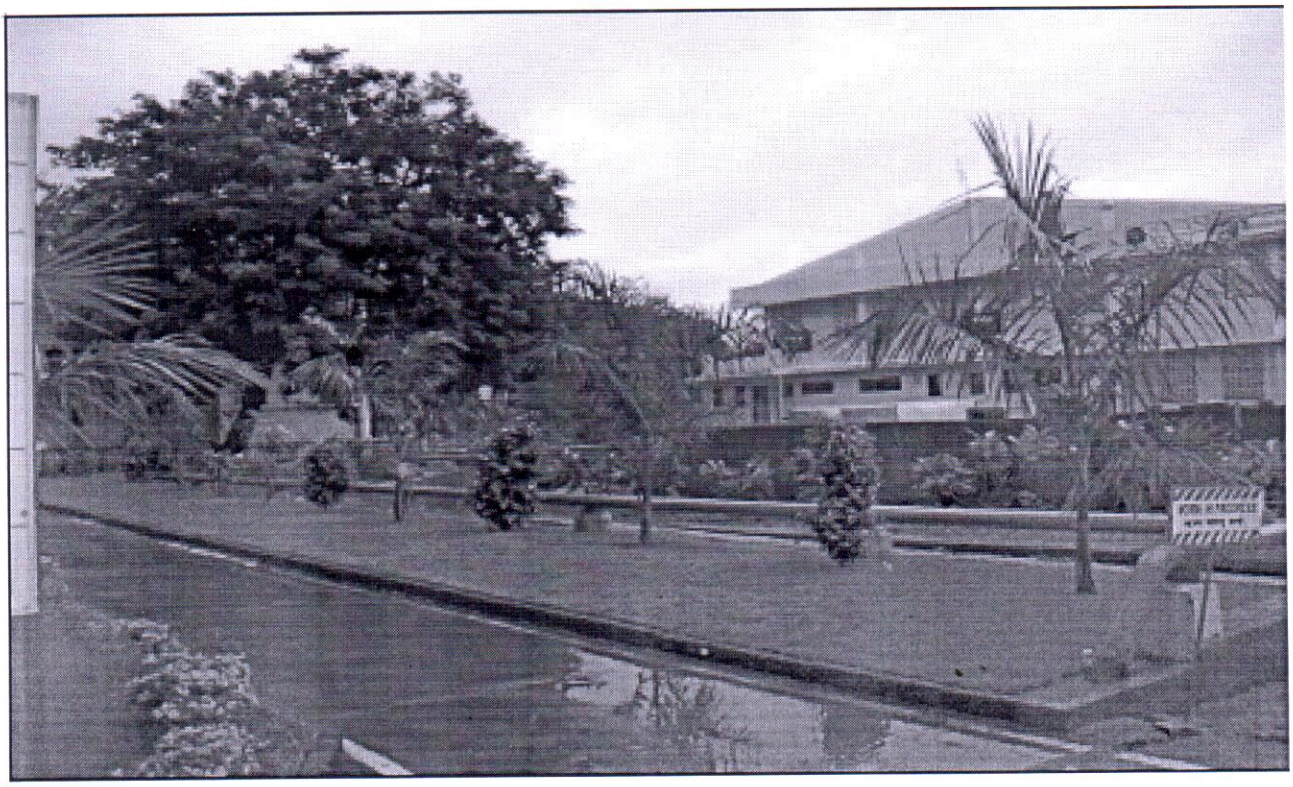
FOR PADMAJA AEROBIOLOGICALS PVT.LTD.

Abbreviations: NA: Not Applicable

Annexure -5

Green Belt List of plants

Plantation List		
Sr. No.	**Plant Discription**	**Quantity (Nos.)**
	Road Side plants	
1	Badam	20
2	Lagostromia	50
3	Rain tree	50
4	Satvin	10
5	Bottle palm	50
6	Ashoka	50
7	Acashia	50
8	Neem	46
	Garden plants	
9	Fycus	350
10	Champa	120
11	Hibiscus	100
12	Musanda	50
13	Dricina	100
14	Golden duranda	500
15	Lily	200
16	Exora	100
	Fruit plants	
17	Mango	200
18	Jambhul	100
19	Papaya	4
	Total Numbers of Plants	**2150**



Annexure - 6

Health Register in Form No 7

(See Rule 18(7) and schedules II, III, IV, VI, VIII, X, XI, XIII, XIV, XV, XVII, XVIII and XX Rule 114) **Pidilite Industries Ltd**

HEALTH REGISTER

(In respect of person employed in occupations declared to be dangerous operations under section 87).

Name Of Certifying Surgeon (a):_____ From:_____To_____

30 March 2018 Name Of Certifying Surgeon (b):_____ From:_____To_____

Srl No	Employee No	Name of Worker	Sex	Age	Date Of Employment Of present work	Date Of leaving or transfer to other work	Reason for leaving transfer or discharge	Nature of job or occupation	Raw Material or bye product handled	Dates Of medical Examination by certifying surgeon and result of medical examination	Result Of Medical Examination Physician Remark	If suspended from work state period of suspension with detailed reason	Certified fit to resume duty on with Signature of Certifying Surgeon	If certificate of unfitness or suspension issued to worker	Signature with date certifying Surgeon
1	1055	MR. PRAVIN J. KHARAVALIKAR	Male	55				STORES		14-02-2018	Fit For Job				
2	16596	MR. SHAUKAT D. SHAIKH	Male	46				DESPATCH		13-02-2018	Fit For Job				
3	24323	MR. AJIT A. NIMBALKAR	Male	28				R & D		14-02-2018	Fit For Job				
4	24346	MR. RAJKUMAR M. NISHAD	Male	28				Q. C. LAB		14-02-2018	Fit For Job				
5	24689	MR. RAJ ALAKSHENDRA	Male	33				ENGINEERING		15-02-2018	Fit For Job				
6	25018	MR. SHIVAJI J. PALANDE	Male	44				PRODUCTION		15-02-2018	Fit For Job				
7	25020	MR. RAJENDRA P. KADAM	Male	54				PRODUCTION		13-02-2018	Fit For Job				
8	26012	MR. KAMAL NAYAN RAI	Male	34				EXCISE		15-02-2018	Fit For Job				
9	4100	MR. GANESH N. SURVE	Male	41				OHC		15-02-2018	Fit For Job				
10	6003	MR. VIJAY S. WAJE	Male	45				STORES		14-02-2018	Fit For Job				

डॉ. अनिता सं. तारळेकर
कारखाने अधिनियम १९४८ च्या कलम १०(२)
प्रमाणे रायगड जिल्हयाकरिता १ ऑक्टोबर २०१६
पासून ५ ऑक्टोबर २०१८ पर्यंत प्राधिकृत प्रमाणक
राज्य विधिसल्लक क्र. ACS25 AT/2016

Annexure - 7

Various Safety Measures adopted in plant

1) Area Segregation :- Production plant is segregated Flame proof and Non Flame proof area , flame proof fittings/Equipment's are provided in flame proof, Tank Farm area & where flammable chemicals are handled.

2.**Fire Hydrant System:-** Plant premises is covered with TAC approved wet fire hydrant system in addition to portable fire appliance to take any fire eventuality.
Hydrant system has got hydrants, Fire Escape Hydrants & water Monitor. In addition to this mobile foam trolley is also provided.
Details are as under :-

FIRE HYDRANT SYSTEMS DETAILS

Sr.	Type of Pump	Make	RPM	Head	Discharge M3/Hr.
1.	Diesel Fired Engine	Kirloskar	1400	70 m	273
2.	Electrical Main Pump	Kirloskar	2965	70 m	273
3.	Electrical Jockey Pump	Kirloskar	2900	70 m	10.8

Hydrant Details:

Sr.	Type	No of Points	Remark
	Single Headed Ground Hydrant	25	
	Water Monitor	6	
	Fire Escape Hydrant Point	18	
	Sprinkler for External Cooling	2	
	Portable Foam Trolley	03	
	Sand Bucket Stand	08 no (45 no Buckets)	

FIRE PUMPS OPERATING SEQUENCE

Sr.	Type of Pump	Auto start pressure	Cut off pressure
1	JOCKEY PUMP	5.5. kg/ Cm2	7.2 kg/ Cm2
2	Diesel fire Engine	4.5kg/ Cm2	Manual off
3	Main Electric pump	2.5 kg/ Cm2	Manual off
4	Pressure	7.5 to 8.00 kg/ Cm2	
5	Reserved water for Fire Fighting	393.00 M3 (196.5 x 2)	

3.Manual Call points (MP) :- Manual call points are provided all over the plant premises in the field at strategic location, so that information can be promptly pass to the plant by the one how notice any emergency situation by breaking the glass of MCP.

5.Gas Detector System: - Hydrocarbon Gas Detector are provided at strategic location in the storage & plant premises to give an early warning of any abnormal situation which can lead to major Hazard.

6. Smoke detector System: -

Smoke Detectors are provided in the Control Room, MCC, QA LAB, R&D lab to give an early warning of any abnormal situation.

7. Storage tanks: -

All storage tanks are provided with Dyke wall to contain the chemicals in case of heavy leakage. All tanks are provided with the high, very high, low, very low level indicators cum switches, which give alarm in control room.

All the volatile material storages are provided with breather on the tank top to avoid pressure & vacuum conditions. Cooling systems are provided with PUF insulation to keep the content cool

8. Testing of Equipment: -

All the equipment's are tested as per statutory requirement to keep them in healthy condition.

9. Lightning arrester: -

Lightning arrester are provided at 09 no tallest places on plant building and tank farm area.

10.Audit/ Inspection: -

Cross auditing is carried out among the Parekh group, team comprises from various department.
Daily Unsafe condition finding and Rectification was carried out to maintain safe condition.

HAZOP study of the whole plant was carried out in 1996 and repeated again in April 2006 and 2011 from third party & recommendation arises in HAZOP are complied with.

11. Inspection and Testing of Tanks/ Vessel

Inspection of Storage tanks, pipelines are carried out regularly from competent person as per MFR 1963

1. General: -

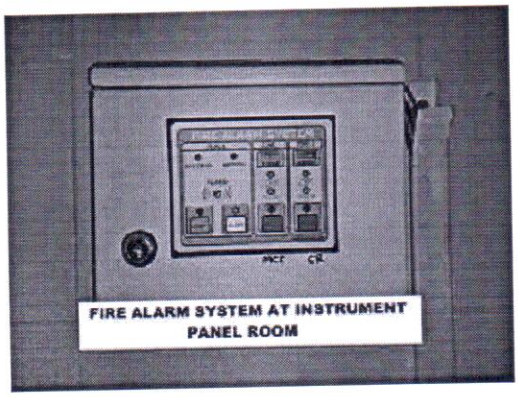
- Continuity Bonding over flange joint to flammable chemicals line to eliminates static charge during chemicals handling.
- Safety permit system are implemented for all types of non-routine job like Hot Work, Vessel Entry, Work at height, Excavation work, Cold work permit etc.
- Positive electrical isolation for rotating equipment during non-routine work.
- Regular Safety training was conducted to all person working in plant related to Hazards

associated with them.

- Good quality personal Protective Equipment's are made available for Hazardous Jobs at all the time.
- Regular Mock drill based on Site Emergency Plan was conducted to control emergency at minimum time.
- Oxygen & Explosive meter was available to check Oxygen content in confined space and Hydrocarbon in the atmosphere during work permit.
- Inspection of Hazardous Load tanker as per Central Motor vehicle rule1989.

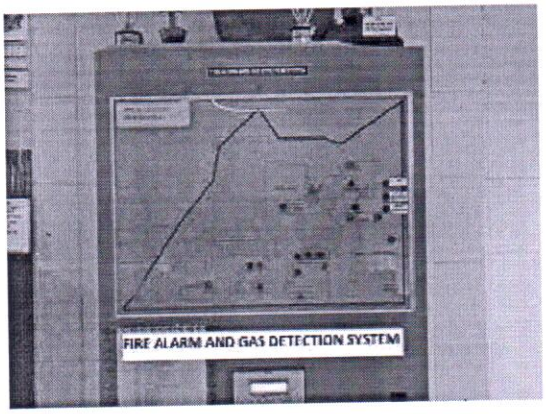
Annexure - 7

Gas detector and MCP



FIRE ALARM SYSTEM AT INSTRUMENT PANEL ROOM

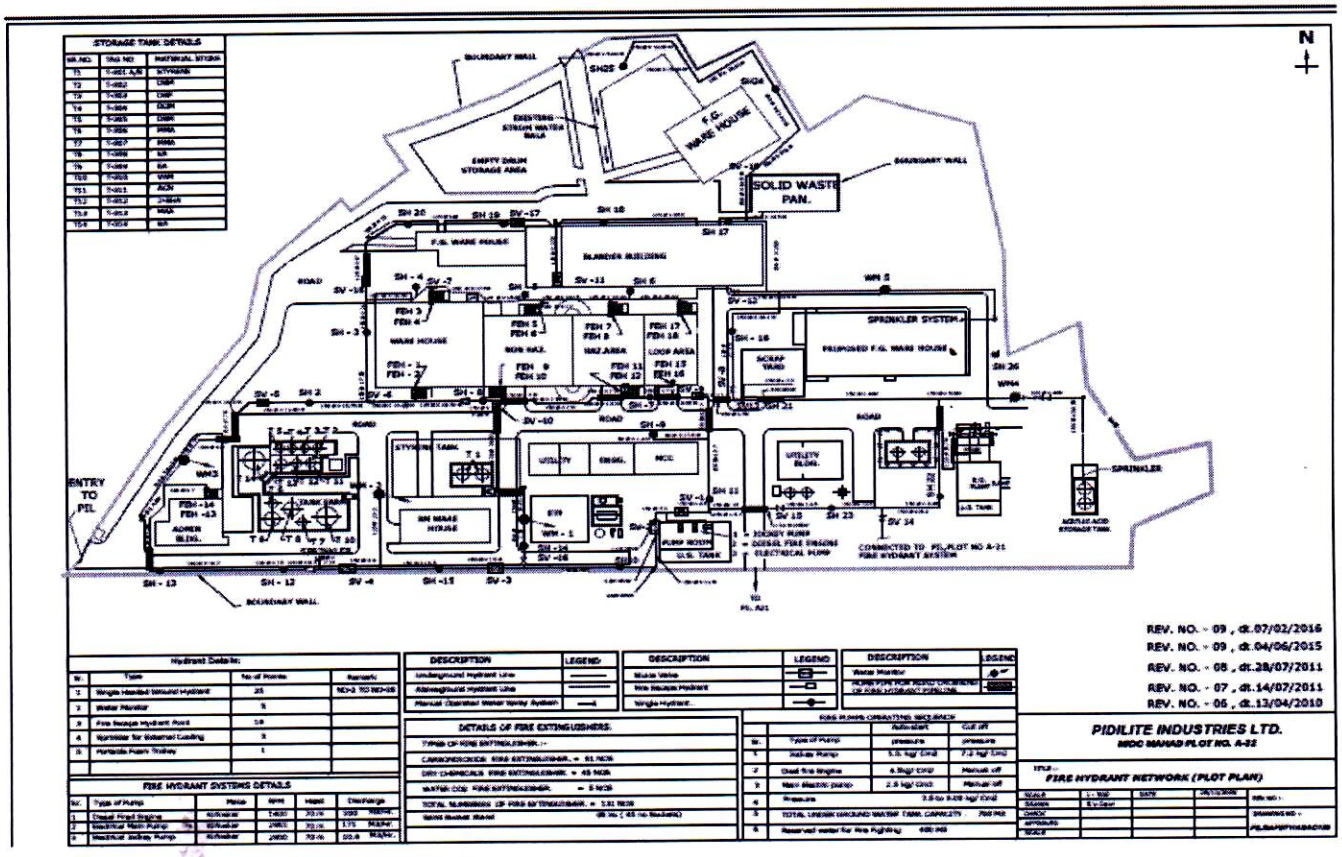
VAPOUR DETECTOR AT TANK FARM AREA



FIRE ALARM AND GAS DETECTION SYSTEM

VAPOUR DETECTOR AT STYRENE STORAGE TANK

Annexure - 7



Portable Fire Extinguishers

Sr	Type of Extinguishers	No of Fire Extinguishers	
1	9 kg Dry Chemical Powder	61	
2	4.5 kg C02 FE	81	
3	50 KG Dry Chemical Powder	06	
4	02 kg Co2 Fire Extinguisher	05	
5	Sand Bucket	45	

Annexure -8

Hazardous waste disposal approval and Manifest

An ISO 9001:2015, ISO 14001 : 2015 & OHSAS 18001 : 2007 Certified Company

NABL

RAMKY GROUP

towards sustainable growth

bsi.

Mumbai Waste Management Limited

Certificate

M/s. Pidilite Industries Ltd.

is a registered member of

CHW-TSDF at MIDC, Taloja

for safe & secure disposal of

Hazardous Waste.

Membership no.: MWML - HzW - MHD - 425

This Certificate is valid up to

March, 31st, 2020

Somnath Malgar
Head - MWML

Dinkar Adhav
Director

MWML Laboratory is accredited by NABL and Approved by MoEF

FORM - 10

(See rule 19(1))

MANIFEST FOR HAZARDOUS AND OTHER WASTE

1.	Sender's Name & Mailing Address (including Phone No. & E-mail)	M/S Pidilite Ind. Ltd., A22/1, MIDC Mahad, Raigad.
	MWML Membership No. :	MH 425
2.	Sender's Authorization No.	(CO/BO/AS(CT)/UAN-0[illegible]/EI/EC/CE/1/HTE-0334
3.	Manifest Document No.	A 61840
4.	Transporter's Name & Address (including Phone No. & E-mail)	M/S. Navnath Roadline, M.G. Road, opp SBI, Mahad
5.	Type of Vehicle	(Truck / Tanker / Special Vehicle)
6.	Transporter's Registration No.	RO/LO/(TH)/the/Transport/2016/S-853
7.	Vehicle Registration No.	MH 06 AL 6859
8.	Receiver's Name & Mailing Address (including Phone No. & E-mail)	**Mumbai Waste Management Ltd.** Plot No.P-32, MIDC, Taloja, Dist. Raigad 410 208. 022 - 2740 1468 to 71 & 022 - 2741 1473, Fax: 022 - 2740 1474 Email: mbdmwml@ramky.com/ mwml@ramky.com
9.	Receiver's Authorization No.	BO/RO(HQ)/HWMD/EIC No. -NM-5729-15/CR/CC-492
10.	Waste Description	Waste residue (Adhesive)
11.	Total Quantity	08.980 kg or MT
12.	Number of Containers	Number: 01 / Type: Truck
13.	Physical form	(Solid / Semi Solid / Sludge / Oily / Tarry / Slurry / Liquid)
14.	Waste Category Number	23.1 (Moisture 40%)
15.	Special Handling Instruction & Additional Information	Use rubber handgloves while handling.
16.	Sender's Certificate PIDILITE INDUSTRIES LTD. PLOT No. A-21 & 22/1, MIDC. AREA MAHAD - RAIGAD	I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are categorized, packed, marked and labeled and are in all respects in proper condition for transport by Road according to applicable national government regulations.
	Typed Name & Stamp Signature: Mr. R.K. Koushal	Month 09 Day 14 Year 2018
17.	Transporter Acknowledgment of Receipt of Waste	
	Typed Name & Stamp Signature: Navnath Roadlines. Mr. J. Kabade	Month 09 Day 14 Year 2018
18.	Receiver's Certification for receipt of Hazardous and other waste	
	Typed Name & Stamp Signature:	Month Day Year

Note : 1) Please attach Comprehensive Analysis report Photocopy.
2) For each type of waste use separate Manifest Form (Form-10)

Copy 2 Of 7

YELLOW COPY

To be retained by the sender after taking signature on it from the transporter.

Annexure - 9

Waste Minimization plan
Solid waste minimization technique/ Plan

Waste Minimization Measures

- Most of the active ingredients are being charged using mass flow meter and load cell vessels controlled through DCS
- Steam transfer of the batches being carried out to recover maximum polymer which is sticking to the wall of the reactor.
- Blender wash water is being collected and recycle through automated system thus recovering maximum polymer sticking to the blender.
- To minimize spillages vacuum system to blenders and reactors is implemented for charging of the material
- AODD pumps are being used to charge the material
- Most of the chemicals are charged by pump and gets auto cut off through DCS
  Chemicals Storage tanks having level indicators with alarm on DCS

Annexure - 10

Unit Name:	Pidilite Mahad A 22/1
Date:	27.08.2018
Time:	1100 Hrs

BRIEF DETAILS OF THE INCIDENT SIMULATED

VENUE:	Parked MMA Road tanker leaked from Manifold
PARTICIPANTS:	**Team Leader** - M R Kumbhar, **Emergency Team** – Milind Deshmukh, Dasharath Mahadik, Umesh Dhamnse, Gajanan Mahadik, S N Chavan,K R Mishra,R S Surve, Mr Nare (Sec. Sup.) **Fitter:** - K R Mishra **Stretcher** – S N Chavan, Gajanan Mahadik **Fire Fighting Team:** - Milind deshmukh, U H Dhamnse, Dasharath Mahadik,(Fire operator) **Mechanical Coordinator** - Raj Alkshendra **Fire and Safety:** - A V Kale, S S Mahamuni,V M Attarde **Emergency controller** - Rakesh Kaushal Site controller: - Mr V G Davate Head Count: - Naresh patil, Vinod Maltahne, Sunil Sharma Causality: - Mr Milind Deshmukh Fire Operator: - Mr S R Patil Male Nurse :- Mr G N Surve
INCIDENT DESCRIPTION	Fire due to leakage of MMA from Parked road tanker
INCIDENT CONTROLLER	Rakesh Kaushal

Sequence of operation with time line actions

Sr	Time Hrs.	Action	Action By	Actual Time Hrs.
1	1100	Fire at chemical tanker parking place due spillage and Leakage (Methyl methacrylate) from tanker bottom valve and spark from exhaust resulted Fire	First Observers	1101
2	1101	Observers report immediately to tank farm operator and control room	First Observers	1102
3	1102	PO informed to shift in charge through PA system and communicated at main gate also & Shift in charge visited at site & decided to needs to declare emergency and ask PO to declare emergency by sounding one minute waxing waning siren and announce on PA system to alert	S-I-C/ PO	1103
4	1103	Shift In charge instructed Tank Farm operator & PO to start chilling nearby tanks and external cooling	S-I-C (TL) and PO	1104
5	1104	ERT Reports assembly points No 1. Team leader gives them various assignment to response immediately. 3 members keep fire hydrant system ready for use., Foam trolley ready, one person with Fire suit Ask other team member to keep ready foam trolley ready and use SCBA and Gas Mask while attending emergency	Team Leader	1104
6	1104	Considering Wind direction shift in charge evacuated the nearby person nearby tank farm area and informed to nearby industry	S-I-C	1105
7	1104	Deputed person to block the storm water drain & try to extinguish fire by using Foam	Tea m Leader	1106

8	1105	Incident controller and CDC decide to stop all transfer activity in nearby tank farm area including tanker unloading activity and evacuated nearby area and protection to parked vehicle	Incident controller and CDC	1106
9	1106	CDC takes stock of ECC to control emergency and start action accordingly	CDC	-
10	1106	All Section Head/ Dept Head assist in various operation to CDC and SC w.r.t. to arrest leakage	HOD	1107
11	1107	Use fog nozzle to Fire smoke cloud in atmosphere and putting efforts to extinguish fire by foam	Team Members / Safety coordinators	1108
12	1108	Arrange sand / soil to cover entire spillage material inside h dike and soak and ensure no any contaminated water flowing in storm water drain	Team Leader SC	1108
13	1109	By putting closing bottom valve of Tanker and leakage stop ,& needs to take care of MMA by all ERT	Incident controller and CDC	1110
14	1110	Entire leakage covered by soil and soaked contaminated soil collected in liners for disposal	Team Members	1113
15	1111	One of the team members exposed to smoke and vapour of MMA , First aid given with help first aidersand send for hospital for further treatment	First Aiders/ Male Nurse	1114
16	1111	Site Controller after seeking consent of CDC decides for Evacuation, He informs PO to Sound evacuation siren and give paging for Evacuation & inform to nearby industries / resident	CDC	1114
17	1111	As Team Leader to one of the team member , with help of SCBA surrounding round for any causality or any other hazard	TL / Team members	1112
18	1112	CDC Phones up to ERC [101] for aid i:e MIDC Fire Tender , Ambulance, Mahad Municipality Fire Tender. (Mock) and local authority If required	CDC	-
19	1113	Site Controller after seeking consent of CDC decides for Evacuation, He informs PO to Sound evacuation siren and give paging for Evacuation & inform to nearby industries / resident	CDC	1114
20	1113	All line management/ HOD assist to CDC in various matter and to empty out tank	All line management	1115
21	1114	Administrative officer / Manager on request for tallying Head counting including contractor workers.	Admin /HOD / Sectional Heads.	1116
22	1115	Administrative Officer to gives Head count to CDC and sends the persons to assembly point o 2	Head Admin	1117
23	1115	External Aids report to SC and starts working under his & ERT leader guidance.	SC, ERT, Leader.	Not called
24	1116	Male Nurse decided to shift causality to our MO for further treatment and second one is ok	Male Nurse	1117
25	1116	Team leader and Site controller taken decision to remove all tankers parked in this area after extinguishing the complete fire and attended leaking tanker by putting tightening all compartment valve of MMA tanker and stop the leakage	Site Controller / CDC	1118
26	1117	Driver of Company Emergency van proceed with causality to Dr. Dharap /MMA Hospital Hospital to treat causality	Male Nurse	NR
27	1117	CDC send message to PO Sound All clear sire,	PO/ All concerned.	1122
28	1118	CDC, SC and all section head decided to restore the work and no any further harm to plant / machinery and persons working in factory.	CDC/SC	1123

ASSEMBLY POINTS CHECKLIST:

Area Knowledge to all the participants	Yes
People assembled in 5-7 minutes of disaster	Yes (within 3 min)
Attendance Taken	Yes (Matched)
Reporting mechanism to the Incident controller for possible evacuation	Yes , Through Siren, Telephone
Siren for all clear	1 min continuous siren for all clear
Time for incidence and time for all clear	20 min
The leadership quality of the personnel designated to control at assembly point	Leadership quality was satisfactory needs further improvement

EMERGENCY SQUAD:

Equipment resource	Required resources like Aluminize Fire Suit, Triple purpose Nozzle, Mayura curtain nozzle, Cartridge Mask OHC Firefighting resources are kept ready and demonstrate at the time of drill
Equipment Operation, fire extinguisher, Hydrants opening, goggles, fire suites etc.	Yes performed during the drill
Time of arrival at site:	1102
Time for controlling emergency	1122hrs
Time taken to controlling emergency	Satisfactory
Evacuation process knowledge of the team. Satisfactory, Unsatisfactory	Always scope for improvements

FACILITY EVALUATION:

Fire Extinguishers workability and appropriateness	Yes , all fire extinguishers are healthy and working position
Hydrants working, Jet power, hose pipe fitting etc.	Working conditions , foam trolley operated , use SCBA , Other PPE like FIRE SUIT AND 3 M Mask
Emergency Control room equipment's facility adequate or not adequate as per OEP	Emergency control room facility is adequate like site map, telephone number , telephone line , On Site emergency plant
Medical Facilities like recuperations, first aid etc.	Occupational center is in operation along with Male nurse

Good Observation: -

1) Use of Aluminized Fire suit during attending Fire Emergency
2) Use of Triple purpose and Mayura nozzle to act as curtain for arresting smoke /gas towards plant side
3) All contractor, visitors assembled at assembly point for Head count

RECOMMENDATIONS FOR THE IMPROVEMENTS IN THE OEP OR MANAGEMENT ACTION

Shortcoming / Gap Observed	Action Plan	Responsibility	Target Date
Incident site concrete road slippery due to alga formation due to monsoon water	To be clean by bleaching periodically	Admin	Completed
Fire Hose handling practice needs be improve by training and drill	Truncated drill is to be plan for Fire hose handling	VMA	Completed

Incident Controller :

Sign:

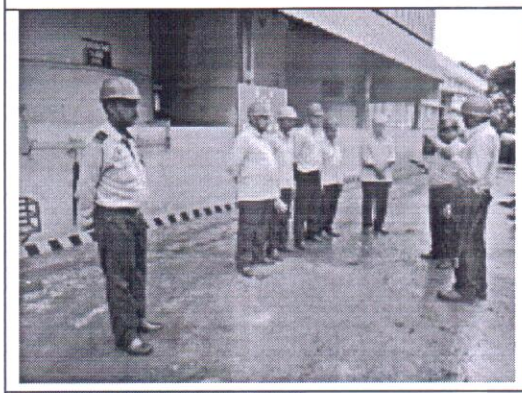
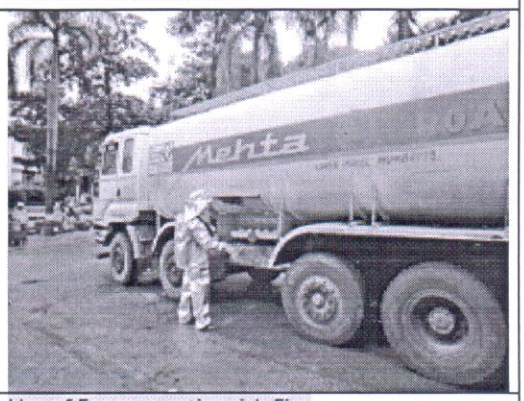
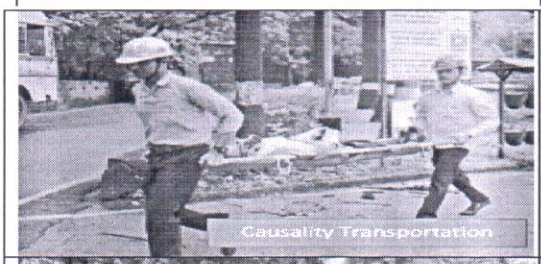
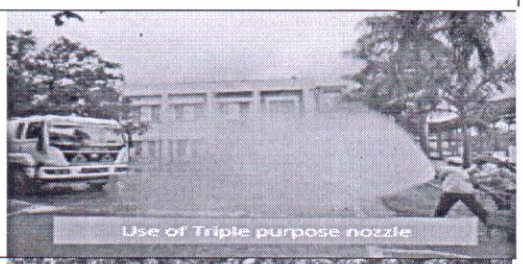
NAME: M R Kumbhar

Emergency Controller

Sign:

NAME: - V G Davate

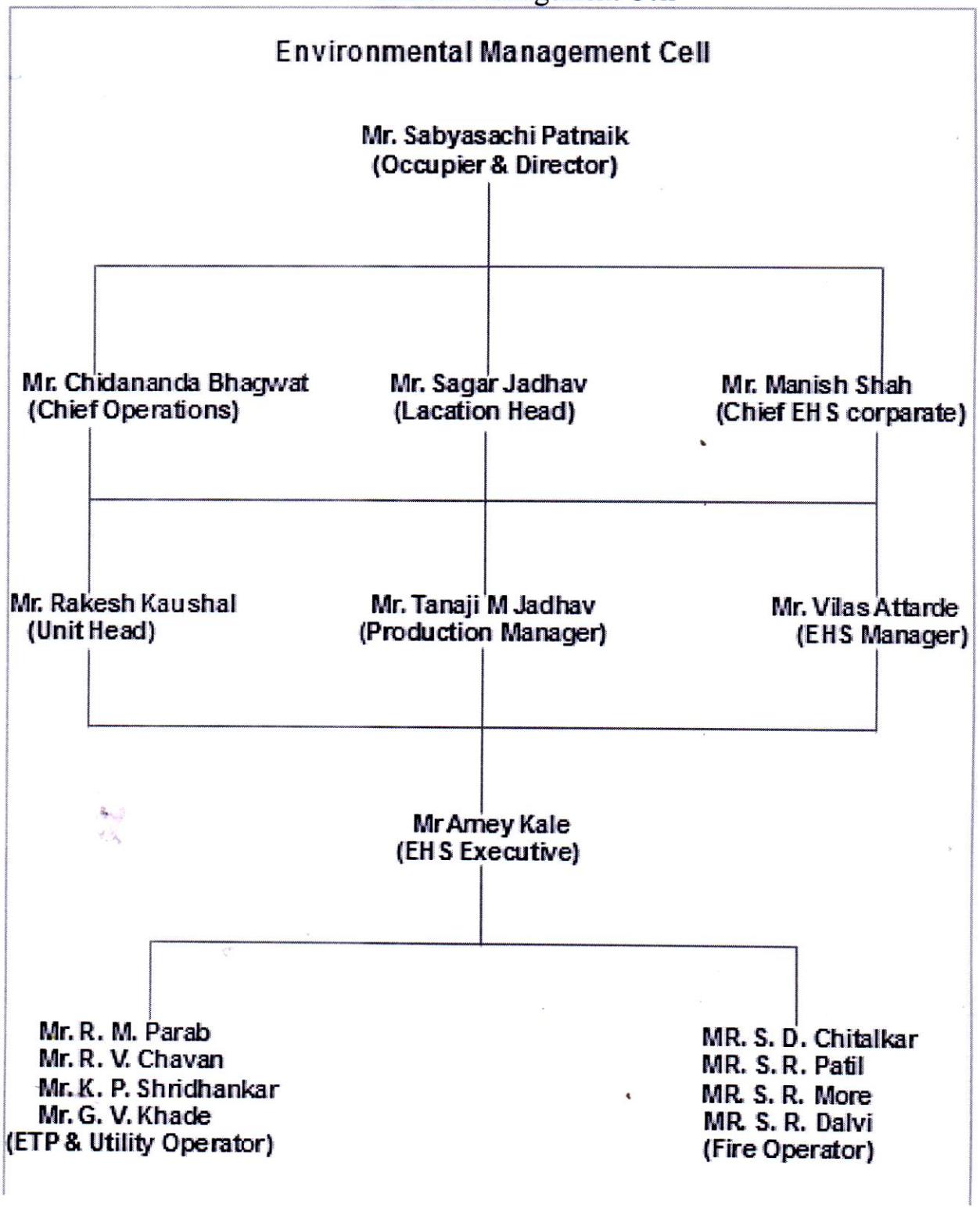
Photographs of Mock drill Dt. 27.08.2018

Team Assembled at Assembly points	Leaking Tanker of MMA
	
Protection by Mayura Nozzle	Use of Foam to extinguish Fire
	
 Causality Transportation	 Use of Triple purpose nozzle
 Review Meeting at site	 Head Counting at site

Prepared by: - Vilas Attarde

Annexure - 11

Environment Management Cell



Annexure - 12

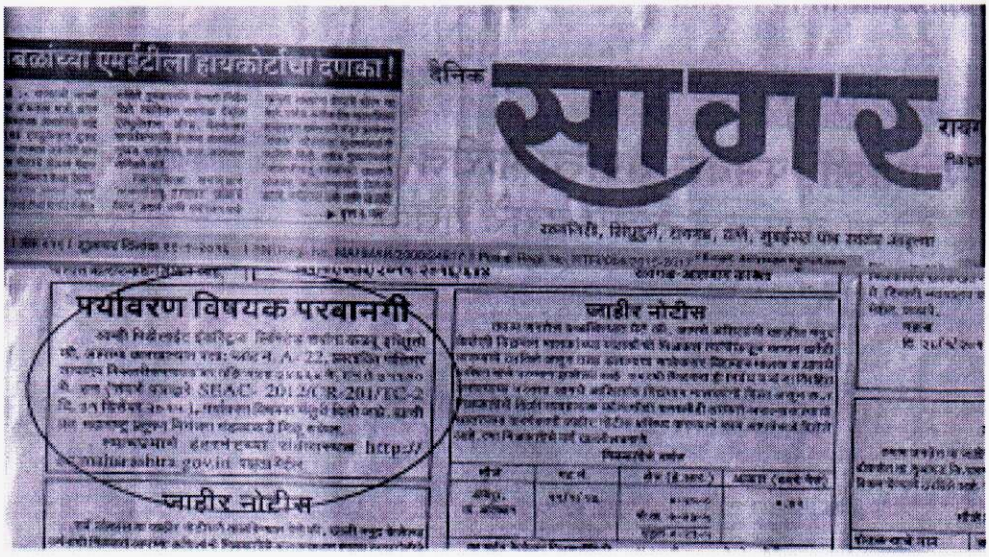
Environment Budget/ Cost

EMP Budgetary allocation details

Environmental Cost						
Month	**Chemical cost (Rs)**	**Electricity cost (Rs)**	**Sludge handling & disposal cost (Rs)**	**Manpower uesd cost (Rs)**	**Environmental Monitoring cost (Rs)**	**Total cost (Rs)**
April-2018	48427.65	98007.84	0	167507	35000	348942.49
May-2018	53467.8	90201.66	440800	159921	0	744390.46
June-2018	49575.95	103878.68	0	164784	0	318238.63
July-2018	54080.45	105758.46	0	151558	35000	346396.91
Aug-2018	52817.9	106712.24	30000	149613	0	339143.14
Sep-2018	34435.7	77265.44	399200	149224	0	660125.14
Tree plantation cost						15840
World environment day celebration cost						15000
Total final Cost						**2788076.77**

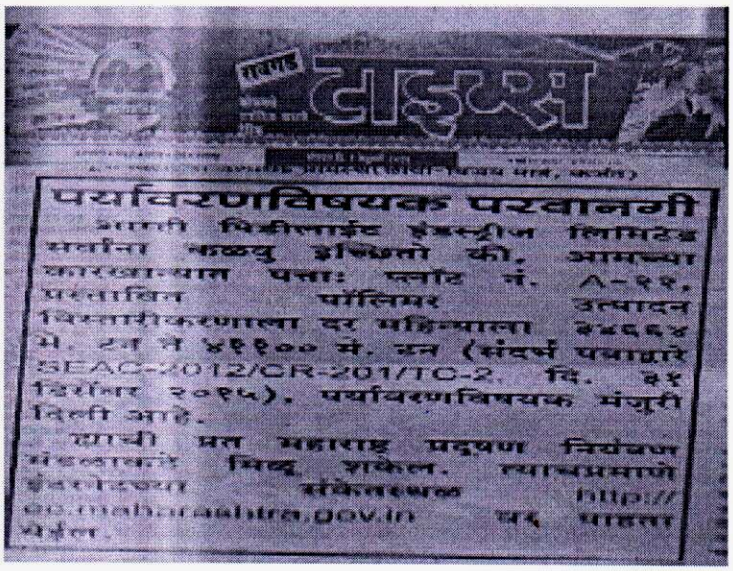
Annexure - 13

Annexure no. 22: Advertisement given in two local newspapers


दैनिक सागर

पर्यावरण विषयक परवानगी

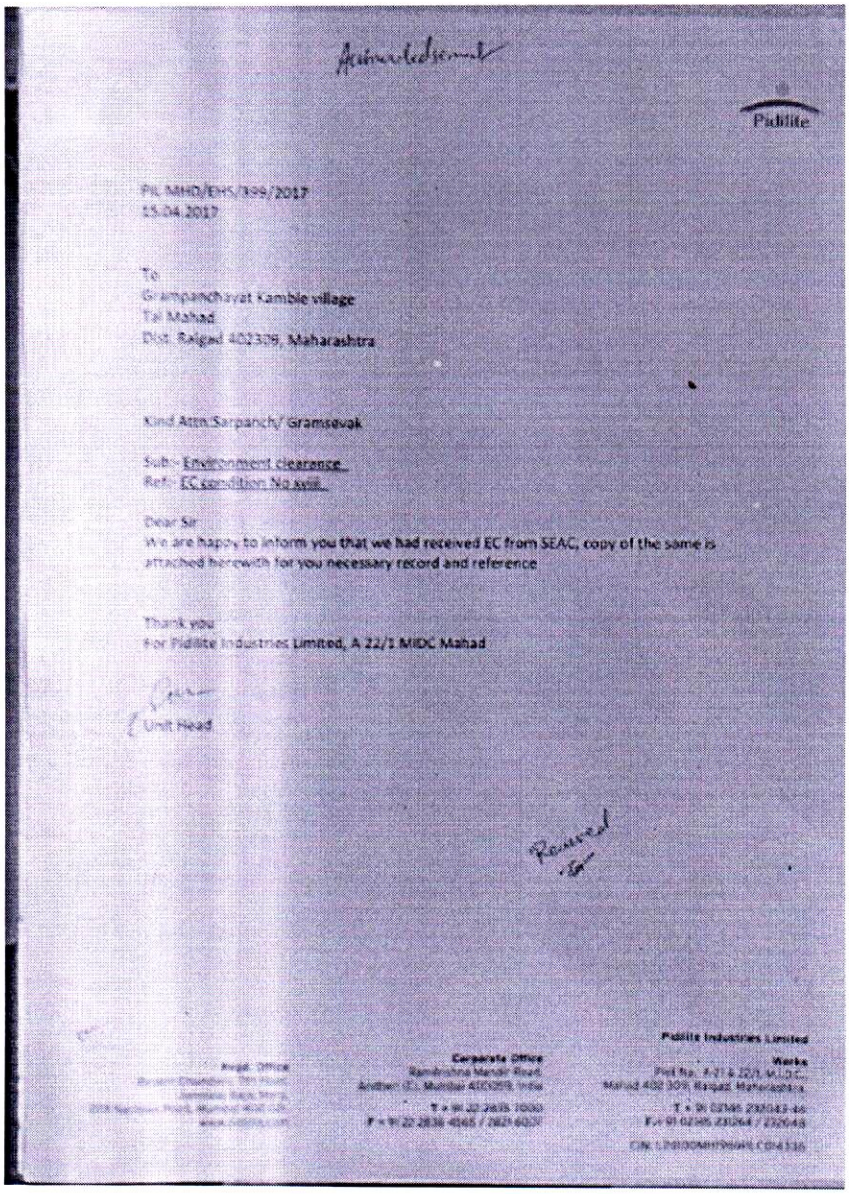
जाहीर नोटीस


दैनिक दर्शन

पर्यावरणविषयक परवानगी

Annexure - 14

Acknowledgment of EC letter submission to Gram panchayat



Acknowledgment

Pidilite

PIL MHD/EHS/399/2017
15.04.2017

To
Grampanchayat Kamble village
Tal Mahad
Dist. Raigad 402309, Maharashtra

Kind Attn Sarpanch/ Gramsevak

Sub:- Environment clearance
Ref:- EC condition No xxiii

Dear Sir
We are happy to inform you that we had received EC from SEAC, copy of the same is attached herewith for you necessary record and reference

Thank you
For Pidilite Industries Limited, A 22/1 MIDC Mahad

Unit Head

Received

Regd. Office
Pidilite Industries Limited

Corporate Office
Ramkrishna Mandir Road,
Andheri (E), Mumbai 400059, India
T + 91 22 2835 7000
F + 91 22 2836 4545 / 2821 6020

Works
Plot No. A-21 & 22/1, M.I.D.C.,
Mahad 402 309, Raigad, Maharashtra.
T + 91 02145 233043-46
F + 91 02145 233064 / 233048
CIN: L24100MH1969PLC014336

Annexure - 15

Submission of Form No V (Environment Statement- 2017-2018)

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

Environmental Audit Report for the financial Year ending the 31st March 2018

Company Information

Company Name	***Application UAN number***	
Pidilite Industries Limited	NA	
Address		
A-22/1 MIDC Mahad, Mahad, Raigad		
Plot no	***Taluka***	***Village***
A-22/1	Mahad	Mahad
Capital Investment (In lakhs)	***Scale***	***City***
6509.88	L.S.I	Mahad
Pincode	***Person Name***	***Designation***
402309	R K Kaushal	Unit Head
Telephone Number	***Fax Number***	***Email***
02145-232043	02145-231264	rkaushal@pidilite.com
Region	***Industry Category***	***Industry Type***
SRO-Mahad	Red	other
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format 1.0/BO/AS(T)/UAN No. 0000016411/O & A/CC-1703001270 & 1.0/BO/AS(T)/UAN No. 0000016411/CC Cell/A/CC-0334	20.03.2017 & 20.05.2017
Consent Valid Upto		
31.01.2021		

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
Polymer based on VAM, Acrylate, Styrene, Ethylene Monomers & adhesive based in PVA	41100	39764.01	MT/A

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
Nil	0	0	