

### 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 Ltd NOT RECD

**Address**MIDC Mahad

 Plot no
 Taluka
 Village

 C - 58
 Mahad
 MIDC area

Capital Investment (In lakhs)ScaleCity19.07MSIMahad

PincodePerson NameDesignation402309B. T. LattheFactory Manager

Telephone Number Fax Number Email

9423893250 774005241 latthebt@pidilite.com

Region Industry Category Industry Type

SRO-Mahad Red O75 Synthetic resins

Last Environmental statement submitted online Consent Number Consent Issue Date

yes 1.0/BO/AST/UAN NO. 0000028210/O/CC-1710000670 17.10.2017

**Consent Valid Upto** 

30/09/2020

### **Product Information**

Product Name

Consent Quantity Actual Quantity UOM

Product Name

Actual Quantity UOM

ACTUAL CONSENT QUANTITY ACTUAL QUANTITY

polymer of vinyl acetate and poly vinyl alcohol and additive based on vinyl acetate and 30000 17964 MT/A polyvinyl

**By-product Information** 

By Product NameConsent QuantityActual QuantityUOMNANANAMT/A

1) Water Consumption in m3/day

Water Consumption for Process	<b>Consent Quantity in m3/day</b> 85	<b>Actual Quantity in m3/day</b> 30
Cooling	43	15
Domestic	4	2.9
All others	9	0
Total	141	48

#### 1) Effluent Generation in CMD / MLD

ParticularsConsent QuantityActual QuantityUOMTrade effluent3.52CMD

Sewage effluent 2 1 CMD

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

### Name of Products (Production)

polymer of vinyl acetate and poly vinyl alcohol and additive based on vinyl acetate and polyvinyl

During the Previous financial Year	During the current Financial year	иом
6123	10853	MT/A

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

per unit of product)			
Name of Raw Materials	During the Previous financial Year	During the current Financial year	ИОМ
VINYL ACETATE- MONOMER	5253	7933	MT/A
POLY VINYL ACETATE	568	921	MT/A
CATAYALYST	4	11.8	MT/A
ACTIVATOR	0.26	0.52	MT/A
SURFACTANTS	3	13	MT/A
DMW	6123	10853	MT/A
PLASTISISER	50	0	MT/A
EMULSIFIER	25	14	MT/A
PRESERVATIVES	9	10	MT/A

### 4) Fuel Consumption

Fuel NameConsent quantityActual QuantityUOMFO255500121620Ltr/AHSD73002227Ltr/A

# Pollution discharged to environment/unit of output (Parameter as specified in the consent issued) [A1 Water]

[A] Water					
Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
PH	0	8.05	0	5.5-9	OK
Suspended solid	0	<10	0	100	OK
BOD 3 days	0	<5	0	30	OK
COD	0	12	0	250	OK
Oil and Grease	0	<4	0	10	OK
TDS	0	188	0	2100	OK
Sulphate	0	25	0	1000	OK
Chlorides	0	34	0	600	OK

	tac	

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
TPM	0	99	0	150	OK
SO2	0	15.7	0	63	OK

CO	0	119			0			NS	OK
HAZARDOUS V									
1) From Proce Hazardous Wa				Total During Financial ye			Total During Cu Financial year	ırrent	иом
5.1 Used /spent	oil			0.05	zu.		0.0		KL/A
23.1 Wastes/res	sidues (not made	with vegetable or	r animal mate	7.85			13.17		MT/A
33.3 Discarded	containers / barı	rels / liner		2125			2381		Nos./\
	tion Control Fa	cilities							
Hazardous Wa	ste Type		Total Durii year	ng Previous F	inancial	Tot yea	tal During Current ar	Financial	UOM
34.3 Chemical s	ludge from wast	e water treatment	: 0			0			MT/A
SOLID WASTES  1) From Proce  Non Hazardou  PAPER BAGS	SS	<b>Total During Pro</b> 4.170	evious Finan	icial year	<b>Total Du</b> 4.25	ring (	Current Financial y	year	<b>UOM</b> MT/A
CARBOYS		24			24				Nos./Y
Paper Cloth		94			96				Kg/Annum
2) From Pollut	tion Control Fa	cilities							
<b>Non Hazardou</b> NA	s Waste Type		_	ıs Financial y	<b>ear Total</b> 0	Duri	ng Current Financ	ial year	<b>UOM</b> Kg/Annum
<b>Non Hazardou</b> NA	s Waste Type	<b>Total Du</b> 0	e Total Du	ıring Previou	0	Tota	al During Current	ial year	UOM Kg/Annum
Non Hazardou NA 3) Quantity Re unit	s Waste Type	<b>Total Du</b> 0	<u>e</u>	ıring Previou	0	Tota		ial year	Kg/Annum
Non Hazardou NA  3) Quantity Re unit Waste Type 0  Please specify	ecycled or Re-u	Total Du 0 utilized within th	e Total Du Financia 0	uring Previous al year ion and quan	s sutum) of ha	<b>Tota</b> <b>Fina</b> 0	al During Current		UOM Kg/Annum
Non Hazardou NA  3) Quantity Re unit Waste Type 0  Please specify indicate dispo 1) Hazardous	the character	Total Du 0 ntilized within the istics(in terms of	e Total Du Financia 0  f concentrat hese catego	uring Previous of year ion and quan ries of waste Qty of Hazard	s stum) of ha	<b>Tota</b> <b>Fina</b> 0	al During Current Incial year	d wastes a	UOM  Kg/Annum
Non Hazardou NA  3) Quantity Re unit Waste Type 0  Please specify indicate dispo 1) Hazardous	the charactersal practice addus Waste dous Waste Ge	Total Du 0 ntilized within the istics(in terms of	e Total Du Financia 0  f concentrat hese catego	uring Previous of year ion and quan ries of waste	otum) of hads.	Tota Fina 0	al During Current encial year ous as well as solid	d wastes a	UOM  Kg/Annum  and
Non Hazardou NA  3) Quantity Reunit Waste Type 0  Please specify indicate dispo  1) Hazardous Type of Hazardous 5.1 Used /spent	the charactersal practice and waste dous Waste oil	Total Du 0 ntilized within the istics(in terms of	e Total Du Financia 0  f concentrat hese catego	uring Previous al year ion and quan ries of waste Qty of Hazard Waste	s stum) of has. dous U	Tota Fina 0 zardo	al During Current encial year ous as well as solic Concentration of	d wastes a Hazardou zed recycli	UOM  Kg/Annum  and  s Waste  er
Non Hazardou NA  3) Quantity Reunit Waste Type 0  Please specify indicate dispo  1) Hazardous Type of Hazardous 5.1 Used /spent 23.1 Wastes/resmate	the charactersal practice and waste dous Waste oil	Total Du 0  Itilized within the istics(in terms of lopted for both term	e Total Du Financia 0  f concentratehese catego	uring Previous al year ion and quan ries of waste Qty of Hazard Waste 0	s otum) of has.  dous Ut	Tota Fina 0 zardo OM r/A	al During Current oncial year  ous as well as solice  Concentration of oily - sell to authorize	d wastes a  Hazardou  zed recycli  MWML for i	UOM  Kg/Annum  and  ss Waste  er  ncineration
Non Hazardou NA  3) Quantity Reunit Waste Type 0  Please specify indicate dispo  1) Hazardous Type of Hazard  5.1 Used /spent  23.1 Wastes/resmate  33.3 Discarded  2) Solid Waste Type of Solid I	the character sal practice and waste dous Waste oil sidues (not made containers / barr	istics(in terms of lopted for both the lopted	e Total Du Financia 0  f concentratehese catego	ion and quanties of waste  Qty of Hazard Waste 0 13.17	s otum) of has.  dous Ut	Tota Fina 0 zardo OM r/A T/A	al During Current incial year  ous as well as solice  Concentration of  oily - sell to authorize solid - disposed to M	d wastes a  Hazardou  zed recycli  MWML for i	Wom  Kg/Annum  Kg/Annum  and  s Waste  er  ncineration  rized party
Non Hazardou NA  3) Quantity Reunit Waste Type 0  Please specify indicate dispo  1) Hazardous Type of Hazard  5.1 Used /spent  23.1 Wastes/resmate  33.3 Discarded  2) Solid Waste	the character sal practice and waste dous Waste oil sidues (not made containers / barre	istics(in terms of lopted for both the lotter of lopted) with vegetable or rels / liner	e Total Du Financia 0  f concentrat hese catego  animal  Qty of Solid	ion and quanties of waste  Qty of Hazard Waste 0 13.17	s  s  dous  Lt  M  No  UOM	Tota Fina 0 zardo OM r/A T/A	Concentration of Solid , disposed to M	d wastes a  Hazardou  zed recycli  MWML for i	Wom  Kg/Annum  Kg/Annum  and  s Waste  er  ncineration  rized party

NOx

0

36.9

0

80

OK

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)		Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	0	0

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)
Heat recovery condenser for DMW heating	To reduce FO consumption	20.0
Addition of artic master to chilling plant	To reduce Energy consumption	2.0
Installation of cathodic protection	To reduce erosion of VAM tank	5.0

### [B] Investment Proposed for next Year

Detail of measures for Environmental ProtectionEnvironmental Protection MeasuresCapital Investment (Lacks)Boiler chimney replacementProper and safe venting of stack gas8.0Internal road developmentTo eliminate dust pollution35

Any other particulars in respect of environmental protection and abatement of pollution.

#### **Particulars**

NA

### Name & Designation

Balsaheb Tatoba Latthe - Factory Manager