



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

Environmental Audit Report for the financial Year ending the 31st March 2019

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000018255

Submitted Date

13-09-2019

Company Information

Company Name

Pidilite Industries Ltd

Application UAN number

NOT RECD

Address

MIDC Mahad

Plot no

C - 58

Taluka

Mahad

Village

MIDC area

Capital Investment (In lakhs)

19.07

Scale

MSI

City

Mahad

Pincode

402309

Person Name

B. T. Latthe

Designation

Factory Manager

Telephone Number

9423893250

Fax Number

774005241

Email

latthebt@pidilite.com

Region

SRO-Mahad

Industry Category

Red

Industry Type

O75 Synthetic resins

Last Environmental statement submitted online

yes

Consent Number

1.0/BO/AST/MPCB CONSENT
AMMENDMENTS-0000000500-1907000009

Consent Issue Date

08.07.2019

Consent Valid Upto

30/09/2020

Product Information

Product Name

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

Consent Quantity

30000

Actual Quantity

21135

UOM

MT/A

By-product Information

By Product Name

NA

Consent Quantity

NA

Actual Quantity

NA

UOM

MT/A

1) Water Consumption in m3/day

Water Consumption for Process

Consent Quantity in m3/day

85

Actual Quantity in m3/day

42

Cooling

43

20

Domestic

4

3

All others

9

0

Total

141

65

1) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade effluent	3.5	2	CMD
Sewage effluent	2	1	CMD

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

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
polymer of vinyl acetate and poly vinyl alcohol and additive based on vinyl acetate and polyvinyl	10853	10019	MT/A

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

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
VINYL ACETATE- MONOMER	7933	9007	MT/A
POLY VINYL ACETATE	921	10136	MT/A
CATAYALYST	11.8	9.85	MT/A
ACTIVATOR	0.52	2.12	MT/A
SURFACTANTS	13	0.760	MT/A
DMW	10853	10019	MT/A
PLASTISISER	0	00.083	MT/A
EMULSIFIER	14	7.9	MT/A
PRESERVATIVES	10	122.182	MT/A
NAMAN	0	138	MT/A
ISOPROPYL ALCOHOL	0	33	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
FO	365000	138260	Ltr/A
HSD	7300	6463	Ltr/A

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[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	7.5	0	5.5-9	OK
Suspended solid	0	10	0	100	OK
BOD 3 days	0	11	0	30	OK
COD	0	40	0	250	OK
Oil and Grease	0	<1	0	10	OK
TDS	0	234	0	2100	OK
Sulphate	0	30	0	1000	OK
Chlorides	0	60	0	600	OK

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
TPM	0	89	0	150	OK
SO2	0	12.9	0	63	OK
NOx	0	41.4	0	80	OK
CO	0	78	0	NS	OK

HAZARDOUS WASTES**1) From Process**

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0	0.20	KL/A
23.1 Wastes or residues (not made with vegetable or animal materials)	13.17	11.9	MT/A
33.1 Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	2381	1038	Nos./Y

2) From Pollution Control Facilities

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

SOLID WASTES**1) From Process**

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
PAPER BAGS	4.25	0.95	MT/A
CARBOYS	24	24	Nos./Y
Paper Cloth	96	80	Kg/Annum

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
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

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	0.20	Ltr/A	oily - sell to authorized recycler
23.1 Wastes or residues (not made with vegetable or animal materials)	11.9	MT/A	solid - disposed to MWML for incineration

33.1 Empty barrels/containers/liners contaminated with hazardous chemicals /wastes

1038

Nos./Y solid ,disposed to MPCB authorized party

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
PAPER BAGS	0.95	MT/A	Solid -
carboys	24	Nos./Y	solid -
paper cloth	80	Kg/Annum	solid -

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)
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)
Boiler chimney replacement done.	Proper and safe venting of stack gas	8.0

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Internal road development	To eliminate dust pollution	35

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

Particulars

NA

Name & Designation

Balsaheb Tatoba Latthe - Factory Manager