



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

Si Group - India Pvt Ltd

Application UAN number

MPCB-CONSENT-0000000373

Address

Plot no E-89,MIDC Ranjangaon,Taluka Shirur

Plot no

Plot No E-89

Taluka

Shirur

Village

MIDC Ranjangaon

Capital Investment (In lakhs)

250.00

Scale

L.S.I

City

Pune

Pincode

412220

Person Name

Rajendra Kalbhor

Designation

Factory Manager

Telephone Number

9970192403

Fax Number

02138611207

Email

rajendra.kalbhor@siigroup.com

Region

SRO-Pune II

Industry Category

Orange

Industry Type

075 Synthetic resins

Last Environmental statement submitted online

yes

Consent Number

BO/AS(T)/EIC No. PN-24677-15/O&R/CC-10220

Consent Issue Date

13/10/2016

Consent Valid Upto

31/03/2020

Product Information

Product Name

Synthetic Resin

Consent Quantity

9600

Actual Quantity

9439

UOM

MT/A

PF moulding Compound

4200

3792

MT/A

MF Molding Powder

600

588

MT/A

UF Molding Powder

300

290

MT/A

By-product Information

By Product Name

NA

Consent Quantity

-

Actual Quantity

-

UOM

MT/A

1) Water Consumption in m3/day

Water Consumption for Process**Consent Quantity in m3/day**

5

Actual Quantity in m3/day

2.06

Cooling

110

90.11

Domestic

40

39.23

All others

20

20

Total

175

151.4

1) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
ETP	35	30	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
Synthetic Resins	0.05	0.05	CMD

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
Phenol, Formaldehyde, Hexamine, Oxalic Acid, Sulphuric Acid, Adipic Acid, Boric Acid, China Clay, Coconut Shell Powder, Lime, Marble Dust, Methanol, Maleic Acid, Saw dust Brown, Cardanol, Furfuraldehy	1.29	1.37	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coal	3066	2900	Ton/Y
Furnace Oil	1200	40	Ton/Y
HSD	1461	20	Ton/Y

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

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
pH	7.4	7.4	-	5.5 to 9.0	NR
COD	3.36	131	-	250	NR
Phenolics	0.02	0.64	-	5	NR
TSS	0.68	26	-	100	NR
TDS	38.00	1478	-	2100	NR
BOD	0.98	38	-	100	NR
Chlorides	9.4	365	-	600	NR
Sulphates	3.25	126	-	1000	NR
Sulphide	0.00	0.00	-	2	NR
Oil & Grease	0.08	2.92	-	10	NR

[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	-	62.34 Mg/NM3	-	150 Mg/Nm3	NR
SO2	12.31 Kg/day	-	-	84 Kg/day	NR

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
21.1 Wastes and residue	32.27	26.43	MT/A
33.3 Discarded containers / barrels / liner	1340	1230	Nos./Y
34.3 Chemical sludge from waste water treatment	1.65	17.97	MT/A
5.1 Used /spent oil	0.00	0.00	KL/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	-	-	MT/A

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Metallic scrap, Empty bags, Used cotten waste	25	54	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Coal Ash	82	219	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	-	-	MT/A

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
21.1 Wastes and residue	26.43	MT/A	CHWTSDF
33.3 Discarded containers / barrels / liner	1230	Nos./Y	Sale after decontamination/ CHWTSDF
34.3 Chemical sludge from waste water treatment	17.97	MT/A	CHWTSDF
5.1 Used /spent oil	0.00	KL/A	Sale to authorized recycler/ re-processor

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Domestic Waste	25	MT/A	-

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)
Taken the various initiatives to reduce the consumption of natural resources	5	-	-	-	10	-

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

ETP Upgradation

Environmental Protection Measures

Turbojet aerator installation

Capital Investment (Lacks)

15

ETP Upgradation

Upgradation of pumps

5

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection

Environmental Protection Measures

Capital Investment (Lacks)

ETP Upgradation

Ozontar & Bio reactor installation

40

Environment protection

Solar power project

50

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

Particulars

Existing consent is being red category, however there is change in the category on portal, hence the category reflecting orange.

Name & Designation

Ajinath Malusare (Dy. Manager-EHS)