



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

Galaxy Surfactants Ltd

Application UAN number

1318

Address

G-59 MIDC TARAPUR

Plot no

G-59

Taluka

PALGHAR

Village

MIDC, TARAPUR

Capital Investment (In lakhs)

585.44

Scale

MSI

City

BOISAR

Pincode

401506

Person Name

MILIND A PATIL

Designation

GENERAL MANAGER

Telephone Number

02525307800

Fax Number

02525307879

Email

milind.patil@galaxysurfactants.com

Region

SRO-Tarapur I

Industry Category

Red

Industry Type

other

Last Environmental statement submitted online

yes

Consent Number

MPCB/16/09171/ROT/TR-1/83/12

Consent Issue Date

15.07.2016

Consent Valid Upto

30.04.2021

Product Information

Product Name

Fatty Alcohol Sulphates/Sulfosuccinate (Powder/Needles

Consent Quantity

1200

Actual Quantity

473.18

UOM

MT/A

Fatty Alcohol Sulphate Needle-Colour

2400

1197.58

MT/A

Fatty Alcohol Sulphates (Liquid)

576

572.75

MT/A

By-product Information

By Product Name

0

Consent Quantity

0

Actual Quantity

0

UOM

MT/A

1) Water Consumption in m3/day

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

15

Actual Quantity in m3/day

7.78

Cooling

4

1.49

Domestic

7

3.72

All others

4

1.70

Total

30

14.69

1) Effluent Generation in CMD / MLD

Particulars**Consent Quantity****Actual Quantity****UOM**

EFFLEUNT GENERATION	15	3	CMD
DOMASTIC EFFLEUNT	5.5	3	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
0	0	0	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
Caustic soda Lye	0.38	0.41	MT/A
C1214 Alkyl polyglucoside	3.00	4.20	MT/A
Alkyl polyglucoside C0814	14.14	11.46	MT/A
FAS Liquid	1980.15	1913.52	MT/A
Galaxy LSS (Paste) C1216	204.82	109.59	MT/A
Citric acid (MONOHYDRATE)	0.00	1.41	MT/A
Sodium Sulfate	0.00	1.50	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
F0	438	228.69	MT/A
HSD	61	4.377	KL/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)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
pH	NA	6.5 -8.5	0	5.5 -9.5	NA
TSS	0.0032	1	0	< 100 mg/lit	NA
COD	0.10	36	0	< 250 mg/lit	NA
BOD	0.02	7	0	< 100 mg/lit	NA
TDS	0.88	295	0	< 2100 mg/lit	NA
O/G	0.0030	1	0	< 10 mg/lit	NA
Chloride	0.108	36	0	< 600 mg/lit	NA
Sulphate	0.03	10	0	< 1000 mg/lit	NA
Free Ammonia	0.00015	0.1	0	< 5 mg/lit	NA
% Sodium	0.006	2	0	< 60%	NA

[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 ((PROCESS STACK SDE)	12.9	42.75	0	<150 mg/Nm3	NA
SO2 ((PROCESS STACK SDE)	9.2	9.2	0	114 kg/day	NA
NOX (PROCESS (STACK SDE)	1.01	4.9	0	NA	NA
TPM (PROCESS STACK DC)	2.44	99.33	0	<150 mg/Nm3	NA
SO2 (PROCESS STACK DC)	13.66	13.66	0	114 kg/day	NA
NOX (PROCESS STACK DC)	0.11	6.12	0	NA	NA
TPM (STACK D G SET)	0.64	38.28	0	<150 mg/Nm3<150 mg/Nm3	NA
SO2 (STACK D G SET)	2.92	2.92	0	114 kg/day	NA
NOX (STACK D G SET)	0.059	4.20	0	NA	NA
TPM (TFH STACK)	7.65	52.43	0	<150 mg/Nm3	NA
SO2 (TFH STACK)	8.27	8.27	0	114 kg/day	NA
NOX (TFH STACK)	0.57	5.58	0	NA	NA
ACID MIST (PROCESS STACK)	1.6	7.46	0	NA	NA
ACID MIST (DUST EXHUST)	0.13	7.34	0	NA	NA

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used /spent oil	775	1528	Ltr/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
34.3 Chemical sludge from waste water treatment	0.97	1.85	MT/A
34.1 Flue gas cleaning residue*	0.3	0.32	MT/A

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
PVC PAPER BAGS	1.17	0.537	MT/A
HDPE DRUM	2112	1116	Nos./Y
WOODEN PALLATE	238	290	Nos./Y

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	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	0	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
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5.2 Wastes/residue containing oil	1528	Ltr/A	LIQUID
34.3 Chemical sludge from waste water treatment	1.85	MT/A	SOLID
34.1 Flue gas cleaning residue*	0.32	MT/A	SOLID CARBON/ ASH

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
EMPTY BAGS	0.537	MT/A	PAPER BAGS WITH PVC LINER
HDPE DRUM	1116	Nos./Y	NA
WOODEN PALLATE	290	Nos./Y	NA

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)
NIL	NIL	NIL	NIL	NIL	NIL	NIL

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)
NIL	NIL	NIL

[B] Investment Proposed for next Year

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

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

Particulars

Secondary treatment to effluent is done at our sister units situated at M3 MIDC Tarapur, We have received ZLD amendment consent at M-3 unit

Name & Designation

Milind A Patil