



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-0000017270

Submitted Date

09-08-2019

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

Palghar

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

370.81

UOM

MT/A

Fatty Alcohol Sulphate (Needle-Colour)

2400

812.21

MT/A

Fatty Alcohol Sulphates/Fatty Alcohol Ether Sulphate

590

590.70

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

9.18

Cooling

4

1.87

Domestic

7

3.62

All others

4

2.29

Total

30

16.96

1) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
EFFLEUNT GENERATION	15	4	CMD
DOMESTIC EFFLEUNT	7	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	0.41	0.64	MT/A
C1214 Alkyl polyglucoside	4.20	6.40	MT/A
Alkyl polyglucoside C0814	11.46	13.61	MT/A
FAS Liquid	1913.52	1695.15	MT/A
Galaxy LSS (Paste) C1216	109.59	132.67	MT/A
Citric acid (MONOHYDRATE)	1.41	2.02	MT/A
Sodium Sulfate	1.50	1.12	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
FO	438	225.456	MT/A
HSD	61	5.055	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	0.01	7.75	0	<100mg/l	NA
COD	0.028	8	0	<250mg/l	NA
BOD	0.032	2.4	0	<100mg/l	NA
TDS	0.031	320	0	<2100mg/l	NA
O/G	0.002	0.45	0	<10mg/l	NA
CHLORIDE	0.36	90.6	0	<600mg/l	NA
SULPHATE	0.113	28.26	0	<1000mg/l	NA
SODIUM	0.005	1.12	0	<60%	NA
FREE AMMONIA	0.001	0.35	0	<5mg/l	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 (TFE)	9.5	51.75	0	<150mg/nm3	NA
SO2 (TFE)	4.25	4.25	0	NS	NA
TPM (SDE)	11.31	48.25	0	<150mg/nm3	NA
SO2(SDE)	ND	ND	0	NS	NA
TPM(SDP BLOWER)	0.88	41.5	0	<150mg/nm3	NA
SO2(SDP BLOWER)	ND	ND	0	NS	NA
TPM(NEEDLE PLANT BLOWER)	0.82	40	0	<150mg/nm3	NA
SO2(NEEDLE PLANT BLOWER)	ND	ND	0	NS	NA
TPM(DG)	5.75	30.5	0	<150mg/nm3	NA
SO2(DG)	0.015	1	0	NS	NA

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	1528	241	Ltr/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
35.1 Exhaust Air or Gas cleaning residue	0.32	0.32	MT/A
35.3 Chemical sludge from waste water treatment	1.85	1.985	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	0.537	3.796	MT/A
HDPE DRUM	1116	702	Nos./Y
WOODEN PALLATE	290	418	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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5.1 Used or spent oil	241	Ltr/A	LIQUID
35.3 Chemical sludge from waste water treatment	1.985	MT/A	SOLID
35.1 Exhaust Air or Gas cleaning residue	0.320	MT/A	SOLID CARBON/ ASH

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
EMPTY BAGS	3.796	MT/A	PAPER BAGS WITH PVC LINER
HDPE DRUM	702	Nos./Y	NA
WOODEN PALLATE	418	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 and Tertiary 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

General Manager