



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-0000021294

Submitted Date

30-09-2019

Company Information

Company Name

SPAK SURFACTANTS PVT. LTD.

Application UAN number

MPCB-CONSENT-0000073800

Address

G-2, MIDC, LOTE PARSHURAM, TAL-KHED, DIST-RATNAGIRI 415722

Plot no

G-2

Taluka

KHED

Village

LOTE - PARSHURAM

Capital Investment (In lakhs)

1460

Scale

MSI

City

KHED

Pincode

415722

Person Name

MR SHAHAJI UMAP.

Designation

GENERAL MANAGER

Telephone Number

022 - 25293450/0030/0083

Fax Number

022 - 25233504

Email

spaksurfactantsproject@gmail.com

Region

SRO-Chiplun

Industry Category

Red

Industry Type

R22 Organic Chemicals manufacturing

Last Environmental statement submitted online

yes

Consent Number

Format 1.0/AST/RO-KP/EIC No.
KP-1822716/0/CC-8392

Consent Issue Date

27.06.16

Consent Valid Upto

30.04.21

Product Information

Product Name

ESTERS / COCO AMIDO PROPYL BETAINE / FORMULATIONS OF ESTERS & SURFACTANTS

Consent Quantity

12000

Actual Quantity

8106.208

UOM

MT/A

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

MT/A

1) Water Consumption in m3/day

Water Consumption for Process

Consent Quantity in m3/day

30

Actual Quantity in m3/day

12.62

Cooling

72

12.48

Domestic

8

7.5

All others

10

5

Total

120

37.6

1) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
TRADE EFFLUENT	20	10	CMD
DOMESTIC EFFLUENT	6	4	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
ESTERS	0.005	0.4	Ton/Ton
COCO AMIDO PROPYL BETAINE	0.65	0.8	Ton/Ton
FORMULATIONS OF ESTERS & SURFACTANTS	0.005	0.2	Ton/Ton

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
BLEACHING POWDER	0.0008	0.0010	Ton/Ton
CAUSTIC SODA FLAKES	0.02	0.04	Ton/Ton
COCONUT FATTY ACID	0.008	0.009	Ton/Ton
COCONUT OIL	0.15	0.17	Ton/Ton
D.M.A.P.A	0.073	0.077	Ton/Ton
GLYCERINE	0.008	0.015	Ton/Ton
HYDROGEN PEROXIDE	0.002	0.0007	Ton/Ton
INT 40	0.072	0	Ton/Ton
INT 60	0.337	0	Ton/Ton
MISC. RAW MATERIAL	0.4	0.10	Ton/Ton
MISC. CON. SRORES	0.5	0.005	Ton/Ton
MONO ETHYLENE GL	0.012	0.013	Ton/Ton
MONOCHLORO ACETIC ACID	0.07	0.08	Ton/Ton
OLEIC 2000	0	0.014	Ton/Ton
OLEIC 4000	0.001	0	Ton/Ton
OLEIC ACID (HG)	0.219	0.25	Ton/Ton
P.GLYCOL	0.002	0.002	Ton/Ton
RICE BRAN FATTY ACID	0.40	0.36	Ton/Ton
SODIUM MITHOXIDE	0.002	0.001	Ton/Ton
SORBITOL	0.36	0.32	Ton/Ton
STEARIC ACID	0.09	0.10	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
COAL	11213	1697.115	MT/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		
	Quantity	Concentration	%variation	Standard	Reason
PH	--	8.9	--	6.5 - 8.5	NEUTRALISATION DONE
SUSPENDED SOLIDS	0.05	5	-95	NOT TO EXCEED 100 mg/L	MEE PROVIDED
BOD	0.07	7.0	-96	NOT TO EXCEED 100 mg/L	MEE PROVIDED
COD	0.28	28	-96.8	NOT TO EXCEED 250 mg/L	MEE PROVIDED
OIL & GREASE	0.005	0.5	-95	NOT TO EXCEED 10 mg/L	MEE PROVIDED
TDS	0.2	20	-98	NOT TO EXCEED 2100 mg/L	MEE PROVIDED
SULPHATE	0.034	3.4	-99	NOT TO EXCEED 1000 mg/L	MEE PROVIDED
CHLORIDE	0.04	4.0	-99	NOT TO EXCEED 600 mg/L	MEE PROVIDED
TOTAL AMMONICAL NITROGEN.	0.005	0.5	-95	NOT TO EXCEED 10mg/L	MEE PROVIDED

[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		
	Quantity	Concentration	%variation	Standard	Reason
TPM	11.68	108	-28	150 mg/Nm3	CYCLONE DUST COLLECTOR IS PROVIDED
SO2	32	295.84	-99	372.2 KG/D.	LOW FUEL CONS
NOX	---	44.8	---	150 mg/Nm3	LOW FUEL CONS

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	2	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
35.3 Chemical sludge from waste water treatment	23.47	64.981	MT/A

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
FLY ASH	28	37	MT/A
BURNT SUGAR	12	15.48	MT/A

2) From Pollution Control Facilities

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

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	2	MT/A	--
35.3 Chemical sludge from waste water treatment	64.981	MT/A	INORGANIC MATERIAL

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
--	--	CMD	--

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)
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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 (Lacs)
UPGRADATION IN MEE PLANT	--	25

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
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Any other particulars in respect of environmental protection and abatement of pollution.

Particulars

Company is an ISO 9001:2008 and is engaged in the manufacturing of chemicals

Name & Designation

MR. SHAHAJI UMAP