



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2024

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000069531

Submitted Date

12-09-2024

PART A

Company Information

Company Name

Brilliant Polymers Pvt. Ltd.

Application UAN number

20423

Address

Plot No. 15, 16 and 21 / 4,
MIDC Morivali, Ambarnath (W),
Thane

Plot no

Plot No. 15, 16 and 21 / 4

Taluka

Kalyan

Village

Morivali

Capital Investment (In lakhs)

12136

Scale

LSI

City

Ambarnath

Pincode

421505

Person Name

Vishwanath Pai

Designation

General Manager-Manufacturing

Telephone Number

9820054346

Fax Number

02512689600

Email

vishwanath.pai@brilliantpolymers.com

Region

SRO-Kalyan II

Industry Category

Red

Industry Type

R22 Organic Chemicals manufacturing

Last Environmental statement submitted online

yes

Consent Number

Format 1.0/CC/UAN No. MPCB-
CONSENT-0000121675/CO/2207000866

Consent Issue Date

2022-07-19

Consent Valid Upto

30 / 04 / 2025

Establishment Year

2014

Date of last environment statement submitted

Sep 20 2023 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name

Polyester Polymers

Consent Quantity

16236

Actual Quantity

11100

UOM

MT/A

Polyurethane Polymers

19980

19176

MT/A

Polyisocyanates

3636

1284

MT/A

Specialty Polymers

5748

4404

MT/A

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
NA	0	0	MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	137.00	91.00
Domestic	12.00	10.00
All others	1.35	1.00
Total	155.69	104.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	5.5	4.6	CMD
Sewage Effluent	10	6.7	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
Polyester Polymers	0	0	CMD
Polyurethane Polymers	0	0	CMD
Polyisocyanates	0	0	CMD
Specialty Polymers	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
Adipic Acid	6907	7481	MT/A
Phthalic Anhydride	1288	1277	MT/A
Isophthalic Acid	1155	1262	MT/A
Diethylene Glycol	9944	10619	MT/A
Ethyl Acetate	3274	3228	MT/A
MDI	8323	9319	MT/A
TDI	153	165	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coal	10512000	4031000	Kg/Annum
HSD	1883400	118600	Ltr/A

Part-C

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
NA	00	00	NA	NA	NA

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
Boiler-TPM	150	58.63	100	100	100
Boiler-SO2	49.2	5.48	100	100	100
DG Set-TPM	150	61.13	100	100	100
DG Set-SO2	34.4	0.35	100	100	100

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	26248	17791	Nos./Y
36.2 Spent carbon or filter medium	6.890	9.450	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	00	00	Kg/Annum

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Coal Ash	229920	256050	Kg/Annum
Mild Steel & Plastic Drums from raw materials	581	1188	Nos./Y
Other Non- hazardous waste	706	770	Kg/Annum

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	00	00	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	00	00	Kg/Annum

Part-F

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
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	17791	Nos./Y	NA
36.2 Spent carbon or filter medium	9.450	MT/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	00	Kg/Annum	NA

Part-G

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)
Trade Effluent	00	00	00	00	00	00
Sewage effluent	00	00	00	00	00	00

Part-H

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)
Operation and maintenance	Zero Liquid discharge	8

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Operation and maintenance	Zero Liquid discharge	8.5

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Brilliant Polymers Pvt. Ltd.

Name & Designation

Vishwanath Pai - General Manager - Manufacturing

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000069531

Submitted On:

12-09-2024