



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2021

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000035825

Submitted Date

20-09-2021

PART A

Company Information

Company Name

M/s Gigaplex Estate Pvt. Limited

Application UAN number

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Address

Gigaplex IT Park, Plot No. IT-5,
MIDC TTC, (Airoli Knowledge
Park), Airoli, Navi Mumbai

Plot no

Plot No. IT-5

Taluka

Thane

Village

Airoli

Capital Investment (In lakhs)

1) Building no. 1,5 & 6 - Rs.
446.72 Crs + 2) Building no. 2,3
& 4 - Rs. 981 Crs

Scale

LSI

City

Navi Mumbai

Pincode

400708

Person Name

Mr. Mayur Gajaria

Designation

Associate Vice President -
Engineering

Telephone Number

02226564000

Fax Number

02226564306

Email

mgajaria@kraheja.com

Region

SRO-Navi Mumbai II

Industry Category

Red

Industry Type

other

Last Environmental statement submitted online

yes

Consent Number

(1) Format1.0/BO/CAC-cell/EIC-NM-5618-15/R(part)/CAC-6141 Dated
10.05.2016 (Bldg No. 1,5,6) (2) Format1.0/BO/CAC-CELL/UAN No.
-0000075267/CR 2001000549 dated 07.01.2020 (Bldg No. 2,3,4)

Consent Issue Date

10/05/2016 and 07/01/2020

Consent Valid Upto

28/02/2021 and 31/07/2021

Establishment Year

2011

Date of last environment statement submitted

Sep 26 2020 12:00:00:000AM

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

Product Information

Product Name

Not Applicable - IT Park Project

Consent Quantity

0

Actual Quantity

0

UOM

MT/A

By-product Information

By Product Name

Consent Quantity

Actual Quantity

UOM

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	211.50	71.92
Domestic	1229.5	510.72
All others	0	42
Total	1441	624.64

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Daily quantity of trade effluent from the factory	0	0	CMD
Daily Quantity of sewage from the factory	1231.6	220.93	CMD
Daily Quantity of Treated effluent from factory	0	198.84	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
Not Applicable - IT Park Project	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
Not Applicable - IT Park Project	0	0	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
HSD for D.G. Set (8 × 1010 KVA) & D. G. Set (3 × 1500 KVA) - For Building No. Bldg No. 1,5, 6	22343.04	18.18	KL/A
HSD for DG Set (1700 KVA * 4 Nos.) & (2000 KVA * 4 Nos.) & (2250 KVA* 4 Nos.) - For Building No. 2, 3 & 4	24675.84	14.09	KL/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)	Concentration of Pollutants discharged (Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
pH	0	7.32	0	6.5-9	Not applicable
Chemical Oxygen Demand	9.01	40.80	18.40	50 mg/l	Not applicable
Biological Oxygen Demand	5.17	23.40	0	10 mg/l	Not applicable

Detergents	0.02	0.08	0	-	Not applicable
Color, Hazen	1.10	5.00	0	-	Not applicable
Total Suspended Solids	5.48	24.80	0	20 mg/l	Not applicable

[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		
DG Set No. 1 (1500 KVA) PM – Building No. 1	1.33	47.00	68.67	150	Not Applicable
DG Set No. 1 (1500 KVA) SO2 – Building No. 1	1.45	51.39	--	--	Not Applicable
DG Set No. 1 (1500 KVA) NOx – Building No. 1	0.77	27.29	--	--	Not Applicable
DG Set No. 2 (1500 KVA) PM – Building No. 1	1.29	46.10	69.27	150	Not Applicable
DG Set No. 2 (1500 KVA) SO2 – Building No. 1	1.44	51.38	--	--	Not Applicable
DG Set No. 2 (1500 KVA) NOx – Building No. 1	0.82	29.36	--	--	Not Applicable
DG Set No. 2 (1500 KVA) PM – Building No. 2	4.20	59.05	60.63	150	Not Applicable
DG Set No. 2 (1500 KVA) SO2 – Building No. 2	2.88	40.46	--	--	Not Applicable
DG Set No. 2 (1500 KVA) NOx – Building No. 2	2.37	33.31	--	--	Not Applicable
DG Set No. 3 (2250 KVA) PM – Building No. 2	4.06	62.25	58.50	150	Not Applicable
DG Set No. 3 (2250 KVA) SO2 – Building No. 2	2.93	44.88	--	--	Not Applicable
DG Set No. 3 (2250 KVA) NOx – Building No. 2	2.30	35.19	--	--	Not Applicable
DG Set No. 4 (1700 KVA) PM – Building No. 2	4.80	64.13	57.25	150	Not Applicable
DG Set No. 4 (1700 KVA) SO2 – Building No. 2	2.88	38.50	--	--	Not Applicable
DG Set No. 4 (1700 KVA) NOx – Building No. 2	2.49	33.31	--	--	Not Applicable
DG Set No. 1 (2250 KVA) PM – Building No. 3	3.75	53.20	64.53	150	Not Applicable
DG Set No. 1 (2250 KVA) SO2 – Building No. 3	2.71	38.44	--	--	Not Applicable
DG Set No. 1 (2250 KVA) NOx – Building No. 3	2.00	28.32	--	--	Not Applicable
DG Set No. 2 (1700 KVA) PM – Building No. 3	3.38	48.90	67.40	150	Not Applicable
DG Set No. 2 (1700 KVA) SO2 – Building No. 3	2.74	39.54	--	--	Not Applicable
DG Set No. 2 (1700 KVA) NOx – Building No. 3	1.97	28.42	--	--	Not Applicable

DG Set No. 3 (2250KVA) PM - Building No. 3	3.35	48.60	67.60	100	Not Applicable
DG Set No. 3 (2250 KVA) SO2 - Building No. 3	2.72	39.48	--	--	Not Applicable
DG Set No. 3 (2250 KVA) NOx - Building No. 3	1.55	22.49	--	--	Not Applicable
DG Set No. 4 (1700 KVA) PM - Building No. 3	3.40	47.90	68.07	150	Not Applicable
DG Set No. 4 (1700 KVA) SO2 - Building No. 3	2.54	35.82	--	--	Not Applicable
DG Set No. 4 (1700 KVA) NOx - Building No. 3	1.59	22.49	--	--	Not Applicable
DG Set No. 2 (1700 KVA) PM- Building No. 4	1.93	52.06	65.29	150	Not Applicable
DG Set No. 2 (1700 KVA) SO2 - Building No. 4	1.43	38.58	--	--	Not Applicable
DG Set No. 2 (1700 KVA) NOx - Building No. 4	1.16	31.24	--	--	Not Applicable
DG Set No. 3 (2250 KVA) PM - Building No. 4	2.03	56.64	62.24	150	Not Applicable
DG Set No. 3 (2250 KVA) SO2 - Building No. 4	1.15	32.15	--	--	Not Applicable
DG Set No. 3 (2250 KVA) NOx - Building No. 4	0.84	23.52	--	--	Not Applicable
DG Set No. 4 (1700 KVA) PM - Building No. 4	1.95	54.70	63.53	150	Not Applicable
DG Set No. 4 (1700 KVA) SO2 - Building No. 4	1.37	38.35	--	--	Not Applicable
DG Set No. 4 (1700 KVA) NOx - Building No. 4	1.05	29.36	--	--	Not Applicable
DG Set No. 1 (1010KVA) PM- Building No. 5	1.53	45.30	69.80	150	Not Applicable
DG Set No. 1 (1010KVA) SO2 - Building No. 5	1.30	38.41	--	--	Not Applicable
DG Set No. 1 (1010KVA) NOX - Building No. 5	0.86	25.40	-	--	Not Applicable
DG Set No. 2 (1010KVA) PM - Building No. 5	1.48	46.70	68.87	150	Not Applicable
DG Set No. 2 (1010KVA) SO2 - Building No. 5	1.22	38.61	--	--	Not Applicable
DG Set No. 2 (1010KVA) NOX - Building No. 5	0.68	21.45	--	--	Not Applicable
DG Set No. 3 (1010KVA) PM - Building No. 5	1.43	44.70	70.20	150	Not Applicable
DG Set No. 3 (1010KVA) SO2 - Building No. 5	1.02	31.91	--	--	Not Applicable
DG Set No. 3 (1010KVA) NOx - Building No. 5	0.63	19.57	--	--	Not Applicable
DG Set No. 1 (1010KVA) PM - Building No. 6	1.43	50.30	66.47	150	Not Applicable
DG Set No. 1 (1010KVA) SO2 - Building No. 6	1.28	44.91	--	--	Not Applicable

DG Set No. 1 (1010KVA) NOx - Building No. 6	0.72	25.40	--	--	Not Applicable
DG Set No. 2 (1010KVA) PM - Building No. 6	1.29	47.40	68.40	150	Not Applicable
DG Set No. 2 (1010KVA) SO2- Building No. 6	1.05	38.44	--	--	Not Applicable
DG Set No. 2 (1010KVA) NOx - Building No. 6	0.64	23.52	--	--	Not Applicable
DG Set No. 3 (1010KVA) PM - Building No. 6	1.47	50.30	66.47	150	Not Applicable
DG Set No. 3 (1010KVA) SO2 - Building No. 6	1.31	44.95	--	--	Not Applicable
DG Set No. 3 (1010KVA) NOx - Building No. 6	0.63	21.45	--	--	Not Applicable
DG Set No. 4 (1700 KVA) PM- Building No. 6	1.45	49.90	66.73	150	Not Applicable
DG Set No. 4 (1700 KVA) SO2 - Building No. 6	1.12	38.63	--	--	Not Applicable
DG Set No. 4 (1700 KVA) NOx - Building No. 6	0.68	23.52	--	--	Not Applicable

Part-D

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	2.0	0.4	KL/A
Other Hazardous Waste	3.7887	4.207	MT/A

2) From Pollution Control Facilities

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

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Dry Waste	105.71	102.34	MT/A
Wet Waste	459.22	105.85	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
STP Sludge	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

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
5.1 Used or spent oil	0.4	KL/A	liquid (Oily) - Sent to Authorized Recycler
Other Hazardous Waste	4.207	MT/A	Solid - Disposal to Authorized E- Waste Recycler

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Dry Waste	102.34	MT/A	Dry waste Sold to recyclers
Wet Waste	105.85	MT/A	Wet waste is processed through OWC and used as manure.
STP Sludge	0	MT/A	Used as manure for Gardening

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)
Sewage treatment plants of total capacity 1505 CMD for Building no.1,5,6,2,3,4	581.5	0.00	0.00	0.00	0.00	0.00

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)
AMC cost of STP	--	7738703
AMC cost of OWC	--	45000
AMC for garbage removal is separate	--	816111
Maintenance of Green belt	--	861611
Upgradation cost of STP	--	16662927
Environmental Monitoring	--	415747

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
AMC cost of STP	--	9909516
AMC cost of OWC	--	50000
AMC cost for Green belt	--	1974656
Upgradation cost of STP	--	0
Environmental Monitoring	--	656153

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Housekeeping is taking on top priority and engaged sufficient manpower for maintaining neat and clean environment in the IT premises.

Name & Designation

Mr. Mayur Gajaria - (Associate Vice President - Engineering)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000035825

Submitted On:

20-09-2021