



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

Environmental Audit Report for the financial Year ending the 31st March 2016

Company Information

Company Name

M/s Gigaplex Estate Pvt. Limited

Application UAN number

2277

Address

M/s Gigaplex Estate Pvt. Limited, 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)

120100

Scale

Large

City

Navi Mumbai

Pincode

4000708

Person Name

Mr. Mayur Gajaria

Designation

A.V.P.

Telephone Number

022 26564000

Fax Number

022 26564306

Email

mgajaria@kraheja.com

Region

SRO-Navi Mumbai II

Industry Category

Orange

Industry Type

IT & ITES Activity

Last Environmental statement submitted online

no

Consent Number

Format 1.0/BO/CAC-Cell/EIC-NM-5618-15/R(part)/CAC-15137 05/12/2015

Consent Issue Date**Consent Valid Upto**

28/02/2016

Product Information

Product Name

Not Applicable - IT Park Project

Consent Quantity

Not Applicable

Actual Quantity

Not Applicable

UOM

MT/A

By-product Information

By Product Name

Not Applicable - IT Park Project

Consent Quantity

Not Applicable

Actual Quantity

Not Applicable

UOM

MT/A

1) Water Consumption in m3/day

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

NIL

Actual Quantity in m3/day

NIL

Cooling

217 (Recycled)

NIL

Domestic

387.5 (Recycled & Fresh)

321.875

All others

NIL

NIL

Total

604.5

321.875

1) Effluent Generation in CMD / MLD

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

Daily quantity of trade effluent from the factory	NIL	NA	CMD
Daily quantity of sewage effluent from the factory	364	250	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	Not Applicable	Not Applicable	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	Not Applicable	Not Applicable	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
HSD : DG set (4×1500 KVA) of Building No. 1	8553.6	14.934	KL/A
HSD: DG set (4×1010 KVA) of Building No.5	2609.28	8.105	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	--	7.38	13.17	6.0-8.5	Not applicable
BOD (3 day 27°C)	4.49	17.98	40.06	30	Not applicable
Suspended Solid	12.25	49.0	2	50	Not applicable
COD	26.89	107.57	-7.57	100	minor deviation
Oil & Grease	2.75	11.0	-	-	Not applicable
Chloride	43.61	174.45	-	-	Not applicable
Sulphate	8.10	32.41	-	-	Not applicable
TDS	192.5	770	-	-	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 I (1500 KVA) TPM: Building 1	3.79	98.34	34.44	150	Not applicable
DG set I (1500 KVA) SO2: Building 1	16.9	438.19	--	--	Not applicable
DG set I (1500 KVA): NOx: Building 1	0.97	30.86	--	--	Not applicable
DG set II (1500 KVA) TPM: Building 1	4.16	101.98	32.01	150	Not applicable
DG set II (1500 KVA) SO2: Building 1	18.21	446.85	--	--	Not applicable
DG set II (1500 KVA) NOx: Building 1	1.08	32.75	--	--	Not applicable
DG set III (1500 KVA) TPM: Building 1 Building 1	3.96	100.16	33.22	150	Not applicable

DG set III (1500 KVA) SO2: Building 1	17.34	438.14	--	--	Not applicable
DG set III (1500 KVA) NOx: Building 1	1.02	31.84	--	--	Not applicable
DG set I (1010 KVA) TPM: Building 5	1.11	63.14	57.90	150	Not applicable
DG set I (1010 KVA) SO2: Building 5	7.38	363.48	--	--	Not applicable
DG set I (1010 KVA) Nox: Building 5	0.26	15.05	--	--	Not applicable
DG set II (1010 KVA) TPM: Building 5	1.47	73.02	51.32	150	Not applicable
DG set II (1010 KVA) SO2: Building 5	8.93	375.46	--	--	Not applicable
DG set II (1010 KVA) Nox: Building 5	0.37	18.29	--	--	Not applicable
DG set III (1010 KVA) TPM: Building 5	1.73	79.11	47.26	150	Not applicable
DG set III (1010 KVA) SO2: Building 5	9.91	380.22	--	--	Not applicable
DG set III (1010 KVA) NOx: Building 5	0.43	19.69	--	--	Not applicable
DG set IV (1010 KVA) TPM: Building 5	1.99	84.82	43.45	150	Not applicable
DG set IV (1010 KVA) SO2: Building 5	11.17	395.09	--	--	Not applicable
DG set IV (1010 KVA) NOx: Building 5	0.51	21.85	--	--	Not applicable
DG set I (1010 KVA) TPM: Building 6	1.60	76.30	49.13	150	Not applicable
DG set I (1010 KVA) SO2: Building 6	9.41	377.37	--	--	Not applicable
-DG set I (1010 KVA) NOx: Building 6	0.40	19.05	--	--	Not applicable
DG set II (1010 KVA) Particulates: Building 6 :	2.22	88.03	41.31	150	Not Applicable
DG set II (1010 KVA) SO2:Building 6	12.31	402.92	--	--	Not Applicable
DG set II (1010 KVA) Oxides of Nitrogen Building 6	0.59	23.52	--	--	Not Applicable
DG set III (1010 KVA) Particulates: Building 6	1.85	82.07	45.28	150	Not Applicable
DG set III (1010 KVA) SO2:Building 6	10.48	388.84	--	--	Not Applicable
DG set III (1010 KVA) Oxides of Nitrogen:Building 6	0.47	20.78	--	--	Not Applicable
DG set IV (1010 KVA) Particulates:Building 6	2.40	91.34	39.10	150	Not Applicable
DG set IV (1010 KVA) SO2: Building 6	13.19	412.91	--	--	Not Applicable
DG set IV (1010 KVA) Oxides of Nitrogen: Building 6	0.65	24.84	--	--	Not Applicable

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Head Office Premise	1.53525 E-Wate (Schedule-IV SI No. 18)	1.0705	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	Not Applicable	Not Applicable	MT/A

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Dry Waste	-	162	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Organic Waste Convertor (OWC)	2.988	10.8	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	NIL	NIL	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
Head Office Premise	E-Waste (Schedule IV Sl no. 18) 1.0705	MT/A	NOT APPLICABLE

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Dry Waste	162	MT/A	100% The generated Dry waste is sold to Eco-recycler & wet Waste is processed through OWC and used as manure.
Wet Waste	162	MT/A	100% The generated Dry waste is sold to Eco-recycler & wet Waste is processed through OWC and used as manure.

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 with capacity of 390 CMD is provided to treat sewage generated from entire site. 100% of sewage is recycled/reused within the site for flushing, cooling of air conditioner. Re	0.00	0.00	0.00	0.00	0.00	0.00

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

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
The company maintains green belt around the site	Not Applicable	NA
the company maintains a safe and healthy environment within the premises	Not Applicable	NA
Building are designed as green building	Not Applicable	NA
A massive tree plantation is in progress inside as well as outside the premises. Also patches of gardens are developed inside of the IT premises wherever wherever the open space is available to improv	Not Applicable	NA

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection

Not Applicable, As already adequate measures have been taken for pollution control, no further capital investment is planned for the next financial year 2016-2017

Environmental Protection Measures

NIL

Capital Investment (Lacks)

NIL

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

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

Name & Designation

Mr. Mayur Gajaria--AVP