Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

# FORM V

## Environmental Audit Report for the financial Year ending the 31st March 2017

### *Company Information*

| | | |
|---|---|---|
| ***Company Name*** | ***Application UAN number*** | |
| M/s Gigaplex Estate Pvt. Limited | Nil | |
| ***Address*** | | |
| M/s Gigaplex Estate Pvt. Limited, Plot No. IT-5, MIDC TTC, (Airoli Knowledge Park), Airoli Navi Mumbai | | |
| ***Plot no*** | ***Taluka*** | ***Village*** |
| Plot No. IT-5 | Thane | Airoli |
| ***Capital Investment (In lakhs)*** | ***Scale*** | ***City*** |
| 120100 | Large | Navi Mumbai |
| ***Pincode*** | ***Person Name*** | ***Designation*** |
| 400708 | Mr. Mayur Gajaria | A.V.P. |
| ***Telephone Number*** | ***Fax Number*** | ***Email*** |
| 022 26564000 | 022 26564306 | mgajaria@kraheja.com |
| ***Region*** | ***Industry Category*** | ***Industry Type*** |
| SRO-Navi Mumbai II | Red | R5 DG Set of capacity > 5 MVA |
| ***Last Environmental statement submitted online*** | ***Consent Number*** | ***Consent Issue Date*** |
| no | Format1.0/BO/CAC-cell/EIC-NM-5618-15/R(part)/CAC-6141 | 10/05/2016 |
| ***Consent Valid Upto*** | | |
| 28/02/2021 | | |

### *Product Information*

| ***Product Name*** | ***Consent Quantity*** | ***Actual Quantity*** | ***UOM*** |
|---|---|---|---|
| Not Applicable - IT Park Project | Not Applicable | Not Applicable | MT/A |
| Not Applicable - IT Park Project | Not Applicable | Not Applicable | MT/A |

### *By-product Information*

| ***By Product Name*** | ***Consent Quantity*** | ***Actual Quantity*** | ***UOM*** |
|---|---|---|---|
| Not Applicable - IT Park Project | Not Applicable | Not Applicable | MT/A |

### *1) Water Consumption in m3/day*

| ***Water Consumption for*** | ***Consent Quantity in m3/day*** | ***Actual Quantity in m3/day*** |
|---|---|---|
| ***Process*** | NIL | NIL |
| ***Cooling*** | Nil | NIL |
| ***Domestic*** | 329.5 | 296.09 |
| ***All others*** | NIL | NIL |
| ***Total*** | 329.5 | 296.09 |

### *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 | 411 | 198.98 | 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 for D.G. Set (8 × 1010 KVA) | 14515.2 | 12.7 | KL/A |
| HSD for D. G. Set (3 × 1500 KVA) | 7827.84 | 12.4 | 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 | | |
|---|---|---|---|---|---|
| | Quantity | Concentration | %variation | Standard | Reason |
| pH | -- | 7.06 | - | - | Not applicable |
| BOD (3 day 27°C) | 1.50 | 7.53 | 24.7 | 10 mg/l | Not applicable |
| COD | 6.73 | 33.83 | 32.34 | 50 mg/l | Not applicable |
| Total Suspended Solids | 1.85 | 9.28 | 7.2 | 10 mg/l | Not applicable |
| Oil & Grease | 1.60 | 8.03 | - | - | Not applicable |
| Chloride | 29.37 | 147.58 | - | - | Not applicable |
| Sulphate | 50.26 | 252.58 | - | - | Not applicable |
| TDS | 125.67 | 631.58 | - | - | 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 | | |
|---|---|---|---|---|---|
| | Quantity | Concentration | %variation | Standard | Reason |
| DG Set No. 1 (1500 KVA) PM - Building No. 1 | 3.93 | 99.74 | 33.51 | 150 | Not applicable |
| DG Set No. 1 (1500 KVA) SO2 - Building No. 1 | 17.46 | 443.60 | -- | -- | Not applicable |
| DG Set No. 1 (1500 KVA) NOx - Building No. 1 (25.77ppm) | 1.42 | 36.07 | -- | -- | Not applicable |
| DG Set No. 2 (1500 KVA) PM - Building No. 1 | 4.44 | 104.07 | 30.62 | 150 | Not applicable |

| | | | | | |
|---|---|---|---|---|---|
| DG Set No. 2 (1500 KVA) SO2 - Building No. 1 | 19.72 | 461.74 | -- | -- | Not applicable |
| DG Set No. 2 (1500 KVA) NOx - Building No. 1 (28.47ppm) | 1.69 | 39.48 | -- | -- | Not applicable |
| DG Set No. 3 (1500 KVA) PM - Building No. 1 | 4.19 | 101.78 | 32.15 | 150 | Not applicable |
| DG Set No. 3 (1500 KVA) SO2 - Building No. 1 | 18.62 | 451.86 | -- | -- | Not applicable |
| DG Set No. 3 (1500 KVA) Nox - Building No. 1 (27.04 ppm) | 1.55 | 37.69 | -- | -- | Not applicable |
| DG Set No. 1 (1010 KVA) PM – Building No. 5 | 1.37 | 65.69 | 56.21 | 150 | Not applicable |
| DG Set No. 1 (1010 KVA) SO2 – Building No. 5 | 7.71 | 369.47 | -- | -- | Not applicable |
| DG Set No. 1 (1010 KVA) NOx – Building No. 5 (12.26 ppm) | 0.38 | 18.23 | -- | -- | Not applicable |
| DG Set No. 2 (1010 KVA) PM – Building No. 5 | 1.86 | 75.43 | 49.71 | 150 | Not applicable |
| DG Set No. 2 (1010 KVA) SO2 – Building No. 5 | 9.29 | 377.07 | -- | -- | Not applicable |
| DG Set No. 2 (1010 KVA) NOx – Building No. 5 (15.36 ppm) | 0.55 | 22.28 | -- | -- | Not applicable |
| DG Set No. 3 (1010 KVA) PM – Building No. 5 | 2.18 | 81.20 | 45.87 | 150 | Not applicable |
| DG Set No. 3 (1010 KVA) SO2 – Building No. 5 | 10.10 | 376.58 | -- | -- | Not applicable |
| DG Set No. 3 (1010 KVA) NOx – Building No. 5 (16.69 ppm) | 0.64 | 24.02 | -- | -- | Not applicable |
| DG Set No. 4 (1010 KVA) PM – Building No. 5 | 2.60 | 87.38 | 41.75 | 150 | Not applicable |
| DG Set No. 4 (1010 KVA) SO2 – Building No. 5 | 11.97 | 402.70 | -- | -- | Not applicable |
| DG Set No. 4 (1010 KVA) NOx – Building No. 5 (18.74 ppm) | 0.79 | 26.70 | -- | -- | Not applicable |
| DG Set No. 1 (1010 KVA) PM – Building No. 6 | 2.02 | 78.52 | 47.65 | 150 | Not applicable |
| DG Set No. 1 (1010 KVA) SO2 – Building No. 6 | 9.71 | 377.94 | -- | -- | Not applicable |
| DG Set No. 1 (1010 KVA) NOx – Building No. 6 (15.87 ppm) | 0.59 | 22.89 | -- | -- | Not Applicable |
| DG Set No. 2 (1010 KVA) PM – Building No. 6 | 2.89 | 90.41 | 39.73 | 150 | Not Applicable |
| DG Set No. 2 (1010 KVA) SO2 – Building No. 6 | 13.11 | 409.48 | -- | -- | Not Applicable |
| DG Set No. 2 (1010 KVA) Nox – Building No. 6 (20.43 ppm) | 0.46 | 14.45 | -- | -- | Not Applicable |
| DG Set No. 3 (1010 KVA) PM – Building No. 6 | 2.37 | 84.13 | 43.91 | 150 | Not Applicable |
| DG Set No. 3 (1010 KVA) SO2 – Building No. 6 | 11.19 | 397.14 | -- | -- | Not Applicable |
| DG Set No. 3 (1010 KVA) NOx – Building No. 6 (17.79 ppm) | 0.72 | 25.49 | -- | -- | Not Applicable |

| | | | | | |
|---|---|---|---|---|---|
| DG Set No. 4 (1010 KVA) PM – Building No. 6 | 3.15 | 93.18 | 37.88 | 150 | Not Applicable |
| DG Set No. 4 (1010 KVA) SO2 – Building No. 6 | 14.16 | 419.03 | -- | -- | Not Applicable |
| DG Set No. 4 (1010 KVA) NOx – Building No. 6 (21.76 ppm) | 1.04 | 30.75 | -- | -- | Not Applicable |

## HAZARDOUS WASTES

### 1) From Process

| Hazardous Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|---|---|---|---|
| Head Office Premise | 1.0705 E-Waste (Schedule-IV Sl No. 18) | 16.19871 E-Waste (Schedule-IV Sl No. 18) | 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 | 143 | MT/A |
| Wet Waste | 10.8 | 214.5 | MT/A |

### 2) From Pollution Control Facilities

| Non Hazardous Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|---|---|---|---|
| NA | NA | NA | 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 | NA | MT/A | NOT APPLICABLE |

### 2) Solid Waste

| Type of Solid Waste Generated | Qty of Solid Waste | UOM | Concentration of Solid Waste |
|---|---|---|---|
| Dry Waste | 143 | MT/A | 100 % dry waste Sold to recyclers |
| Wet Waste | 214.5 | MT/A | 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, coolinmg 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*** | ***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*** | ***Environmental Protection Measures*** | ***Capital Investment (Lacks)*** |
|---|---|---|
| Not Applicable, As already adequate measures have been taken for pollution control, no further capital investment is planned for the next financial year2016-2017 | NIL | NIL |

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

***Particulars***

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

***Name & Designation***

Mr. Mayur Gajaria - A.V.P.