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| **C:\Users\SAVBHAGYA\My Drive\IPC-VI\Drafting\Transparent Logo.png** | **General Format for Inspection of Industries****INSPECTION REPORT FORMAT** |
| **PAERT-A: General Information & Operational Details**  |
|  | Name & complete address |  |
|  | Geographical coordinates  | N: XX.XXXXXE: YY.YYYYY |
|  | Name of the occupier/ contact person(s) with designation:1. Telephone/Mobile(s)
2. E-mail ID(s)
 |  |
|  | Date/year of commissioning |  |
|  | Name of SPCB Regional Office |  |
|  | Date of inspection |  |
|  | Purpose of inspection |  |
|  | Operational status of the unit*(In case of non-operational unit, mention the date since when and the reason due to which the unit is closed. Attach supporting documents, if any)* | (Operational / Non-operational) |
|  | Status of Display Board at the entrance gate (as per Hon’ble Supreme Court order in WP 657/1995) |  |
|  | Operational Schedule | …………………… Operation hours per day……………………. Number of Working days per year |
|  | **CGWA NOC status** | **Validity with date***(Valid copy to be attached)* | **If not valid, whether Applied for renewal?***(application and expired NOC copy to be attached)* |
| NOC from CGWA as a permission to abstract groundwater |  |  |
|  | **Consent Status** | **Validity with date***(Valid copies to be attached)* | **If not valid, whether Applied for renewal?***(application and expired consent copies to be attached)* |
| Consent to Operate issued under Water Act, 1974 by SPCB |  |  |
| Consent to Operate issued under Air Act, 1981 by SPCB |  |  |
| Authorization for Hazardous Waste Disposal issued under Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 by SPCB  |  |  |
|  | Product(s) & Capacity-{For all main product(s) and by-product(s)} | 1. TOTAL Permitted production (As per consent):

Raw material (in nos. and weight in TPD):Semi-finished/Finished product (in TPD):Other(s):1. ACTUAL TOTAL production (during the inspection):

Raw material (in nos. or weight in TPD):Semi-finished/ Finished product (in TPD):Other(s): |
|  | Sector and category industry / Processes involved in operation | *Manufacturing process flow chart for main products.* |
| **PART-B: Water Consumption, Wastewater Generation and Treatment Details** |
|  | **Fresh Water Supply** |
| Source(s) of raw water supply | (River/ Municipal supply/ Tankers/ Borewell/ Tubewell/ Others) |
| Logbook maintained:(Yes/No) *(Last two months’ logbooks to be attached)* | Whether flow meter with totalizer installed at borewell/freshwater line (Yes/No)Type(s) and nos. of the source: …………Type of Flowmeter: mechanical/ digital/ electromagnetic/ ultrasonic etc.Instantaneous Reading:……………………m3/hrTotalizer Reading: ………………………….. m3*(Please mention details for all the flowmeters)* |
|  | **Production process, Washing, etc.** | **Domestic** | **Others (specify)** |
| Average water consumption (KLD)(based on logbook of water abstracted) |  |  |  |
|  | **Effluent Treatment Plant** |
| ETP Installed | Yes/No |
| Status of ETP/ PETP | (Operational / Non-Operational) |
| Sample collected during inspection | (Yes/No) If No, specify the reason. |
| Type of sampling  | {Grab/ Composite (hours)} |
| Designed capacity of ETP /PETP (in KLD) |  |
| Names of all treatment units | *(Flowchart of treatment process to be attached)* |
| Processes from where wastewater streams reaching ETP/ PETP |  |
| Type of treatment process | {Physical/ Chemical/ Physico-chemical/ Biological (Aerobic or Anaerobic)/ UV/ RO/ etc.} |
| Name of chemical(s) consumed in ETP/ PETP and their quantity (in kg/day) |  |
| System of chemical mixing for solution preparation (Manual/ Mixer) |  |
| System of chemical dosing (Manual/ Mechanical through pumps) |  |
| Whether separate energy meter installed for ETP | Yes/No |
| Average Electricity Consumption (in KWh/day) (based on logbook) |  |
| Availability of In-house Environmental Lab(Mention the name of parameters monitored) | Yes/No |
| Staff engaged at ETP (along with nos.) |  |
| **ETP/ PETP Inlet** |
| Flow meter with totalizer installed at ETP/ PETP inletLogbook maintained: (Yes/No)*(Last two months’ logbooks to be attached)* | (Yes/No)Type of Flowmeter: mechanical/ digital/ electromagnetic/ ultrasonic etc.Instantaneous flow rate Reading:……………………m3/hrTotalizer Reading: ………………………….. m3 |
|  | **Production processes** | **Domestic uses** | **Others (specify)** |
| Average effluent generation (KLD)(based on logbook of ETP/ PETP inlet) |  |  |  |
| **ETP/ PETP Outlet** |
| Flow meter with totalizer installed at ETP/ PETP outletLogbook maintained: (Yes/No) **(Last two months’ logbooks to be attached)** | (Yes/No)Type of Flowmeter: mechanical/ digital/ electromagnetic/ ultrasonic etc.Instantaneous flow rate Reading:……………………m3/hrTotalizer Reading: ………………………….. m3 |
|  | **Production processes** | **Domestic uses** | **Others (specify)** |
| Average Effluent Discharge (KLD)(based on logbook of ETP/ PETP outlet) |  |  |  |
|  | **Treated Effluent Recycling** |
| Flow meter (s) at all recirculation lines installed with totalizerLogbook maintained: (Yes/No) *(Last two months’ logbooks to be attached)* | (Yes/No)Type of Flowmeter: mechanical/digital/electromagnetic/ ultrasonic etc.(mention these values for all recirculation lines with flowmeters)Instantaneous flow rate Reading:….m3/hrTotalizer Reading: ………….. m3 |
|  | **Production processes** | **Domestic uses** | **Others (specify)** |
| Average water recycled (KLD) (based on logbook of Recirculated water) |  |  |  |
| Whether unit was required to achieve Zero Liquid Discharge?If Yes, confirm ZLD condition with Consent to Operate issued under Water Act, 1974. | (Yes/ No)(Confirmed/ Not-confirmed) |
|  | **Treated Effluent Discharge** |
| 1. No. of consented outlets
2. Actual no. of outlets observed during visit
 |  |
| Whether any By-pass / multiple Outlets of Effluent observed**(Photograph and bypassed effluent sample to be attached along with analysis report)** | (Yes/No) |
| Mode of discharge from the unit premises | Open channel (lined/ unlined)/ Underground pipeline/ Surface pipeline/ tanker |
| Disposal point of treated effluent (mention the name) | Drain) / river / land or irrigation / CETP etc. |
|  | **Sewage Management** |
| Quantity of sewage generated (KLD) |  |
| Method of sewage management | Soak pit/ septic tank/ disposal in sewer line/ STP/ETP etc. |
|  |
| **20** | **Effluent Quality Analysis Report-** Quality of discharged effluent (**for all parameters as notified for the UNIT** under Environment (Protection) Rules, 1986/ required as per Consents)*(Please attach lab analysis reports and copy of Form-I served under Rule-7 of Environment Protection Rules, 1986)*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Parameter** | **ETP inlet** | **ETP outlet** | **Any other location** | **Norms as per consent** | **Notified discharge standard** | **Compliance w.r.t. consent/notified standard** |
| pH |   |   |  |  |  |   |
| BOD (mg/l) |   |   |  |  |  |   |
| COD (mg/l) |   |   |  |  |  |   |
| TSS (mg/l) |   |   |  |  |  |   |
| Oil and Grease (mg/l) |  |  |  |  |  |  |
| TDS (mg/l) |  |  |  |  |  |  |
| Others… |  |  |  |  |  |  |
| \*In Aeration Tank(s), |  | MLSS (mg/l): …………………………; MLVSS (mg/l):………………………………… |

**By-pass sampling analysis report (If applicable):**

|  |  |
| --- | --- |
| **Sampling location** | **Parameters (all values are in mg/l except pH)** |
| **pH** | **BOD** | **COD** | **TSS** | **Oil & grease** |
| Sample (mention location details) |  |  |  |  |  |

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| **21** | **PART-D: Air Pollution – Emission Sources & Control** |
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| --- | --- | --- | --- |
| Sources of air pollution | Chimney Details | APC Equipment | Emission Quality |
| Stipulated | Provided | QualityParameters | MonitoredValues | Norms as per consent | Notified emission norms | Compliance Status |
|  |  |  |  |  |  |  |  |  |
| Details of D.G Set | Capacity | Exhaust pipe height(in m) | Acoustic enclosures(Yes/No) |
|  |  |  |
| Fuel Consumption | Type of fuel | Consumption | Process/ Machine |
|  |  |  |

*(Please attach lab analysis reports and copy of Form-I served under Rule-7 of Environment Protection Rules, 1986)* |
| **22** | **PART-D: OCEMS STATUS AND DETAILS** |
|  |

|  |  |
| --- | --- |
| Whether installed or not | (Yes/No) |
| Location of OCEMS and type (In-line/ On-line) |  |
| Whether connected to CPCB server | (Yes/No) |
| Name of Technology Provider (TPDS) |  |
| Analyzer Details | Manufacturer/model/serial no./parameter/measurement technology |
| URL, Password and login ID |  |
| Frequency of calibration  |  |
| Last date of calibration  |  |
| Instantaneous values shown on OCEMS during inspection | Flow (m3/hr):pH :BOD (mg/l):COD (mg/l):TSS (mg/l):Any other parameter(s): |
| Installation of camera to monitor effluent discharge | Whether industry was required to install camera as per CPCB/SPCB direction: Yes/NoIf yes: Is the camera installed: Yes/NoLocation of camera:Type of camera:Availability of video feed on OCEMS portal of CPCB: |

**I. Effluent Monitoring** |
|  | **II. Emission Monitoring**

|  |  |
| --- | --- |
| Whether installed or not | (Yes/No) |
| Location of OCEMS and type (In-situ/ Extractive) |  |
| Whether connected to CPCB server | (Yes/No) |
| Name of Technology Provider (TPDS) |  |
| Analyzer Details | Manufacturer/model/serial no./parameter/measurement technology |
| URL, Password and login ID |  |
| Frequency of calibration  |  |
| Last date of calibration  |  |
| Instantaneous values shown on OCEMS during inspection | PM:CO:SO2:NOx:Any other parameter(s): |

 |
| **23** | **PART-E: HAZARDOUS AND OTHER WASTE MANAGEMENT** |
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|  |  |
| --- | --- |
| Hazardous waste generated | Production process waste – ETP chemical sludge –Raw material residues-Used oil – Others (if any) – |
| ETP sludge dewatering system | (Sludge drying beds/ Centrifuge/ Filter press/ Decanter) |
| Whether logbook for hazardous waste generation and disposal is maintained? *(Last two months’ logbooks to be attached)* | (Yes/ No) |
| Average quantity of solid waste generated (in kg/day, based on the logbook) |  |
| Mode of Hazardous waste disposal (as per authorization and actual practice followed) | CHWTSDF/CHWIF/Co-processing/Re-use/Recycling/Captive secured landfill/Utilization as resource/others (please specify) |
| If Disposal through TSDF site: *(Last two Form- 10 to be attached)* | (Yes/ No) |
| Details of other wastes and their disposal |  |

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| **24** | **PART-F: ADDITIONAL INFORMATION** |
|  | Name and Address of Power Supply Agency |  |
|  | Name and Address of Water Supply Agency |  |
|  | Whether ONSITE/OFFSITE emergency plan prepared (Yes/No/Not Applicable) |  |
|  | Whether Public Liability Insurance taken (Yes/No/Not Applicable) |  |
| **25** | **PART-G: OBSERVATIONS AND RECOMMEDNATIONS** |
|  | **I. Specific Observations:**1. ...
2. ...
 |
|  | **II. Non-compliances (as per Rules):**1. ...
2. ...
 |
|  | **III. Suggested Remedial/Mitigation Measures:**1. …
2. …
 |
|  | **IV. Recommendations of Inspection Team:**1. …
2. …

Signature of Team Member(s)Date: |
|  | **V. Recommendations of Regional Director:**1. …
2. …

(Signature of Regional Director)Date: |