Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2025

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000082342	03-09-2025

PART A

Company Information

Company Name	***Application UAN number***	
LG Electronics India Limited	MPCB-CONSENT-0000191907	
Address		
Plot No. A-5, MIDC Ranjangaon, Tal-Shirur, Dist-Pune		
Plot no	***Taluka***	***Village***
Plot No. A-5	Shirur	Ranjangaon MIDC
Capital Investment (In lakhs)	***Scale***	***City***
166223.30	L.S.I	Pune
Pincode	***Person Name***	***Designation***
412220	Swapnil Kale	Manager
Telephone Number	***Fax Number***	***Email***
7875759813		swapnil.kale@lge.com
Region	***Industry Category***	***Industry Type***
SRO-Pune II	Red	other
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	MPCB-CONSENT-0000191907	2024-03-23
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2026-02-28	2005	Oct 3 2024 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
Refrigerator	1670000	1231219	Nos./Y
Colour T.V	3250000	1950192	Nos./Y
Air Conditioner	1150000	953788	Nos./Y
Washing Machine	900000	773194	Nos./Y
Colour Monitor	800000	184388	Nos./Y

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
NA	0	0	Nos./Y

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	48.00	34.00
Cooling	150.00	105.00
Domestic	210.00	189.00
All others	0.00	0.00
Total	408.00	328.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Domestic Effluent	170	110	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
Washing Machine	0.008	0.008	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
NA	0	0	Nos./Y

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
HSD	876	48	KL/A
LPG	876	111.45	MT/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		
	Quantity	Concentration	%variation	Standard	Reason
Suspended Solids	2.42	22	NA	50mg/tr	within limit
BOD (3days at 27 Degree Centigrade	1.1	10	NA	30mg/ltr	within limit
COD	4.18	38	NA	100mg/ltr	within limit

[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

Hot Water Generator-Particulate Matter	1.357	12.34	NA	150mg/Nm3	within limit
DG-Particulate Matter	4.088	37.16	NA	150mg/Nm3	within limit
Hot Water Generator-SO2	0	0	NA	48kg/day	within limit
DG-SO2	0.595	5.41	NA	211.2kg/day	within limit

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	8.12	3.19	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	1228	1791	Nos./Y
5.2 Wastes or residues containing oil	0.59	0.43	MT/A
31.1 Process residue and wastes	7.52	5.28	MT/A
Other Hazardous Waste	18.18	18.96	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*
Metal Scrap	1823.200	2345.680	MT/A
Plastic Scrap	749.10	698.485	MT/A
Packaging Material + Garbage	5539.18	3389.940	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	*Total During Previous Financial year*	*Total During Current Financial year*	*UOM*
NA	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*
Other Hazardous Waste	18.96	MT/A	Nil

33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	1791	Nos./Y	Nil
5.2 Wastes or residues containing oil	0.43	MT/A	Nil
5.1 Used or spent oil	3.19	MT/A	Nil
31.1 Process residue and wastes	5.28	MT/A	Nil

2) Solid Waste

Type of Solid Waste Generated	***Qty of Solid Waste***	***UOM***	***Concentration of Solid Waste***
Metal Scrap	2345.680	MT/A	Nil
Plastic Scrap	698.485	MT/A	Nil
Packaging Material	3389.940	MT/A	Nil

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)***
Optimize the usage of Operator chillar in summer	0	0	0	80276	0.08	0

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)***
Increase fuel burning efficiency by using Magnetic resonators	Reduction of fuel consumption	2.06
Smart controller for pneumatic air compressor ON-OFF Operation	Reduction of Electricity consumption.95	32.64
Power Factor Improvement Work PF - 0.980?0.999	Reduction of Electricity consumption	39.51

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	***Environmental Protection Measures***	***Capital Investment (Lacks)***
Installation of Solar Power System	Reduction of fuel consumption	500

Part-I

Any other particulars for improving the quality of the environment.

Particulars

50 Trees plantation done inside factory premise And 250 saplings Distributed to Employees.

Name & Designation

Mr. Swapnil Kale-Manager

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000082342

Submitted On:

03-09-2025