Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000062498	30-09-2023

PART A

Company Information

Company Name	***Application UAN number***
Lloyds Metals and Energy Limited	MPCB-CONSENT-0000001271

Address

Lloyds Metals and Energy Limited, Regd. Oce & Works: Plot A-1 and A-2, MIDC Area, Ghugus, Chandrapur (Maharashtra)

Plot no	***Taluka***	***Village***
Compartment No- 197, 198, 199, 227 and 228	Etapalli	Hedri
Capital Investment (In lakhs)	***Scale***	***City***
36428	LSI	Gadchiroli
Pincode	***Person Name***	***Designation***
442704	Jiwan Hedau	GM -Operation
Telephone Number	***Fax Number***	***Email***
9437139256	07172285003	surjagarhmine@lloyds.in
Region	***Industry Category***	***Industry Type***
SRO-Chandrapur	Red	R35 Mining and ore beneficiation
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format1.0/CAC/UAN No.MPCB- CONSENT 0000160530/CO/23030000656	2023-03-10
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2024-03-31	2007	Jan 1 1900 12:00:00:000AM

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

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
IRON ORE MINING OVER LEASE AREA OF 348.09 Ha.	10	3.58	MT/A

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
NA	0	0	MT/A

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	1010.00	1010.00
Cooling	0.00	0.00
Domestic	135.00	135.00
All others	55.00	55.00
Total	1200.00	1200.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	797	30.75	CMD
Domestic Effluent	105	93.5	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
IRON ORE	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
NA	0	0	CMD

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
HSD	15	15	CMD

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
pH	0	7.2	0	NA	NA
TSS	1913	39	22	50	NA
BOD	1030	21	30	30	NA
COD	3337	68	32	100	NA

[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
NA	0	0	0	NA	NA

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	0	15.4	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
OB	1158325	193773	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
5.1 Used Oil or Spent Oil	15.4	MT/A	Disposed to MPCB authorized vendors

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
OB	193773	MT/A	Dumped in earmarked area & stabilized with proper protection measures having retaining wall and coir mat on slopes

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)
NA	0	0	0	0	0	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)***
Air Quality Management	Dust Suppression	68.44
Water Quality Mangement	Surface runoff management having settling pond, check dam, STP, ETP etc	31.63
Dump Management	Dump managements with retaining wall and coir mat application	14.20
Environmental Instruments	Monitoring instruments like RDS, Flow meter, CAAQMS	63.72

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	***Environmental Protection Measures***	***Capital Investment (Lacks)***
Air Quality Management	Dust Suppression	69
Wildlife Management	Wildlife Compliance Management	28
Environmental Instruments	Monitoring instruments like RDS, Flow meter, CAAQMS and Lab	208

Part-I

Any other particulars for improving the quality of the environment.

Particulars

We are practicing the best environmental management measures wrt Air, Water, Soil, Noise etc. and adopting the latest technology and equipments into operations.

Name & Designation

Jiwan Hedau , GM Operation

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000062498

Submitted On:

30-09-2023