



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2024

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000073913

Submitted Date

29-09-2024

PART A

Company Information

Company Name

Lloyds Metals and Energy Limited

Application UAN number

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

Compartment No- 197, 198, 199, 227 and 228

Taluka

Etapalli

Village

Hedri

Capital Investment (In lakhs)

36428

Scale

LSI

City

Gadchiroli

Pincode

442704

Person Name

Jiwan Hedau

Designation

Mines Manager

Telephone Number

9437139256

Fax Number

07172285003

Email

surjagarhmine@lloyds.in

Region

SRO-Chandrapur

Industry Category

Red

Industry Type

R35 Mining and ore beneficiation

Last Environmental statement submitted online

yes

Consent Number

Format1.0/CAC/UAN No.MPCB- CONSENT 0000160530/CO/23030000656

Consent Issue Date

2024-03-28

Consent Valid Upto

2029-03-31

Establishment Year

2007

Date of last environment statement submitted

Sep 30 2023 12:00:00:000AM

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

Product Information

Product Name

IRON ORE MINING OVER LEASE AREA OF 348.09 Ha.

Consent Quantity

10

Actual Quantity

9.99

UOM

MT/A

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
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	Standard	Reason
pH	0	6.83	0	NA	NA
TSS	588	12	76	50	NA
BOD	937	19.1	36	30	NA
COD	3768	76.8	23	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	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	15.4	65.17	KL/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	193773	283672	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	65.17	KL/A	Disposed to MPCB authorized vendors

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
OB	283672	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

<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
Air Quality Management	Dust Suppression	128
Water Quality Mangement	Surface runoff management having settling pond, check dam, STP, ETP etc	68.64
Dump Management	Dump managements with retaining wall and coir mat application	126.42
Environmental Instruments	Monitoring instruments like RDS, Flow meter, CAAQMS	152
Environmental Monitoring	Monitoring of Environmental Paramters	16.29
Plantation	Plantation in Safety zone (gap filling)	9.72

[B] Investment Proposed for next Year

<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
Air Quality Management	Dust Suppression	50
Wildlife Management	Wildlife Compliance Management	40
Environmental Instruments	Monitoring instruments like RDS, Flow meter, CAAQMS and Lab	100

Part-I

Any other particulars for improving the quality of the environment.

Particulars

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

Name & Designation

Jiwan Hedau , Mines Manager

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000073913

Submitted On:

29-09-2024