



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-0000070897

Submitted Date

22-09-2024

PART A

Company Information

Company Name

Lloyds Metals & Energy Ltd. (Unit-2)

Application UAN number

MPCB-CONSENT-0000167695

Address

Chamorshi (Konsari) Industrial Area

Plot no

Plot no. A1

Taluka

Chamorshi

Village

Konsari

Capital Investment (In lakhs)

15000.00

Scale

M.S.I

City

Chamorshi

Pincode

442707

Person Name

G Kumaraswamy

Designation

Sr. Vice President

Telephone Number

9870700789

Fax Number

07172285003

Email

konsari@lloyds.in

Region

SRO-Chandrapur

Industry Category

Red

Industry Type

R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units

Last Environmental statement submitted online

no

Consent Number

MPCB-CONSENT-0000167695

Consent Issue Date

2023-09-18

Consent Valid Upto

2024-08-31

Establishment Year

2023

Date of last environment statement submitted

Jan 1 1900 12:00:00:000AM

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

Product Information

Product Name

Sponge Iron

Consent Quantity

62700

Actual Quantity

29825

UOM

MT/A

WHRB Captive Power-

4

2

Mwh

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
	0.00	0.00
Cooling	247.00	205.00
Domestic	10.00	9.00
All others	0.00	0.00
Total	257.00	214.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	27	20	CMD
Domestic Effluent	8	7	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
Sponge Iron	0	1.13	

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
Dolomite	0	0.06	Ton/Ton
Iron Ore	0	1.28	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coal	75240	24496	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	Standard	Reason
	Quantity	Concentration	%variation		
TSS	0.38	18.8	-99.6	100 mg/L	Avg. conc. for all the treated effluent
TDS	5.54	277.0	-99.7	2100 mg/L	Avg. conc. for all the treated effluent
BOD	0.11	5.7	-99.6	30 mg/L	Avg. conc. for all the treated effluent
COD	0.59	29.7	-99.8	250 mg/L	Avg. conc. for all the treated effluent
O&G	0.15	7.5	-98.5	10 mg/L	Avg. conc. for all the treated effluent
DO	0.11	5.55	-97.8	5 mg/L	Avg. conc. for all the treated effluent

Free available Chlorine	0.001	0.04	-99.8	0.5 mg/L	Avg. conc. for all the treated effluent
Copper	0.014	0.68	-98.6	1 mg/L	Avg. conc. for all the treated effluent
Iron	0.007	0.37	-99.9	1 mg/L	Avg. conc. for all the treated effluent
Zinc	0.001	0.05	-99.9	1 mg/L	Avg. conc. for all the treated effluent
Chromium	0.0004	0.02	-99.8	0.2 mg/L	Avg. conc. for all the treated effluent
Phosphate	0.001	0.06	-99.8	5 mg/L	Avg. conc. for all the treated effluent

[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
TPM	45.13	37.0	-9.73	50 mg/Nm3	Avg. conc. from the stack
SO2	281.55	230.81	-56.0	640 Kg/Day	Avg. conc. from the stack

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	0	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
Dolchar	0	4913	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Ash	0	1149	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 or spent oil	0	KL/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Dolchar	4913	MT/A	Sold to authorized Vendor
Ash	1149	MT/A	Sold to authorized Vendor

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)
Solar Power Plant	00	0	0	28502	125	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)
Greenbelt Development	Miyawaki Plantation & Mango Orchid nearby Villages	42.55

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Improvement of Pollution Control Facility	Improvement of Existing & provision of additional PCF, if require	120.0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Greenbelt development in & around the factory premises i.e. nearby villages

Name & Designation

G. Kumaraswamy -Sr. VP (Regulatory Affairs and EHQ)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000070897

Submitted On:

22-09-2024