



KCL/ENV/ES/2025-26/01

Date: 11.09.2025

To,
The Member Secretary,
Gujarat Pollution Control Board,
Paryavaran Bhavan, Sector 10-A,
Gandhinagar – 382010.

Subject: Environmental Statement under the Environment (Protection) Act, 1986 for Kutch Copper Limited, Mundra.

Dear Sir,

Please find enclosed Environmental Statement for the FY 2024-25 for Kutch Copper Limited for your kind information and record.

Thank you,

Yours faithfully,

For Kutch Copper Limited

Deepak Sopori
(Head Operations)

Enclosed: as above.

CC: -

For Information please

Regional Officer
Gujarat Pollution Control Board,
Chetna Chamber, Sector-09
Gandhidham, Kandla, Gujarat – 370201

Kutch Copper Limited.
Adani Corporate House
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Regd Office: "Adani Corporate House", Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Abad – 382421

**FORM-V
(See Rule- 14)**

Environmental Statement for the Financial Year ending 31st March 2025

PART - A

- i. Name and address of the owner/ occupier of the industry operation or process : Sh. Deepak Sopori
Plant Head (Operations)
M/s Kutch Copper Limited
Plot no.295/Paiki6/ Paiki2,
295/Paiki6 /Paiki 3,
Adjacent nos. Navinal - 223/Part,
224 Part, Village - Siracha &
Navinal, Taluka - Mundra,
District - Kutch (370405)
- ii. Industry category
Primary (STC Code), Secondary (STC Code) : RED, LARGE
- iii. Production capacity - Units : Copper Cathode - 41,667 MT/Month
Copper Rod - 20,833 MT/Month
Sulphuric Acid - 140,000 MT/Month
Gold - 3 MT/Month
(as per CTO)
- iv. Year of establishment : 2024
- v. Date of the last environmental statement submitted: 25.09.2024

PART - B

Water and Raw Material Consumption

1. Water consumption (m³/ d)

Domestic	:	11.76
Process & Cooling	:	306.37

Name of products	Process Water consumption per unit of product output (m ³ /T)	
	During the previous Financial Year (2023-24)	During the current Financial year (2024-25)
	Copper Cathode	3.00
Copper Cathode, Copper Rod, Sulphuric Acid & Precious Metal	3.00 (for Copper Cathode, FY 23-24)	7.57

2. Raw material consumption:

Name of Raw Materials	Name of Products	Raw material consumption per unit of product (MT)	
		During the previous Financial Year (2023-24)	During the current Financial year (2024-25)
		1. Copper Concentrate	NA
2. Silica Sand	Copper Anode	NA	1.48
3. Copper Anode	Copper Cathode	6.5	1.14
4. Copper Cathode	Copper Rod	3.34	1.88

PART - C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

Pollutants		Quantity of Pollutants discharged (Tons/day)	Concentration of Pollutants discharged (mg/Nm ³)	Percentage of variation from prescribed standards with reasons
1. Water		No Discharge	No Discharge	NA
2. Air	Stack attached to Flue Gas Desulphurization (FGD)	PM – 0.089 SO ₂ – 0.882	PM -17 SO ₂ -167.9	Within permissible limit
	Stack attached to Tail Gas Desulphurization (TGD)	PM – 0.021	PM -15 SO ₂ - 0.09 Kg SO ₂ /Ton of H ₂ SO ₄	

PART - D

Hazardous Wastes

(As specified under Hazardous Wastes (Management and Transboundary Movement Rules, 2016))

Hazardous Wastes	Total Quantity (MT)	
	During the previous Financial Year (2023-24)	During the current Financial year (2024-25)
a) From Process	Nil	Nil
b) From Pollution Control Facilities	Nil	Nil

PART - E

Solid Wastes

Solid Wastes	Total Quantity (MT)	
	During the previous Financial Year (2023-24)	During the current Financial year (2024-25)
a) From Process	Copper Slag (Granulated) - Nil	Copper Slag (Granulated) – 6,050
b) From Pollution Control Facilities	Nil	Nil
c) (1) Quantity recycled or re-utilized within the unit	Nil	Nil
(2) Sold	Nil	Nil
(3) Disposed	Nil	Nil

PART - F

Please specify the characteristics (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes

No generation of Hazardous Waste.

Solid Waste:

S.No	Type of Waste	Concentration of Wastes	Method of Collection/ storages of wastes	Precautionary measure for handling, transport and Other safety measures	Disposal
1.	Copper Slag (Granulated)	Cu Content: between 0.8 to 1.2 % (dry wt.)	Collection, transportation & storage in the lined Slag yard (within plant)	Safety equipment such as helmet, gloves, shoes, reflector jackets etc. is provided to employees working in the area.	Slag utilization in respective areas as per the CPCB guideline.

PART - G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

- No Fresh water (Surface/Ground) in use. Sea-based desalination water is being used for the entire operation.
- Effluent Treatment Plant and Sewage Treatment Plant.
- Plant is designed on Zero Liquid Discharge.
- Covered Conveyor Facility with Bag filters at transfers point for dust collection.
- Efficient Pollution Control Equipment's Like FGD and TGD etc. has been installed.
- Efficient ESP's system, facility of 100 % recycling of collected Copper dust into the smelting process.

PART - H

Additional measures/investment proposal for environmental protection including abatement of pollution and prevention of pollution.

For environment Protection, pollution control equipment's like Electrostatic precipitator, Gas Cleaning Plant, Catalytic Converter, Mist Eliminator, Tail Gas scrubbing System and Stack, Flue gas Desulphurization system and Stack, Secured Land fill site, Lined Slag yard, Cyclone Washing Tower and Bag filters have been considered.

PART - I

Any other particulars for improving the quality of the environment

For improving the quality of the environment various measures have been taken.

- Green Belt Development
- Environmental monitoring is being carried out by NABL/CPCB accredited Third party.
- Rainwater Harvesting.
- Environment Awareness.
- ISO (9001,14001 & 45001) certification.

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