adani

Metals

KCL/ENV/EC-COMP/2024-25/01
Date: 20.11.2024

To,
Additional Principal Chief Conservator of Forest (APCCF)
Ministry of Environment, Forest and Climate Change
Integrated Regional Office,
Aranya Bhavan, Fourth Floor, Room No. 407
Sector 10 A, Gandhinagar, Gujarat 382010

Sub: Six Monthly Compliance status report on Environment Clearance of Greenfield Copper Refinery Project (1.0 MTPA) of Kutch Copper Limited Located at Taluka-Mundra, District-Kutch, Gujarat.

Ref: EC Letter No. J-11011/113/2016-IA.II(I) dated 08.05.2020 and subsequent EC transfer letter dated 03.08.2021.

Dear Sir,

With reference to the above subject, please find enclosed herewith Six-Monthly Environment Clearances (EC) Compliance Status Report along with environmental monitoring reports for the period of **April-2024 to September-2024** in soft (e-mail).

This is for your kind information & record please.

Thanking You,
Yours faithfully,

For Kutch Copper Limited

Deepak Sopori
(Head Operations)

Enclosed: as above.

The Member Secretary
Central Pollution Control Board
Parivesh Bhavan, East Arjun Nagar
Kendriya Paryavaran Bhawan
New Delhi-110032

The Member Secretary
Gujarat Pollution Control Board
Paryavaran Bhawan, Sector-10A
Gandhinagar - 382010

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

Kutch Copper Limited,
Adani Corporate House
Shantigram, S G Highway
Ahmedabad 382 421
Gujarat, India

Tel +91 79 2656 5555
Fax +91 79 2555 5500
info.nr@adani.com

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

Kutch Copper Limited

1.0 MTPA (One Million Tons per Annum) Greenfield Copper Refinery Project

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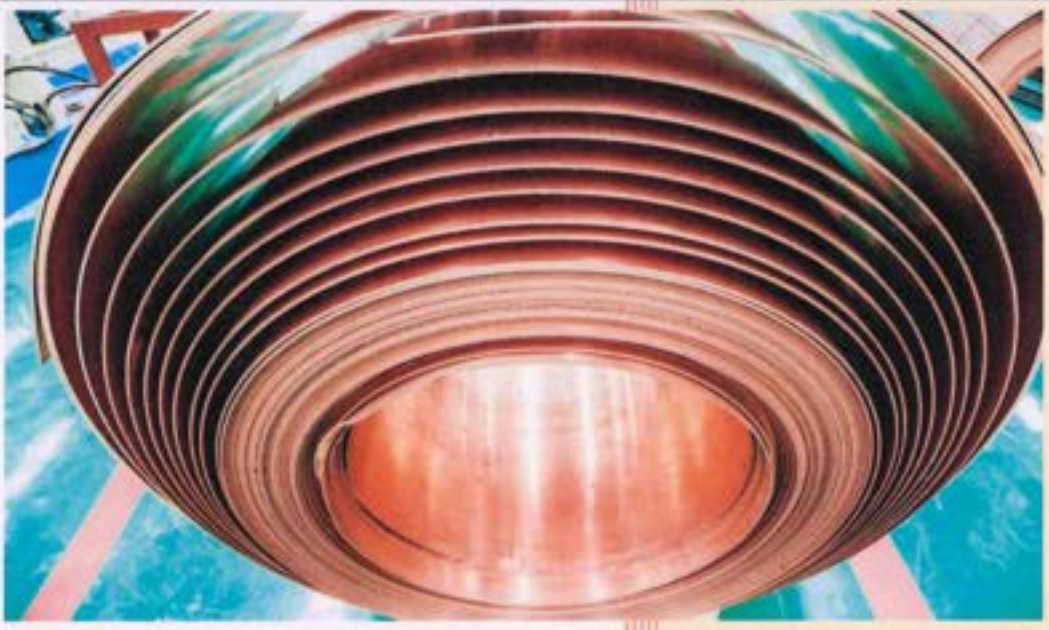
For Period:
April 2024 to Sept'2024

SIX MONTHLY COMPLIANCE REPORT OF ENVIRONMENT CLEARANCE (EC)



Submitted to:

Integrated Regional Office, Gandhinagar
Ministry of Environment, Forest & Climate Change
Central Pollution Control Board, New Delhi &
Gujarat Pollution Control Board, Gandhinagar and Regional Office

For

1.0 MTPA
(One Million Tons per Annum)
Green Field Copper Refinery Project

Submitted by:

Kutch Copper Limited
Vill: Siracha, Navinal
Tal: Mundra, Dist: Kutch – 370405
Gujarat.

At

Taluka - Mundra
District -Kutch,
Gujarat

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Kutch Copper Limited

1.0 MTPA (One Million Tons per Annum) Greenfield Copper Refinery Project

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Kutch Copper Limited

1.0 MTPA (One Million Tons per Annum) Greenfield Copper Refinery Project

Introduction

Kutch Copper Limited is setting up a Greenfield Copper Refinery Project of One Million Tons Per Annum (1.0 MTPA) capacity. The project site is located in Siracha and Navinal villages at Mundra taluka, Kutch district in the state of Gujarat.

Terms of Reference (TOR) for EIA study for the proposed project was accorded by MoEF&CC vide Letter F.No. J-11011/113/2016-IA.II (I) dated 21st June 2016. In accordance with the TOR conditions, the EIA - EMP report has been prepared by M/s. Vimta Labs Limited, Hyderabad based on three-months site-specific baseline environmental data monitored during 1st October 2016 to 31st December 2016 and submitted to MoEF&CC along with EC Application IA/GJ/IND/86812/2016 dated 06.12.2018.

Environmental clearance for 1.0 Million Tonnes per Annum Greenfield Copper Refinery Project was granted vide letter dated 08.05.2020 and its subsequent amendment dated 23.06.2021.

EC transfer letter from M/s. AEL to M/s. KCL was received vide letter No.F. No. J-11011/113/2016-IA.II(I), dt; 03.08.2021.

CTE granted vide CTE no 49273 dated 19/09/2021

CTO /CCA granted vide consent order no. AWH – 132498 dated 20-02-2024 for 0.5 MTPA.

There was an Appeal in National Green Tribunal vide Appeal No. 35/2020 (WZ). The matter was heard on 1st July 2024 and the said appeal is disposed off. The judgement has been pronounced on dated 6/08/2024.

Kutch Copper Limited

1.0 MTPA (One Million Tons per Annum) Greenfield Copper Refinery Project

Compliance Status of Environmental Clearance

F. No. J-11011/113/2016-IA.II(I), dated: 08th May 2020 & 03rd Aug 2021

Sl. No.	Conditions of EC	Compliance Status
I	**Statutory Compliance**	
(i)	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non- forest purpose involved in the project.	As per the EC and subsequent amendments granted there is no forest land involved in the project area.
(ii)	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan/ Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six- monthly compliance report.	Site Specific Conservation Plan & Wildlife Management Plan had been prepared and submitted for approval to the Chief Wildlife Warden, Bhuj, Gujarat for further suggestion & implementation.
(iii)	The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the (Water Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.	Complied. a. Consent to Establish has been obtained from GPCB vide CTE no.49273dated 19.09.2021. b. Consent to Operate has been obtained vide consent order no. AWH-132498 dated 20.02.2024 valid upto 07.01.2029
(iv)	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water from the competent authority concerned in case of drawl of surface water required for the project.	No, Ground water is proposed for the project.
(v)	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rule, 2016 as amended from time to time.	Complied. Authorization under the Hazardous and other waste Management Rule, 2016 has been obtained vide consent order no. AWH-132498 dated 20.02.2024 valid upto 07.01.2029.

Kutch Copper Limited

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Sl. No.	Conditions of EC	Compliance Status
II	**Air quality monitoring and preservation**	
(i)	The project proponent shall install 24X7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environmental (Protection) Rules 1986 vide G.S.R 742 (E) dated 30th August 1990 and thereafter amended vide G.S.R 46 (E) dated 3rd February 2006 (Aluminium); S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Noted & Being Followed.
(ii)	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.	Being Complied. Ambient Air Quality Monitoring is being done on regular basis through NABL accredited lab AAQ Monitoring report is enclosed as Annexure-1.
(iii)	The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at an angle of 120° each), covering upwind and downwind directions.	Complied. 4 nos. of Continuous Ambient Air Quality monitoring system have been installed.
(iv)	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/ fugitive emissions to Regional office of MoEFCC, Zonal office of CPCB and Regional Office of SPCB along with six- monthly monitoring report.	Being Complied. Monitoring data of ambient air quality is being done through NABL accredited lab. AAQ Monitoring report is enclosed as Annexure-1.
(v)	Appropriate Air Pollution Control (APC) system shall be provided for all the dust	Necessary consideration taken in design of FGD, TGD & other air pollution control

Kutch Copper Limited

1.0 MTPA (One Million Tons per Annum) Greenfield Copper Refinery Project

Sl. No.	Conditions of EC	Compliance Status
	generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	system to comply with prescribed MoEF&CC norms. Water sprinkling is also being done on regular basis.
(vi)	The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags	Necessary consideration taken in design of bag filters.
(vii)	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.	Pollution control system in the plant has been provided as per the CREP Guidelines of CPCB.
(viii)	Sufficient number of mobile or stationary vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	Noted. Proper housekeeping is being maintained.
(ix)	Ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation.	Being Complied. Necessary design consideration has been taken to avoid the spillages. Major Raw material i.e. copper concentrate is being transported through covered pipeline conveyor system.
(x)	Adopt measures to recover fluoride gas from electrolytic cells and recycle the same in the process.	Not applicable as it has been deleted in the amended EC.
(xi)	Ventilation system shall be designed for adequate air changes as per ACGIB document for all tunnels, motor houses.	Ventilation system is designed for adequate air changes as per ACGIB document for all tunnels, motor houses.
III	**Water quality monitoring and preservation**	
(i)	The project proponent shall install 24X7 continuous effluent monitoring system with respect to standards prescribed in Environmental (Protection) Rules 1986 vide G.S.R 742 (E) dated 30th August 1990 and further amended vide G.S.R 46 (E) dated 3rd February 2006 (Aluminium); S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Being Followed.

Kutch Copper Limited

1.0 MTPA (One Million Tons per Annum) Greenfield Copper Refinery Project

Sl. No.	Conditions of EC	Compliance Status
(ii)	The project proponent shall monitor regularly ground water quality at twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories	Being Complied. Ground water is being monitored on monthly basis through NABL accredited lab. The monitoring report is enclosed as Annexure-2.
(iii)	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEFCC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Being Complied. Ground water is being monitored on monthly basis through NABL accredited lab. The monitoring report is enclosed as Annexure-2.
(iv)	Adhere to 'Zero Liquid Discharge'	The Plant is designed to operate with 'Zero Liquid Discharge' system.
(v)	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	Sewage Treatment Plant has been installed for treatment of domestic wastewater.
(vi)	The project proponent shall practice rainwater harvesting to maximum possible extent.	Rainwater harvesting pond has been developed to conserve water.
(vii)	The project proponent shall make efforts to minimise water consumption in the Copper plant complex by segregation of used water, practicing cascade use and by recycling treated water.	The Plant is designed to operate with Zero Liquid Discharge & Recycling system.
IV	**Noise monitoring and prevention**	
(i)	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Being Complied. Noise monitoring is being carried out through NABL accredited lab. Noise level monitoring report is enclosed as Annexure-3.
(ii)	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz 75 dB(A) during day time and 70 dB(A) during night time	Being Complied. Noise monitoring is being carried out through NABL accredited lab. Noise level monitoring report is enclosed as Annexure-3.

Kutch Copper Limited

1.0 MTPA (One Million Tons per Annum) Greenfield Copper Refinery Project

Sl. No.	Conditions of EC	Compliance Status
V	**Energy Conservation measures**	
(i)	The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases.	Necessary design consideration has been taken to recover waste heat from the flue gases.
(ii)	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, streetlights, parking around project area and maintain the same regularly;	Solar based lighting provided in the plant area. However, we have also planned to utilise solar power in plant.
(iii)	Provide LED lights in their offices and residential areas.	Complied. LED lights have been provided in the offices and residential areas.
VI	**Waste management**	
(i)	Used refractories shall be recycled as far as possible.	Noted. Used refractories shall be recycled as far as possible.
(ii)	A plan for 100% utilisation of phosphogypsum generated shall be implemented. Under the action plan, MOU with potential buyers including cement companies for supply of phosphogypsum.	Noted. Phosphoric Acid Plant is yet to establish.
(iii)	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.	Being Complied. The waste oil, grease and other hazardous waste will be disposed through authorised recyclers as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
(iv)	Kitchen waste shall be composted or converted to biogas for further use.	Being Complied. Kitchen waste is being converted to biogas.
VII	**Green Belt**	
(i)	Green belt shall be developed in an area equal to 35% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	Being Complied. Plantation is being carried out within plant premises. 14,590 nos. of plants have been planted till Sept 2024.
(ii)	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for the reduction of the same including carbon sequestration including plantation.	GHG emission inventory will be carried out and report with reduction program will be submitted once all the sections of the plant operate at full capacity. Plantation is being done for carbon sequestration.

Kutch Copper Limited

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Sl. No.	Conditions of EC	Compliance Status
VIII	**Public hearing and Human health issues**	
(i)	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Being complied.
(ii)	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Being Complied. Personal Protective Equipment (PPEs) has been provided.
(iii)	Provision shall be made for the housing of construction labour within the site with all necessary infrastructures and facilities such fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	There is no housing provided for construction labour within the site. However, facilities such as toilets, STP, drinking water, medical healthcare, etc. have been provided for all the construction labours at site.
(iv)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Being Complied. Occupational health surveillance of the workers is being done on regular basis and records maintained.
IX	**Corporate Environment Responsibility**	
(i)	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility	KCL has allocated Rs. 60.5 Crores on total project cost of Rs. 11,000/- Crores for Corporate Environment Responsibility (CER budget) as per Ministry's OM vide F.No. 22-65/2017-IA.III dated 01st May 2018.
(ii)	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements / deviation / violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest/ wildlife norms / conditions and/or shareholders / stakeholders. The copy of the	Kutch Copper Limited has well laid Environment policy.

Kutch Copper Limited

1.0 MTPA (One Million Tons per Annum) Greenfield Copper Refinery Project

Sl. No.	Conditions of EC	Compliance Status
	board resolution in this regard shall be submitted to the MoEFCC as a part of six-monthly report.	
(iii)	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organisation.	Complied. Environmental Cell established with qualified personnel with senior Executive, who reports to the head of the organisation.
(iv)	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Copper Industry shall be implemented.	Being Complied. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Copper Industry are being implemented.
X	**Miscellaneous**	
(i)	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	Complied. Advertisement regarding grant of EC has been published in Times of India dated 14th May 2020 and Kutch Mitra (local News) dated 15th May 2020. Copies of newspaper advertisement were sent with compliance report for period of April 2020 to September 2020. Environmental Clearance is available on company's website Adani Enterprises Ltd under download section.
(ii)	The copies of the environmental clearance shall be submitted by the project proponent to the Heads of local bodies, Panchayat and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Complied. Copies of Environment Clearance has been submitted to Village Panchayat office of Tunda, Desalpar, Borana, Dhrab, Jarpara, Mota Bhadiya, Mota Bhujpur Juth, Mota Kandgra, Moti khakhar, Nana Bhadiya, Nani Khakhar, Navinal, Shiracha, Tragadi, Tunda, Vandh, Taluka: - Mundra, Mandvi District: - Kutch vide letter AEL/Copper/ EC/2020/ May-1 dated 11/05/2020. The EC Copies has also been submitted to following offices through post. i. The Mamlatdar Office, Mundra Kutch ii. Regional Office Kutch (East), GPCB, Gandhidham. iii. The Taluka Development Office, Mundra-Kutch iv. District Industries Centre, Bhuj-Kutch

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Sl. No.	Conditions of EC	Compliance Status
		v. The District Collector, Bhuj-Kutch vi. The District Development Office, Bhuj-Kutch EC amendment & transfer letter has been uploaded on the company's website: Adani Enterprises Ltd.
(iii)	The project proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Being Complied. Half yearly EC Compliance status report being submitted to MoEF&CC, CPCB & GPCB. The same is being uploaded on company's website Adani Enterprises Ltd.
(iv)	The project proponent shall monitor the criteria pollutant level namely, PM_{10}, SO_2, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same as a convenient location for disclosure to the public and put on the website of the company.	Being Complied. Ambient Air Quality is being done on regular basis to monitor the AAQ parameters.
(v)	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Being Complied. Half yearly EC Compliance status report is being submitted to MoEF&CC, CPCB & GPCB on regular basis.
(vi)	The project proponent shall submit environmental statement for each financial year in Form- V to the concerned State Pollution Control Board as prescribed under the Environmental (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Being Complied. Yearly Environmental statement is being submitted to the Gujarat Pollution Control Board and uploaded on company website.
(vii)	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Financial closure is already achieved.
(viii)	The project authorities must strictly adhere to the stipulations made by the State Pollution control Board and the State Government.	Noted & agreed.

Kutch Copper Limited

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Sl. No.	Conditions of EC	Compliance Status
(ix)	The project proponent shall abide by the commitment and recommendations made in the EIA/ EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Being complied.
(x)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF & CC)	Noted & agreed.
(xi)	Concealing factual data or submission of false/ fabricated data may result in revocation of the environmental clearance and attract action under the provisions of Environmental (Protection) Act, 1986.	Noted.
(xii)	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory	Noted.
(xiii)	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted.
(xiv)	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/ information/ monitoring reports.	Noted & agreed.
(xv)	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environmental Protection Act 1986, Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendment and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.	Noted.

Kutch Copper Limited

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Sl. No.	Conditions of EC	Compliance Status
(xvi)	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2020.	There was an Appeal filed in Hon'ble National Green Tribunal vide Appeal no. 35/2020 (WZ). The matter was heard on 1st July,2024 and the said appeal is disposed off. The judgement has been pronounced on dated 6/08/2024.
Additional Specific Conditions as per Amendment in EC dated 23/06/2021		
Sl. No.	Condition of EC	Compliance Status
i	Project proponent shall abide by the all orders and judicial pronouncements, made from time to time passed by Hon'ble National Green Tribunal, Western Zone in Original Appeal No. 35/2020 (WZ).	There was an Appeal filed in Hon'ble National Green Tribunal vide Appeal no. 35/2020 (WZ). The matter was heard on 1st July,2024 and the said appeal is disposed off. The judgement has been pronounced on dated 6/08/2024.
ii	Particulate matter emission from all the stacks shall not exceed 30 mg/Nm3	The system has been designed to limit the Particulate matter emission from all the stacks within prescribed limit of 30 mg/ Nm3.
iii	The Mangrove and Mudflat conservation plan submitted to Deputy Conservator of Forests, Gujarat Forest Department shall be implemented in a time bound manner and periodic compliance status in this regard shall be submitted to Regional Office of the MoEF & CC along with the six monthly compliance report.	Site Specific Mangrove and Mudflat Conservation Plan & Wildlife Management Plan had been prepared and submitted for approval of the Chief Wildlife Warden, Bhuj, Gujarat for further suggestion & implementation.
iv	Sulphur and Flourine emission pollution shall not exceed 3641 TPA for sulphur and 33 TPA for Flourine as committed by the project proponent.	Noted. The system has been designed to limit the Sulphur & Flourine emission within 3641 TPA and 33 TPA respectively.
v	SO2 from sulphuric acid plant stack will be less than 0.7 Kg SO2 / T of H2SO4 and from Flue Gas Desulphurization (FGD) stack will be less than 400 mg/Nm3 as committed by the project proponent.	Noted. The system has been designed to limit the SO2 emission from sulphuric acid plant stack less than 0.7 Kg SO2/T of H2SO4 and from Flue Gas Desulphurization (FGD) stack less than 400 mg/Nm3.
vi	Flouride from phosphoric acid plant stack will be less than 10 mg/Nm3 as committed by the project proponent.	Noted. Phosphoric acid plant is yet to establish.

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ANNEXURE-1

AMBIENT AIR QUALITY REPORTS (April 2024-September 2024)

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 07/05/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name	Kutch Copper Limited
On Site 24 Hourly Monitoring Results	
Sample Type	AMBIENT AIR QUALITY MONITORING
Location Name	Project Site

Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	01.04.2024	02.04.2024	70.02	35.41	15.40	26.17	-	-	-	-	-	-	-	-	-
2	04.04.2024	05.04.2024	67.93	32.08	18.85	30.79	-	-	-	-	-	-	-	-	-
3	08.04.2024	09.04.2024	65.00	31.24	13.02	25.15	-	-	-	-	-	-	-	-	-

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

4.	11.04.2024	12.04.2024	71.81	38.33	16.14	27.71	20.34	15.34	0.332	BQL (QL=2.5)	BQL (QL=0.5)	BQL (QL=0.001	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)
5	15.04.2024	16.04.2024	74.53	36.24	17.82	28.48	-	-	-	-	-	-	-	-	-
6	18.04.2024	19.04.2024	68.45	33.33	14.75	24.38	-	-	-	-	-	-	-	-	-
7	22.04.2024	23.04.2024	70.51	36.66	13.00	28.29	-	-	-	-	-	-	-	-	-
8.	25.04.2024	26.04.2024	71.40	34.58	13.30	34.06	-	-	-	-	-	-	-	-	-
9.	29.04.2024	30.04.2024	68.35	36.24	15.95	37.53									
AVERAGE			**69.78**	**34.90**	**15.36**	**29.17**	-	-	-	-	-	-	-	-	-

Analysis By

Vishal Makvana

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:07/05/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
On Site 24 Hourly Monitoring Results	
Sample Type	**AMBIENT AIR QUALITY MONITORING**
Location Name	**Shiracha Village**

Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	01.04.2024	02.04.2024	65.17	32.08	10.61	25.40	-	-	-	-	-	-	-	-	-
2	04.04.2024	05.04.2024	62.70	35.41	12.31	26.27	-	-	-	-	-	-	-	-	-
3.	08.04.2024	09.04.2024	68.50	38.74	14.05	27.20	-	-	-	-	-	-	-	-	-

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4	11.04.2024	12.04.2024	63.02	34.16	11.61	23.61	16.27	15.54	0.37	BQL (QL-2.5)	BQL (QL=0.5)	BQL (QL=0.001	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)
5	15.04.2024	16.04.2024	65.56	36.66	12.05	25.12	-	-	-	-	-	-	-	-	-
6	18.04.2024	19.04.2024	64.07	31.24	15.18	29.12	-	-	-	-	-	-	-	-	-
7	22.04.2024	23.04.2024	68.21	34.58	15.39	26.17	-	-	-	-	-	-	-	-	-
8	25.04.2024	26.04.2024	70.39	37.49	13.30	28.58	-	-	-	-	-	-	-	-	-
9	29.04.2024	30.04.2024	71.35	38.33	15.16	34.64	-	-	-	-	-	-	-	-	-
		AVERAGE	66.55	35.41	13.30	27.35	-	-							

Analysis By

Vishal Makwana

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:07/05/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
On Site 24 Hourly Monitoring Results	
Sample Type	**AMBIENT AIR QUALITY MONITORING**
Location Name	**Zarapara Village**

Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	01.04.2024	02.04.2024	64.71	30.41	10.27	21.07	-	-	-	-	-	-	-	-	-
2	04.04.2024	05.04.2024	68.13	33.74	13.00	25.40	-	-	-	-	-	-	-	-	-
3	08.04.2024	09.04.2024	65.07	31.66	11.31	23.38	-	-	-	-	-	-	-	-	-

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4	11.04.2024	12.04.2024	68.31	35.41	14.00	26.17	18.15	19.78	0.424	BQL (QL-2.5)	BQL (QL=0.5)	BQL (QL=0.001	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)
5	15.04.2024	16.04.2024	63.86	32.08	12.74	24.54	–	–	–	–	–	–	–	–	–
6	18.04.2024	19.04.2024	67.45	37.49	14.14	29.16	–	–	–	–	–	–	–	–	–
7	22.04.2024	23.04.2024	66.85	33.33	16.16	24.63	–	–	–	–	–	–	–	–	–
8.	25.04.2024	26.04.2024	72.97	37.91	18.42	29.45	–	–	–	–	–	–	–	–	–
9	29.04.2024	30.04.2024	74.78	31.24	20.74	28.74	–	–	–	–	–	–	–	–	–
		AVERAGE	**68.01**	**33.70**	**14.53**	**25.84**	-	-							

Analysis By

Vishal

Vishal Makwana

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:07/05/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
On Site 24 Hourly Monitoring Results	
Sample Type	**AMBIENT AIR QUALITY MONITORING**
Location Name	**Navinal Village**

Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Methcd IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	01.04.2024	02.04.2024	64.11	35.41	15.02	21.30	-	-	-	-	-	-	-	-	-
2	04.04.2024	05.04.2024	68.61	37.91	17.31	24.12	-	-	-	-	-	-	-	-	-
3	08.04.2024	09.04.2024	63.24	34.58	11.31	22.52	-	-	-	-	-	-	-	-	-

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4	11.04.2024	12.04.2024	69.44	36.24	16.14	26.43	17.21	16.95	0.40	BQL (QL-2.5)	BQL (QL=0.5)	BQL (QL=0.001	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)
5	15.04.2024	16.04.2024	65.36	31.24	12.01	23.61	-	-	-	-	-	-	-	-	-
6	18.04.2024	19.04.2024	60.21	29.16	13.74	25.15	-	-	-	-	-	-	-	-	-
7	22.04.2024	23.04.2024	68.28	35.41	12.98	23.67	-	-	-	-	-	-	-	-	-
8.	25.04.2024	26.04.2024	70.57	32.91	13.68	26.56	-	-	-	-	-	-	-	-	-
9.	29.04.2024	30.04.2024	70.61	36.24	17.53	26.17	-	-	-	-	-	-	-	-	-
		AVERAGE	**66.73**	**34.34**	**14.43**	**24.39**	-	-	-	-	-	-	-	-	

Analysis By

Vishal

Vishal Makwana

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:10/06/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
On Site 24 Hourly Monitoring Results	
Sample Type	**AMBIENT AIR QUALITY MONITORING**
Location Name	**Project Site**

Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	02.05.2024	03.05.2024	69.88	34.16	15.09	28.23	-	-	-	-	-	-	-	-	-
2	06.05.2024	07.05.2024	66.21	31.66	14.01	24.41	-	-	-	-	-	-	-	-	-
3	09.05.2024	10.05.2024	68.37	33.74	16.24	27.06	-	-	-	-	-	-	-	-	-

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4.	13.05.2024	14.05.2024	70.08	36.24	13.27	30.88	-	-	-	-	-	-	-	-	-
5	16.05.2024	17.05.2024	71.65	32.08	17.21	27.06	-	-	-	-	-	-	-	-	-
6	20.05.2024	21.05.2024	65.49	30.83	12.36	23.27	-	-	-	-	-	-	-	-	-
7	23.05.2024	24.05.2024	72.50	37.08	18.36	31.11	-	-	-	-	-	-	-	-	-
8.	27.05.2024	28.05.2024	74.82	35.83	14.74	33.82	19.21	14.25	0.26	BQL (QL=2.5)	BQL (QL=0.5) -	BQL (QL=0.001 -	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)
AVERAGE			**69.88**	**33.95**	**15.17**	**28.23**	-	-	-	-	-	-	-	-	-

Analysis By

Vishal Makvana

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

4	13.05.2024	14.05.2024	66.11	31.24	13.27	29.11	-	-	-	-	-	-	-	-	-
5	16.05.2024	17.05.2024	69.58	36.24	15.02	26.40	-	-	-	-	-	-	-	-	-
6	20.05.2024	21.05.2024	66.48	34.16	13.59	23.23	-	-	-	-	-	-	-	-	-
7	23.05.2024	24.05.2024	71.44	37.08	16.36	28.23	-	-	-	-	-	-	-	-	-
8	27.05.2024	28.05.2024	68.61	33.74	14.04	30.23	15.75	14.25	0.40	BQL (QL-2.5)	BQL (QL=0.5)	BQL (QL=0.001	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)
AVERAGE			66.88	34.21	13.82	26.27	-	-							

Analysis By

Vishal Makwana

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:10/06/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
On Site 24 Hourly Monitoring Results	
Sample Type	**AMBIENT AIR QUALITY MONITORING**
Location Name	**Zarapara Village**

Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	02.05.2024	03.05.2024	68.41	32.91	11.91	23.79	-	-	-	-	-	-	-	-	-
2	06.05.2024	07.05.2024	65.26	30.83	14.36	24.70	-	-	-	-	-	-	-	-	-
3	09.05.2024	10.05.2024	67.93	33.74	15.55	27.06	-	-	-	-	-	-	-	-	-

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4	13.05.2024	14.05.2024	70.02	36.24	12.27	22.22	–	–	–	–	–	–	–	–	–
5	16.05.2024	17.05.2024	72.49	31.66	13.70	25.88	–	–	–	–	–	–	–	–	–
6	20.05.2024	21.05.2024	66.16	34.58	16.31	28.23	–	–	–	–	–	–	–	–	–
7	23.05.2024	24.05.2024	63.86	32.08	14.19	26.14	–	–	–	–	–	–	–	–	–
8.	27.05.2024	28.05.2024	71.62	35.83	17.76	28.75	17.63	21.37	0.40	BQL (QL-2.5)	BQL (QL=0.5)	BQL (QL=0.001	BQL (QL=5)	BQL (QL=1)	BQ - (QL=1)
AVERAGE			**68.22**	**33.48**	**14.51**	**25.85**	-	-							

Analysis By

Vishal Makwana

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:10/06/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
On Site 24 Hourly Monitoring Results	
Sample Type	**AMBIENT AIR QUALITY MONITORING**
Location Name	**Navinal Village**

Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	02.05.2024	03.05.2024	67.58	32.91	14.47	25.58	-	-	-	-	-	-	-	-	-
2	06.05.2024	07.05.2024	64.02	34.16	13.00	23.00	-	-	-	-	-	-	-	-	-
3	09.05.2024	10.05.2024	68.34	35.41	15.94	25.88	-	-	-	-	-	-	-	-	-

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date:10/06/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
On Site 24 Hourly Monitoring Results	
Sample Type	**AMBIENT AIR QUALITY MONITORING**
Location Name	**Shiracha Village**

Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	02.05.2024	03.05.2024	65.73	33.33	12.35	25.00	-	-	-	-	-	-	-	-	-
2	06.05.2024	07.05.2024	64.30	35.83	14.18	24.05	-	-	-	-	-	-	-	-	-
3.	09.05.2024	10.05.2024	62.78	32.08	11.66	27.45	-	-	-	-	-	-	-	-	-

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4	13.05.2024	14.05.2024	62.17	31.24	12.27	21.17	-	-	-	-	-	-	-	-	-
5	16.05.2024	17.05.2024	70.04	36.24	16.20	26.14	-	-	-	-	-	-	-	-	-
6	20.05.2024	21.05.2024	65.46	33.74	11.96	24.11	-	-	-	-	-	-	-	-	-
7	23.05.2024	24.05.2024	69.25	37.08	14.90	23.82	-	-	-	-	-	-	-	-	-
8	27.05.2024	28.05.2024	71.65	34.99	18.25	28.75	16.06	17.09	0.38	BQL (QL=2.5)	BQL (QL=0.5)	BQL (QL=0.001)	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)
AVERAGE			67.31	34.47	14.62	24.81	-	-	-	-	-	-	-	-	-

Analysis By

Vishal Makwana

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 06/07/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name	Kutch Copper Limited
On Site 24 Hourly Monitoring Results	
Sample Type	AMBIENT AIR QUALITY MONITORING
Location Name	Navinal Village

Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	03.06.2024	04.06.2024	62.04	36.24	15.55	25.64	–	–	–	–	–	–	–	–	–
2	06.06.2024	07.06.2024	65.30	39.16	13.74	23.83	–	–	–	–	–	–	–	–	–
3	10.06.2024	11.06.2024	61.81	32.08	11.72	26.16	–	–	–	–	–	–	–	–	–

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

4	13.06.2024	14.06.2024	69.02	36.24	15.50	27.10	–	–	–	–	–	–	–	–	–
5	17.06.2024	18.06.2024	66.49	33.74	12.78	23.89	–	–	–	–	–	–	–	–	–
6	20.06.2024	21.06.2024	68.04	35.41	15.03	26.51	–	–	–	–	–	–	–	–	–
7	24.06.2024	25.06.2024	63.82	32.91	16.87	28.26	17.45	16.81	0.40	BQL (QL-2.5)	BQL (QL=0.5)	BQL (QL=0.001	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)
8	27.06.2024	28.06.2024	62.05	31.66	17.40	26.80									
AVERAGE			**65.86**	**33.43**	**14.09**	**25.24**	–	–	–	–	–	–	–	–	–

Analysis By

Anurag Kr.

Anurag Kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:06/07/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name			**Kutch Copper Limited**												
On Site 24 Hourly Monitoring Results															
Sample Type			**AMBIENT AIR QUALITY MONITORING**												
Location Name			**Zarapara Village**												
Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	03.06.2024	04.06.2024	65.38	32.08	11.70	22.43	–	–	–	–	–	–	–	–	–
2	06.06.2024	07.06.2024	64.45	31.24	10.31	21.85	–	–	–	–	–	–	–	–	–
3	10.06.2024	11.06.2024	67.60	34.16	13.14	25.06	–	–	–	–	–	–	–	–	–

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date:06/07/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
On Site 24 Hourly Monitoring Results	
Sample Type	**AMBIENT AIR QUALITY MONITORING**
Location Name	**Shiracha Village**

Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	03.06.2024	04.06.2024	64.06	31.24	11.34	23.96	–	–	–	–	–	–	–	–	–
2	06.06.2024	07.06.2024	67.10	34.58	13.39	27.42	–	–	–	–	–	–	–	–	–
3	10.06.2024	11.06.2024	65.40	32.08	12.38	25.92	–	–	–	–	–	–	–	–	–

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4	13.06.2024	14.06.2024	73.71	37.08	17.04	28.23	-	-	-	-	-	-	-	-	-
5	17.06.2024	18.06.2024	69.58	33.74	18.38	30.04	-	-	-	-	-	-	-	-	-
6	20.06.2024	21.06.2024	72.10	36.66	14.90	25.12	-	-	-	-	-	-	-	-	-
7	24.06.2024	25.06.2024	67.53	32.91	13.92	27.68	21.25	16.81	0.352	BQL (QL-2.5)	BQL (QL=0.5)	BQL (QL=0.001	BQL (QL=5)	BQL (QL=:)	BQL (QL=1)
8	27.06.2024	28.06.2024	71.35	34.16	15.74	32.63	-	-	-	-	-	-	-	-	-
AVERAGE			**70.60**	**35.10**	**16.27**	**28.26**	-	-	-	-	-	-	-	-	-

Analysis By

Anurag Kr.

Anurag Kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 06/07/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
On Site 24 Hourly Monitoring Results	
Sample Type	**AMBIENT AIR QUALITY MONITORING**
Location Name	**Project Site**

Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	03.06.2024	04.06.2024	68.05	34.58	16.35	27.19	-	-	-	-	-	-	-	-	-
2	06.06.2024	07.06.2024	70.52	36.24	18.63	28.75	-	-	-	-	-	-	-	-	-
3	10.06.2024	11.06.2024	71.95	35.41	15.18	26.42	-	-	-	-	-	-	-	-	-

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4	13.06.2024	14.06.2024	67.60	33.74	14.80	24.76	–	–	–	–	–	–	–	–	–
5	17.06.2024	18.06.2024	63.39	30.41	12.38	26.16	–	–	–	–	–	–	–	–	–
6	20.06.2024	21.06.2024	59.12	27.08	15.03	28.55	–	–	–	–	–	–	–	–	–
7	24.06.2024	25.06.2024	66.69	34.16	13.21	25.12	16.81	15.41	0.38	BQL (QL-2.5)	BQL (QL=0.5)	BQL (QL=0.001	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)
8	27.06.2024	28.06.2024	68.28	29.99	12.07	23.57	–	–	–	–	–	–	–	–	–
AVERAGE			**64.28**	**32.86**	**13.56**	**25.47**	–	–	–	–	–	–	–	–	–

Analysis By

Anurag Kr.

Anurag Kumar

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4	13.06.2024	14.06.2024	62.88	35.83	14.27	26.43	–	–	–	–	–	–	–	–	–
5	17.06.2024	18.06.2024	66.11	37.08	15.62	28.58	–	–	–	–	–	–	–	–	–
6	20.06.2024	21.06.2024	68.04	33.74	17.31	27.46	–	–	–	–	–	–	–	–	–
7	24.06.2024	25.06.2024	63.59	36.66	16.07	29.25	17.13	16.81	0.39	BQL (QL-2.5)	BQL (QL=0.5)	BQL (QL=0.001)	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)
8	27.06.2024	28.06.2024	65.95	32.91	13.95	28.00	–	–	–	–	–	–	–	–	–
AVERAGE			**65.39**	**34.26**	**14.29**	**27.13**	–	–	–	–	–	–	–	–	–

Analysis By

Anurag Kr.

Anurag Kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

END

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 06/08/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
On Site 24 Hourly Monitoring Results	
Sample Type	**AMBIENT AIR QUALITY MONITORING**
Location Name	**Navinal Village**

Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	01.07.2024	02.07.2024	51.40	25.83	9.90	18.48	-	-	-	-	-	-	-	-	-
2	04.07.2024	05.07.2024	53.33	26.24	9.09	17.03	-	-	-	-	-	-	-	-	-
3	08.07.2024	09.07.2024	54.80	27.08	8.70	16.17	-	-	-	-	-	-	-	-	-

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4	11.07.2024	12.07.2024	56.54	28.33	10.01	19.25	–	–	–	–	–	–	–	–	–
5	15.07.2024	16.07.2024	56.71	27.91	9.87	18.73	–	–	–	–	–	–	–	–	–
6	18.07.2024	19.07.2024	53.90	26.24	9.05	17.45	–	–	–	–	–	–	–	–	–
7	22.07.2024	23.07.2024	50.54	25.41	8.26	16.17	–	–	–	–	–	–	–	–	–
8	25.07.2024	26.07.2024	52.06	25.83	8.68	17.19	–	–	–	–	–	–	–	–	–
9	29.07.2024	30.07.2024	47.52	23.33	8.20	15.88	15.12	14.13	0.383	BQL (QL-2.5)	BQL (QL=0.5)	BQL (QL=0.001	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)
AVERAGE			**52.98**	**26.24**	**9.08**	**17.37**	–	–	–	–	–	–	–	–	–

Analysis By

Anurag K.r

Anurag kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:06/08/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name			**Kutch Copper Limited**												
On Site 24 Hourly Monitoring Results															
Sample Type			**AMBIENT AIR QUALITY MONITORING**												
Location Name			**Zarapara Village**												
Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	01.07.2024	02.07.2024	50.27	25.00	9.15	17.96	–	–	–	–	–	–	–	–	–
2	04.07.2024	05.07.2024	51.22	26.24	8.24	16.42	–	–	–	–	–	–	–	–	–
3	08.07.2024	09.07.2024	47.84	24.16	7.60	15.40	–	–	–	–	–	–	–	–	–

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4	11.07.2024	12.07.2024	55.44	27.91	9.90	18.48	–	–	–	–	–	–	–	–	–
5	15.07.2024	16.07.2024	52.55	26.24	9.10	17.96	–	–	–	–	–	–	–	–	–
6	18.07.2024	19.07.2024	50.48	25.00	8.55	16.17	–	–	–	–	–	–	–	–	–
7	22.07.2024	23.07.2024	48.40	23.75	8.24	15.88	–	–	–	–	–	–	–	–	–
8	25.07.2024	26.07.2024	51.13	25.83	9.31	17.61	–	–	–	–	–	–	–	–	–
9	29.07.2024	30.07.2024	45.15	23.33	7.75	14.88	15.44	14.13	0.378	BQL (QL-2.5)	BQL (QL=0.5)	BQL (QL=0.001	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)
AVERAGE			**50.27**	**25.27**	**8.65**	**16.75**	–	–	–	–	–	–	–	–	–

Analysis By

Anurag kumar

Approved By

Ramakant Panday

END

Go Green Mechanisms Pvt.Ltd.

Reporting Date:06/08/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
On Site 24 Hourly Monitoring Results	
Sample Type	**AMBIENT AIR QUALITY MONITORING**
Location Name	**Shiracha Village**

Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	01.07.2024	02.07.2024	49.66	25.00	9.94	19.63	–	–	–	–	–	–	–	–	–
2	04.07.2024	05.07.2024	52.25	26.66	10.42	18.48	–	–	–	–	–	–	–	–	–
3	08.07.2024	09.07.2024	53.98	27.08	8.66	15.40	–	–	–	–	–	–	–	–	–

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4	11.07.2024	12.07.2024	57.71	28.74	9.90	18.76	–	–	–	–	–	–	–	–	–
5	15.07.2024	16.07.2024	55.21	27.49	8.75	16.17	–	–	–	–	–	–	–	–	–
6	18.07.2024	19.07.2024	51.64	25.83	8.26	15.88	–	–	–	–	–	–	–	–	–
7	22.07.2024	23.07.2024	48.32	24.58	7.63	14.37	–	–	–	–	–	–	–	–	–
8	25.07.2024	26.07.2024	49.36	25.41	9.31	18.48	–	–	–	–	–	–	–	–	–
9	29.07.2024	30.07.2024	45.33	22.91	7.92	15.30	14.80	13.84	0.355	BQL (QL-2.5)	BQL (QL=0.5)	BQL (QL=0.001)	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)
AVERAGE			**51.50**	**25.97**	**8.98**	**16.94**	–	–	–	–	–	–	–	–	–

Analysis By

Anurag K.r

Anurag kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

END

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 06/08/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
On Site 24 Hourly Monitoring Results	
Sample Type	**AMBIENT AIR QUALITY MONITORING**
Location Name	**Project Site**

Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	01.07.2024	02.07.2024	52.58	26.66	11.31	21.65	–	–	–	–	–	–	–	–	–
2	04.07.2024	05.07.2024	56.58	27.91	12.25	22.58	–	–	–	–	–	–	–	–	–
3	08.07.2024	09.07.2024	59.72	30.41	10.36	20.79	–	–	–	–	–	–	–	–	–

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4	11.07.2024	12.07.2024	60.12	29.16	9.90	19.25	–	–	–	–	–	–	–	–	–
5	15.07.2024	16.07.2024	58.20	28.33	9.45	18.73	–	–	–	–	–	–	–	–	–
6	18.07.2024	19.07.2024	55.70	27.08	8.94	17.45	–	–	–	–	–	–	–	–	–
7	22.07.2024	23.07.2024	50.15	25.41	7.93	15.40	–	–	–	–	–	–	–	–	–
8	25.07.2024	26.07.2024	52.11	26.24	8.62	16.45	–	–	–	–	–	–	–	–	–
9	29.07.2024	30.07.2024	54.40	27.08	8.27	15.40	15.66	14.13	0.361	BQL (QL-2.5)	BQL (QL=0.5)	BQL (QL=0.001	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)
AVERAGE			**55.51**	**27.59**	**9.67**	**18.63**	–	–	–	–	–	–	–	–	–

Analysis By

Anurag Kr

Anurag Kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 30/08/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
On Site 24 Hourly Monitoring Results	
Sample Type	**AMBIENT AIR QUALITY MONITORING**
Location Name	**Project Site**

Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	01.08.2024	02.08.2024	50.16	25.00	9.31	17.30	–	–	–	–	–	–	–	–	–
2	05.08.2024	06.08.2024	55.88	27.91	10.51	19.88	14.30	13.20	0.246	BQL (QL=2.5)	BQL (QL=0.5)	BQL (QL=0.001)	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)
3	08.08.2024	09.08.2024	58.43	29.58	11.13	20.87	–	–	–	–	–	–	–	–	–

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4	12.08.2024	13.08.2024	57.51	28.74	10.17	18.82	-	-	-	-	-	-	-	-	-
5	15.08.2024	16.08.2024	60.45	30.41	12.03	21.77	-	-	-	-	-	-	-	-	-
6	19.08.2024	20.08.2024	64.52	31.66	13.22	23.06	-	-	-	-	-	-	-	-	-
7	22.08.2024	23.08.2024	67.20	32.91	14.05	25.35	-	-	-	-	-	-	-	-	-
AVERAGE			**59.16**	**29.46**	**11.49**	**21.01**	-	-	-	-	-	-	-	-	-

Analysis By

Anurag Kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:30/08/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
On Site 24 Hourly Monitoring Results	
Sample Type	**AMBIENT AIR QUALITY MONITORING**
Location Name	**Siracha Village**

Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	01.08.2024	02.08.2024	46.30	23.33	8.53	17.59	–	–	–	–	–	–	–	–	–
2	05.05.2024	06.08.2024	48.66	24.16	9.70	18.03	17.20	15.60	0.228	BQL (QL-2.5)	BQL (QL=0.5)	BQL (QL=0.001	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)
3	08.08.2024	09.08.2024	51.63	25.83	10.44	19.68	–	–	–	–	–	–	–	–	–

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4	12.08.2024	13.08.2024	49.71	25.00	9.83	18.82	-	-	-	-	-	-	-	-	-
5	15.08.2024	16.08.2024	52.66	26.24	10.02	19.09	-	-	-	-	-	-	-	-	-
6	19.08.2024	20.08.2024	55.88	27.08	11.06	20.28	-	-	-	-	-	-	-	-	-
7	22.08.2024	23.08.2024	57.70	29.16	11.71	21.21	-	-	-	-	-	-	-	-	-
AVERAGE			**51.79**	**25.83**	**10.18**	**19.24**	-	-	-	-	-	-	-	-	-

Analysis By

Anurag Kr

Anurag kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

END

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 30/08/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
On Site 24 Hourly Monitoring Results	
Sample Type	**AMBIENT AIR QUALITY MONITORING**
Location Name	**Navinal Village**

Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	01.08.2024	02.08.2024	49.02	24.58	8.71	17.30	–	–	–	–	–	–	–	–	–
2	05.08.2024	06.08.2024	53.81	25.41	10.00	19.38	14.30	12.60	0.248	BQL (QL-2.5)	BQL (QL=0.5)	BQL (QL=0.001	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)
3	08.08.2024	09.08.2024	55.45	27.91	11.35	20.15	–	–	–	–	–	–	–	–	–

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4	12.08.2024	13.08.2024	54.22	26.24	10.68	18.56	–	–	–	–	–	–	–	–	–
5	15.08.2024	16.08.2024	57.01	28.33	11.14	20.87	–	–	–	–	–	–	–	–	–
6	19.08.2024	20.08.2024	60.50	30.41	11.86	19.38	–	–	–	–	–	–	–	–	–
7	22.08.2024	23.08.2024	62.43	31.24	12.14	20.87	–	–	–	–	–	–	–	–	–
AVERAGE			**56.06**	**27.73**	**10.84**	**19.50**	–	–	–	–	–	–	–	–	–

Analysis By

Anurag K.r

Anurag kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:30/08/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name			**Kutch Copper Limited**												
On Site 24 Hourly Monitoring Results															
Sample Type			**AMBIENT AIR QUALITY MONITORING**												
Location Name			**Zarpara Village**												
Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	01.08.2024	02.08.2024	48.71	24.16	8.67	17.23	–	–	–	–	–	–	–	–	–
2	05.08.2024	06.08.2024	50.31	25.41	9.34	18.03	16.50	14.90	0.206	BQL (QL=2.5)	BQL (QL=0.5)	BQL (QL=0.001	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)

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3	08.08.2024	09.08.2024	51.05	26.66	10.21	20.15	–	–	–	–	–	–	–	–	–
4	12.08.2024	13.08.2024	50.75	25.83	9.83	19.38	–	–	–	–	–	–	–	–	–
5	15.08.2024	16.08.2024	54.31	27.08	11.22	21.21	–	–	–	–	–	–	–	–	–
6	19.08.2024	20.08.2024	58.00	28.74	11.70	22.07	–	–	–	–	–	–	–	–	–
7	22.08.2024	23.08.2024	61.46	30.41	12.14	22.96	–	–	–	–	–	–	–	–	–
AVERAGE			**53.52**	**26.90**	**10.45**	**20.15**	–	–	–	–	–	–	–	–	–

Analysis By

Anurag K.r

Anurag kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 04/10/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name	Kutch Copper Limited
On Site 24 Hourly Monitoring Results	
Sample Type	AMBIENT AIR QUALITY MONITORING
Location Name	Project Site

Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	02.09.2024	03.09.2024	61.55	30.41	9.84	18.68	16.19	15.00	0.372	BQL (QL-2.5)	BQL (QL=0.5)	BQL (QL=0.001	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)
2	05.09.2024	06.09.2024	65.60	32.08	12.08	21.72	–	–	–	–	–	–	–	–	–
3	09.09.2024	10.09.2024	62.27	31.66	10.35	20.12	–	–	–	–	–	–	–	–	–

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4	12.09.2024	13.09.2024	68.54	33.74	12.80	24.53	-	-	-	-	-	-	-	-	-
5	16.09.2024	17.09.2024	64.71	32.49	11.10	21.20	-	-	-	-	-	-	-	-	-
6	19.09.2024	20.09.2024	69.64	34.16	13.26	23.28	-	-	-	-	-	-	-	-	-
7	23.09.2024	24.09.2024	71.14	35.83	14.02	25.04	-	-	-	-	-	-	-	-	-
8	26.09.2024	27.09.2024	70.31	34.99	13.52	23.57	-	-	-	-	-	-	-	-	-
9	30.09.2024	01.10.2024	67.52	33.33	12.03	21.97	-	-	-	-	-	-	-	-	-
AVERAGE			**66.81**	**33.19**	**12.11**	**22.23**	-	-	-	-	-	-	-	-	-

Analysis By

Anurag Kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:04/10/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name	Kutch Copper Limited
On Site 24 Hourly Monitoring Results	
Sample Type	AMBIENT AIR QUALITY MONITORING
Location Name	Siracha Village

Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	02.09.2024	03.09.2024	50.63	25.41	9.89	17.88	14.92	13.87	0.367	BQL (QL-2.5)	BQL (QL=0.5)	BQL (QL=0.001)	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)
2	05.09.2024	06.09.2024	55.45	27.49	10.74	19.26	–	–	–	–	–	–	–	–	–
3	09.09.2024	10.09.2024	53.50	26.24	9.27	17.37	–	–	–	–	–	–	–	–	–

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4	12.09.2024	13.09.2024	57.62	28.33	11.02	20.12	-	-	-	-	-	-	-	-	-
5	16.09.2024	17.09.2024	52.51	26.66	10.21	19.54	-	-	-	-	-	-	-	-	-
6	19.09.2024	20.09.2024	58.38	29.16	11.83	21.27	-	-	-	-	-	-	-	-	-
7	23.09.2024	24.09.2024	64.12	32.08	12.10	24.14	-	-	-	-	-	-	-	-	-
8	26.09.2024	27.09.2024	62.67	31.24	11.61	23.25	-	-	-	-	-	-	-	-	-
9	30.09.2024	01.10.2024	60.42	30.41	10.87	20.69	-	-	-	-	-	-	-	-	-
AVERAGE			**57.26**	**28.56**	**10.84**	**20.39**	-	-	-	-	-	-	-	-	-

Analysis By

Anurag kumar

Approved By

Ramakant Panday

END

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 04/10/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
On Site 24 Hourly Monitoring Results	
Sample Type	**AMBIENT AIR QUALITY MONITORING**
Location Name	**Navinal Village**

Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	02.09.2024	03.09.2024	51.14	25.83	9.14	18.39	15.44	14.25	0.392	BQL (QL-2.5)	BQL (QL=0.5)	BQL (QL=0.001	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)
2	05.09.2024	06.09.2024	54.08	26.66	11.27	19.93	-	-	-	-	-	-	-	-	-
3	09.09.2024	10.09.2024	56.30	28.33	10.42	20.69	-	-	-	-	-	-	-	-	-

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4	12.09.2024	13.09.2024	60.50	30.41	12.00	21.72	-	-	-	-	-	-	-	-	-
5	16.09.2024	17.09.2024	55.63	27.49	10.60	20.12	-	-	-	-	-	-	-	-	-
6	19.09.2024	20.09.2024	61.16	30.83	11.69	22.23	-	-	-	-	-	-	-	-	-
7	23.09.2024	24.09.2024	65.08	32.91	12.41	24.53	-	-	-	-	-	-	-	-	-
8	26.09.2024	27.09.2024	63.32	32.08	11.78	23.28	-	-	-	-	-	-	-	-	-
9	30.09.2024	01.10.2024	62.56	31.24	11.05	22.48	-	-	-	-	-	-	-	-	-
AVERAGE			**58.86**	**29.53**	**11.15**	**21.48**	-	-	-	-	-	-	-	-	-

Analysis By

Anurag kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:04/10/2024

AMBIENT AIR QUALITY ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
On Site 24 Hourly Monitoring Results	
Sample Type	**AMBIENT AIR QUALITY MONITORING**
Location Name	**Jarpra Village**

Sr. No.	Parameters		PM (<10)	PM (<2.5)	SO_2	NO_2	O_3	NH_3	CO	Benzene	B@P	Pb	Ni	As	Hg
	Unit		µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	ng/m3	µg/m3	ng/m3	ng/m3	ng/m3
	Test Method		IS 5182-Part23	GGMPL/SOP/AA/60	IS 5182-Part 2	IS 5182-Part 6	IS 5182-Part 9	GGMPL/SOP/AA/62	IS 5182-Part 10	IS 5182-Part- 11	IS 5182-Part -12	Method IO-3.4	Method IO-3.4	Method IO-3.4	Method IO-3.4
	NAAQ Standards		100	60	80	80	180	400	4	5	1	1	20	6	-
	Sampling Start Date	Sampling End Date													
1	02.09.2024	03.09.2024	49.40	24.58	9.73	17.88	15.54	14.31	0.390	BQL (QL-2.5)	BQL (QL=0.5)	BQL (QL=0.001	BQL (QL=5)	BQL (QL=1)	BQL (QL=1)
2	05.09.2024	06.09.2024	53.54	25.83	10.02	18.39	–	–	–	–	–	–	–	–	–
3	09.09.2024	10.09.2024	55.25	27.08	10.45	19.16	–	–	–	–	–	–	–	–	–

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4	12.09.2024	13.09.2024	57.51	28.74	11.02	21.84	-	-	-	-	-	-	-	-	-
5	16.09.2024	17.09.2024	54.60	27.49	10.34	20.18	-	-	-	-	-	-	-	-	-
6	19.09.2024	20.09.2024	59.61	29.58	11.29	21.97	-	-	-	-	-	-	-	-	-
7	23.09.2024	24.09.2024	63.15	32.08	12.10	23.28	-	-	-	-	-	-	-	-	-
8	26.09.2024	27.09.2024	61.29	31.24	11.64	22.23	-	-	-	-	-	-	-	-	-
9	30.09.2024	01.10.2024	58.11	29.16	10.69	20.44	-	-	-	-	-	-	-	-	-
AVERAGE			**56.94**	**28.42**	**10.81**	**20.60**	-	-	-	-	-	-	-	-	-

Analysis By

Anurag kumar

Approved By

Ramakant Panday

.....END.....

ANNEXURE-2

GROUND WATER ANALYSIS REPORTS

(April 2024-September 2024)

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 07/05/2024

WATER ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
Sample Type	Water
Sample Quantity	6 L
Date of Sampling	29/04/2024
Analysis Period	30/04/2024 to 06/05/2024

Sl. No.	Parameter	Unit	Location			Test Method	IS 10500:2012	
			Novinal Village (BW)	Siracha village (BW)	Zarapara Village (BW)		AL	PL
1.	pH@25 °C	-	7.23	7.73	7.69	IS 3025-Part11	6.5-8.5	No relaxation
2.	Turbidity	NTU	BQL (QL=0.1)	BQL (QL=0.1)	BQL (QL=0.1)	APHA 23rdEdn(2130 B)	1	5
3.	Total Dissolved Solids	mg/L	1984.0	2148.0	2870.0	APHA23rd Edn(2540 C)	500	2000
4.	Total Hardness as CaCO3	mg/L	452.0	272.0	324.0	APHA23rd Edn(2340 C)	200	600
5.	Alkalinity as CaCO3	mg/L	410.0	404.0	418.0	APHA23rd Edn (2230B)	200	600
6.	Calcium as Ca	mg/L	78.56	47.29	55.31	APHA23rdEdn (3500Ca B)	75	200
7.	Chloride	mg/L	1087.16	1129.65	1229.62	IS 3025-Part 32	250	1000
8.	Sulphate	mg/L	86.30	81.22	75.69	APHA23rdEdn (4500SO_4E)	200	400
9.	Nitrate	mg/L	5.34	1.27	1.97	APHA23rdEdn (4500NO_3B)	45	No relaxation
10.	Iron	mg/L	0.347	0.106	0.199	APHA 23rdEdn(3120 B)	0.3	No relaxation
11.	Fluoride	mg/L	0.91	0.75	0.86	APHA 23rdEdn(4500 F D)	1	1.5
12.	Hexavalent Chromium as Cr6+	mg/L	BQL (QL=0.01)	BQL (QL=0.01)	BQL (QL=0.01)	APHA 23rdEdn(3500Cr B)	NS	NS

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13.	Zinc (Zn)	mg/L	BQL (QL=0.02)	BQL (QL=0.02)	BQL (QL=0.02)	APHA 23rdEdn(3120 B)	5	15
14.	Magnesium (Mg)	mg/L	62.21	37.42	43.74	APHA23rdEdn(3500MgB)	30	100
15.	Residual Chlorine	mg/L	BQL (QL=0.05)	BQL (QL=0.05)	BQL (QL=0.05)	APHA23rdEdn(4500Cl B)	0.2	1.0
16.	Colour	CU	BQL (QL=1)	BQL (QL=1)	BQL (QL=1)	IS 3025-Part 4	5	15
17.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025-Part 5	Agreeable	Agreeable
18.	Temperature	°C	27.0	26.9	26.5	APHA23rdEdn (2550B)	NS	NS
19.	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025-Part7,8	Agreeable	Agreeable
20.	Phenolic Compounds	mg/L	BQL (QL=0.001)	BQL (QL=0.001)	BQL (QL=0.001)	IS 3025- Part 43	0.001	0.002
21.	Cyanide	mg/L	BQL (QL=0.025)	BQL (QL=0.025)	BQL (QL=0.025)	GGMPL/SOP/W/43	0.05	No relaxation
22.	Aluminium (Al)	mg/L	0.05	0.045	0.055	APHA23rdEdn (3120 B)	0.03	0.2
23.	Arsenic (As)	mg/L	BQL (QL=0.005)	BQL (QL=0.005)	BQL (QL=0.005)	APHA23rdEdn (3120 B)	0.01	0.05
24.	Boron (B)	mg/L	0.541	0.632	0.841	APHA23rdEdn (3120 B)	0.5	1.0
25.	Cadmium (Cd)	mg/L	BQL (QL=0.002)	BQL (QL=0.002)	BQL (QL=0.002)	APHA23rdEdn (3120 B)	0.003	No relaxation
26.	Copper (Cu)	mg/L	BQL (QL=0.02)	BQL (QL=0.02)	BQL (QL=0.02)	APHA23rdEdn (3120 B)	0.05	1.5
27.	Lead (Pb)	mg/L	BQL (QL=0.005)	BQL (QL=0.005)	BQL (QL=0.005)	APHA23rdEdn (3120 B)	0.01	No relaxation
28.	Manganese (Mn)	mg/L	BQL (QL=0.05)	BQL (QL=0.05)	BQL (QL=0.05)	APHA23rdEdn (3120 B)	0.1	0.3
29.	Mercury (Hg)	mg/L	BQL (QL=0.0005)	BQL (QL=0.0005)	BQL (QL=0.0005)	APHA23rdEdn (3112 B)	0.001	No relaxation
30.	Selenium (Se)	mg/L	BQL (QL=0.005)	BQL (QL=0.005)	BQL (QL=0.005)	APHA23rdEdn (3120 B)	0.01	No relaxation

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31.	Anionic Surface Active Agents	mg/L	BQL (QL=0.05)	BQL (QL=0.05)	BQL (QL=0.05)	APHA23rdEdn (5540 C)	0.2	1.0
32.	E.coli	-	Absent	Absent	Absent	IS 1622	Absent	-
33.	Total Coliform	-	Absent	Absent	Absent	IS 1622	Absent	-

BQL - Below Quantification Limit

Analysis By
Vishal Makwana

GO GREEN MECHANISMS PVT. LTD.

Approved By
Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:05/06/2024

WATER ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
Sample Type	Water
Sample Quantity	5 L
Date of Sampling	27.05.2024
Analysis Period	28.05.2024 to 04.06.2024

Sl. No.	Parameter	Unit	Location			Test Method	IS 10500:2012	
			Novinal Village (GW)	Siracha village (GW)	Zarapara Village (GW)		AL	PL
1.	pH@25 °C	-	7.68	7.70	7.18	IS 3025-Part11	6.5-8.5	No relaxation
2.	Turbidity	NTU	BQL (QL=0.1)	BQL (QL=0.1)	BQL (QL=0.1)	APHA 23rdEdn(2130 B)	1	5
3.	Total Dissolved Solids	mg/L	2280.0	1658.0	3240.0	APHA23rd Edn(2540 C)	500	2000
4.	Total Hardness as CaCO3	mg/L	380.0	310.0	352.0	APHA23rd Edn(2340 C)	200	600
5.	Alkalinity as CaCO3	mg/L	290.00	220.00	400.0	APHA23rd Edn (2230B)	200	600
6.	Calcium as Ca	mg/L	61.43	48.10	43.69	APHA23rdEdn (3500Ca B)	75	200
7.	Chloride	mg/L	1194.63	607.31	1402.07	IS 3025-Part 32	250	1000
8.	Sulphate	mg/L	90.07	130.21	97.90	APHA23rdEdn (4500SO_4E)	200	400
9.	Nitrate	mg/L	3.54	5.16	3.54	APHA23rdEdn (4500NO_3B)	45	No relaxation
10.	Iron	mg/L	0.23	0.102	0.2	APHA 23rdEdn(3120 B)	0.3	No relaxation
11.	Fluoride	mg/L	0.65	0.52	0.59	APHA 23rdEdn(4500 F D)	1	1.5
12.	Hexavalent Chromium as Cr6+	mg/L	BQL (QL=0.01)	BQL (QL=0.01)	BQL (QL=0.01)	APHA 23rdEdn(3500Cr B)	NS	NS

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13.	Zinc (Zn)	mg/L	BQL (QL=0.02)	BQL (QL=0.02)	BQL (QL=0.02)	APHA 23rdEdn(3120 B)	5	15
14.	Magnesium (Mg)	mg/L	53.46	46.17	59.05	APHA23rdEdn(3500MgB)	30	100
15.	Residual Chlorine	mg/L	BQL (QL=0.05)	BQL (QL=0.05)	BQL (QL=0.05)	APHA23rdEdn(4500Cl B)	0.2	1.0
16.	Colour	CU	BQL (QL=1)	BQL (QL=1)	BQL (QL=1)	IS 3025-Part 4	5	15
17.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025-Part 5	Agreeable	Agreeable
18.	Temperature	°C	26.3	27.0	26.8	APHA23rdEdn (2550B)	NS	NS
19.	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025-Part7,8	Agreeable	Agreeable
20.	Phenolic Compounds	mg/L	BQL (QL=0.001)	BQL (QL=0.001)	BQL (QL=0.001)	IS 3025- Part 43	0.001	0.002
21.	Cyanide	mg/L	BQL (QL=0.025)	BQL (QL=0.025)	BQL (QL=0.025)	GGMPL/SOP/W/43	0.05	No relaxation
22.	Aluminium (Al)	mg/L	0.06	0.04	0.087	APHA23rdEdn (3120 B)	0.03	0.2
23.	Arsenic (As)	mg/L	BQL (QL=0.005)	BQL (QL=0.005)	BQL (QL=0.005)	APHA23rdEdn (3120 B)	0.01	0.05
24.	Boron (B)	mg/L	0.428	0.89	0.72	APHA23rdEdn (3120 B)	0.5	1.0
25.	Cadmium (Cd)	mg/L	BQL (QL=0.002)	BQL (QL=0.002)	BQL (QL=0.002)	APHA23rdEdn (3120 B)	0.003	No relaxation
26.	Copper (Cu)	mg/L	BQL (QL=0.02)	BQL (QL=0.02)	BQL (QL=0.02)	APHA23rdEdn (3120 B)	0.05	1.5
27.	Lead (Pb)	mg/L	BQL (QL=0.005)	BQL (QL=0.005)	BQL (QL=0.005)	APHA23rdEdn (3120 B)	0.01	No relaxation
28.	Manganese (Mn)	mg/L	BQL (QL=0.05)	BQL (QL=0.05)	BQL (QL=0.05)	APHA23rdEdn (3120 B)	0.1	0.3
29.	Mercury (Hg)	mg/L	BQL (QL=0.0005)	BQL (QL=0.0005)	BQL (QL=0.0005)	APHA23rdEdn (3112 B)	0.001	No relaxation
30.	Selenium (Se)	mg/L	BQL (QL=0.005)	BQL (QL=0.005)	BQL (QL=0.005)	APHA23rdEdn (3120 B)	0.01	No relaxation

GO GREEN MECHANISMS PVT. LTD.

31.	Anionic Surface Active Agents	mg/L	BQL (QL=0.05)	BQL (QL=0.05)	BQL (QL=0.05)	APHA23rdEdn (5540 C)	0.2	1.0
32.	E.coli	-	Absent	Absent	Absent	IS 1622	Absent	-
33.	Total Coliform	-	Absent	Absent	Absent	IS 1622	Absent	-

BQL - Below Quantification Limit

Analysis By
Vishal Malwana

GO GREEN MECHANISMS PVT. LTD.

Approved By
Ramakant Pandey

END

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 06/07/2024

WATER ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
Sample Type	Water
Sample Quantity	6 L
Date of Sampling	24/06/2024
Analysis Period	25/06/2024 to 04/07/2024

Sl. No.	Parameter	Unit	Location			Test Method	IS 10500:2012	
			Nuvinal Village (RW)	Siracha village (BW)	Zarapara Village (DW)		AL	PL
1.	pH@25 °C	-	7.29	7.65	761	IS 3025-Part11	6.5-8.5	No relaxation
2.	Turbidity	NTU	BQL (QL=0.1)	BQL (QL=0.1)	BQL (QL=0.1)	APHA 23rdEdn(2130 B)	1	5
3.	Total Dissolved Solids	mg/L	1974.0	2094.0	2688.0	APHA23rd Edn(2540 C)	500	2000
4.	Total Hardness as CaCO3	mg/L	442.0	268.0	306.0	APHA23rd Edn(2340 C)	200	600
5.	Alkalinity as CaCO3	mg/L	406.0	402.0	396.0	APHA23rd Edn (2230B)	200	600
6.	Calcium as Ca	mg/L	81.76	50.50	77.95	APHA23rdEdn (3500Ca B)	75	200
7.	Chloride	mg/L	1072.0	1108.0	1206.0	IS 3025-Part 32	250	1000
8.	Sulphate	mg/L	82.41	79.61	74.63	APHA23rdEdn (4500SO_4E)	200	400
9.	Nitrate	mg/L	4.82	1.06	1.52	APHA23rdEdn (4500NO_3B)	45	No relaxation
10.	Iron	mg/L	0.326	0.118	0.174	APHA 23rdEdn(3120 B)	0.3	No relaxation
11.	Fluoride	mg/L	0.94	0.68	0.81	APHA 23rdEdn(4500 F D)	1	1.5
12.	Hexavalent Chromium as Cr6+	mg/L	BQL (QL=0.01)	BQL (QL=0.01)	BQL (QL=0.01)	APHA 23rdEdn(3500Cr B)	NS	NS

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13.	Zinc (Zn)	mg/L	BQL (QL=0.02)	BQL (QL=0.02)	BQL (QL=0.02)	APHA 23rdEdn(3120 B)	5	15
14.	Magnesium (Mg)	mg/L	57.83	34.51	49.57	APHA23rdEdn(3500MgB)	30	100
15.	Residual Chlorine	mg/L	BQL (QL=0.05)	BQL (QL=0.05)	BQL (QL=0.05)	APHA23rdEdn(4500Cl B)	0.2	1.0
16.	Colour	CU	BQL (QL=1)	BQL (QL=1)	BQL (QL=1)	IS 3025-Part 4	5	15
17.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025-Part 5	Agreeable	Agreeable
18.	Temperature	°C	27.6	27.2	26.8	APHA23rdEdn (2550B)	NS	NS
19.	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025-Part7,8	Agreeable	Agreeable
20.	Phenolic Compounds	mg/L	BQL (QL=0.001)	BQL (QL=0.001)	BQL (QL=0.001)	IS 3025- Part 43	0.001	0.002
21.	Cyanide	mg/L	BQL (QL=0.025)	BQL (QL=0.025)	BQL (QL=0.025)	GGMPL/SOP/W/43	0.05	No relaxation
22.	Aluminium (Al)	mg/L	0.08	0.041	0.049	APHA23rdEdn (3120 B)	0.03	0.2
23.	Arsenic (As)	mg/L	BQL (QL=0.005)	BQL (QL=0.005)	BQL (QL=0.005)	APHA23rdEdn (3120 B)	0.01	0.05
24.	Boron (B)	mg/L	0.535	0.594	0.798	APHA23rdEdn (3120 B)	0.5	1.0
25.	Cadmium (Cd)	mg/L	BQL (QL=0.002)	BQL (QL=0.002)	BQL (QL=0.002)	APHA23rdEdn (3120 B)	0.003	No relaxation
26.	Copper (Cu)	mg/L	BQL (QL=0.02)	BQL (QL=0.02)	BQL (QL=0.02)	APHA23rdEdn (3120 B)	0.05	1.5
27.	Lead (Pb)	mg/L	BQL (QL=0.005)	BQL (QL=0.005)	BQL (QL=0.005)	APHA23rdEdn (3120 B)	0.01	No relaxation
28.	Manganese (Mn)	mg/L	BQL (QL=0.05)	BQL (QL=0.05)	BQL (QL=0.05)	APHA23rdEdn (3120 B)	0.1	0.3
29.	Mercury (Hg)	mg/L	BQL (QL=0.0005)	BQL (QL=0.0005)	BQL (QL=0.0005)	APHA23rdEdn (3112 B)	0.001	No relaxation
30.	Selenium (Se)	mg/L	BQL (QL=0.005)	BQL (QL=0.005)	BQL (QL=0.005)	APHA23rdEdn (3120 B)	0.01	No relaxation

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31.	Anionic Surface Active Agents	mg/L	BQL (QL=0.05)	BQL (QL=0.05)	BQL (QL=0.05)	APHA23rdEdn (5540 C)	0.2	1.0
32.	E.coli	-	Absent	Absent	Absent	IS 1622	Absent	-
33.	Total Coliform	-	Absent	Absent	Absent	IS 1622	Absent	-

BQL - Below Quantification Limit

Analysis By
Anurag Kr.
Anurag Kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By
Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 09/08/2024

WATER ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
Sample Type	Water
Sample Quantity	6 L
Date of Sampling	31/07/2024
Analysis Period	01/08/2024 to 08/08/2024

Sl. No.	Parameter	Unit	Location			Test Method	IS 10500:2012	
			Novinal Village (BW)	Siracha village (BW)	Zarapara Village (BW)		AL	PL
1.	pH@25 °C	-	7.81	7.70	7.92	IS 3025-Part11	6.5-8.5	No relaxation
2.	Turbidity	NTU	BQL (QL=0.1)	BQL (QL=0.1)	BQL (QL=0.1)	APHA 23rdEdn(2130 B)	1	5
3.	Total Dissolved Solids	mg/L	1752.0	1658.0	2846.0	APHA23rd Edn(2540 C)	500	2000
4.	Total Hardness as CaCO3	mg/L	380.0	310.0	352.0	APHA23rd Edn(2340 C)	200	600
5.	Alkalinity as CaCO3	mg/L	290.00	110.00	400.00	APHA23rd Edn (2230B)	200	600
6.	Calcium as Ca	mg/L	64.1	48.1	43.7	APHA23rdEdn (3500Ca B)	75	200
7.	Chloride	mg/L	680.0	584.0	1268.0	IS 3025-Part 32	250	1000
8.	Sulphate	mg/L	90.1	130.2	97.9	APHA23rdEdn (4500SO_4E)	200	400
9.	Nitrate	mg/L	3.54	5.16	3.65	APHA23rdEdn (4500NO_3B)	45	No relaxation
10.	Iron	mg/L	0.352	0.116	0.204	APHA 23rdEdn(3120 B)	0.3	No relaxation
11.	Fluoride	mg/L	0.65	0.52	0.59	APHA 23rdEdn(4500 F D)	1	1.5
12.	Hexavalent Chromium as Cr6+	mg/L	BQL (QL=0.01)	BQL (QL=0.01)	BQL (QL=0.01)	APHA 23rdEdn(3500Cr B)	NS	NS

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

13.	Zinc (Zn)	mg/L	BQL (QL=0.02)	BQL (QL=0.02)	BQL (QL=0.02)	APHA 23rdEdn(3120 B)	5	15
14.	Magnesium (Mg)	mg/L	53.46	46.17	59.05	APHA23rdEdn(3500MgB)	30	100
15.	Residual Chlorine	mg/L	BQL (QL=0.05)	BQL (QL=0.05)	BQL (QL=0.05)	APHA23rdEdn(4500Cl B)	0.2	1.0
16.	Colour	CU	BQL (QL=1)	BQL (QL=1)	BQL (QL=1)	IS 3025-Part 4	5	15
17.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025-Part 5	Agreeable	Agreeable
18.	Temperature	°C	27.6	28.4	27.5	APHA23rdEdn (2550B)	NS	NS
19.	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025-Part7,8	Agreeable	Agreeable
20.	Phenolic Compounds	mg/L	BQL (QL=0.001)	BQL (QL=0.001)	BQL (QL=0.001)	IS 3025- Part 43	0.001	0.002
21.	Cyanide	mg/L	BQL (QL=0.025)	BQL (QL=0.025)	BQL (QL=0.025)	GGMPL/SOP/W/43	0.05	No relaxation
22.	Aluminium (Al)	mg/L	0.06	0.051	0.067	APHA23rdEdn (3120 B)	0.03	0.2
23.	Arsenic (As)	mg/L	BQL (QL=0.005)	BQL (QL=0.005)	BQL (QL=0.005)	APHA23rdEdn (3120 B)	0.01	0.05
24.	Boron (B)	mg/L	0.485	0.591	0.764	APHA23rdEdn (3120 B)	0.5	1.0
25.	Cadmium (Cd)	mg/L	BQL (QL=0.002)	BQL (QL=0.002)	BQL (QL=0.002)	APHA23rdEdn (3120 B)	0.003	No relaxation
26.	Copper (Cu)	mg/L	BQL (QL=0.02)	BQL (QL=0.02)	BQL (QL=0.02)	APHA23rdEdn (3120 B)	0.05	1.5
27.	Lead (Pb)	mg/L	BQL (QL=0.005)	BQL (QL=0.005)	BQL (QL=0.005)	APHA23rdEdn (3120 B)	0.01	No relaxation
28.	Manganese (Mn)	mg/L	BQL (QL=0.05)	BQL (QL=0.05)	BQL (QL=0.05)	APHA23rdEdn (3120 B)	0.1	0.3
29.	Mercury (Hg)	mg/L	BQL (QL=0.0005)	BQL (QL=0.0005)	BQL (QL=0.0005)	APHA23rdEdn (3112 B)	0.001	No relaxation
30.	Selenium (Se)	mg/L	BQL (QL=0.005)	BQL (QL=0.005)	BQL (QL=0.005)	APHA23rdEdn (3120 B)	0.01	No relaxation

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31.	Anionic Surface Active Agents	mg/L	BQL (QL=0.05)	BQL (QL=0.05)	BQL (QL=0.05)	APHA23rdEdn (5540 C)	0.2	1.0
32.	E.coli	-	Absent	Absent	Absent	IS 1622	Absent	-
33.	Total Coliform	-	Absent	Absent	Absent	IS 1622	Absent	-

BQL - Below Quantification Limit

Analysis By

Anurag Kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 30/08/2024

WATER ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
Sample Type	Water
Sample Quantity	6 L
Date of Sampling	05/08/2024
Analysis Period	06/08/2024 to 12/08/2024

Sl. No.	Parameter	Unit	Location			Test Method	IS 10500:2012	
			Navinal Village (BW)	Siracha village (BW)	Jarpara Village (BW)		AL	PL
1.	pH@25 °C	-	7.72	7.75	7.82	IS 3025-Part11	6.5-8.5	No relaxation
2.	Turbidity	NTU	BQL (QL=0.1)	BQL (QL=0.1)	BQL (QL=0.1)	APHA 23rdEdn(2130 B)	1	5
3.	Total Dissolved Solids	mg/L	1706.0	1603.0	2663.0	APHA23rd Edn(2540 C)	500	2000
4.	Total Hardness as CaCO3	mg/L	368.0	300.0	375.0	APHA23rd Edn(2340 C)	200	600
5.	Alkalinity as CaCO3	mg/L	284.00	220.00	380.00	APHA23rd Edn (2230B)	200	600
6.	Calcium as Ca	mg/L	70.54	48.10	41.28	APHA23rdEdn (3500Ca B)	75	200
7.	Chloride	mg/L	604.81	559.83	1124.65	IS 3025-Part 32	250	1000
8.	Sulphate	mg/L	84.32	126.98	101.18	APHA23rdEdn (4500SO_4E)	200	400
9.	Nitrate	mg/L	3.53	5.18	3.61	APHA23rdEdn (4500NO_3B)	45	No relaxation
10.	Iron	mg/L	0.305	0.112	0.193	APHA 23rdEdn(3120 B)	0.3	No relaxation
11.	Fluoride	mg/L	0.55	0.45	0.51	APHA 23rdEdn(4500 F D)	1	1.5
12.	Hexavalent Chromium as Cr6+	mg/L	BQL (QL=0.01)	BQL (QL=0.01)	BQL (QL=0.01)	APHA 23rdEdn(3500Cr B)	NS	NS

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

13.	Zinc (Zn)	mg/L	BQL (QL=0.02)	BQL (QL=0.02)	BQL (QL=0.02)	APHA 23rdEdn(3120 B)	5	15
14.	Magnesium (Mg)	mg/L	45.68	41.31	57.11	APHA23rdEdn(3500MgB)	30	100
15.	Residual Chlorine	mg/L	BQL (QL=0.05)	BQL (QL=0.05)	BQL (QL=0.05)	APHA23rdEdn(4500Cl B)	0.2	1.0
16.	Colour	CU	BQL (QL=1)	BQL (QL=1)	BQL (QL=1)	IS 3025-Part 4	5	15
17.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025-Part 5	Agreeable	Agreeable
18.	Temperature	°C	26.2	27.1	27.1	APHA23rdEdn (2550B)	NS	NS
19.	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025-Part7,8	Agreeable	Agreeable
20.	Phenolic Compounds	mg/L	BQL (QL=0.001)	BQL (QL=0.001)	BQL (QL=0.001)	IS 3025- Part 43	0.001	0.002
21.	Cyanide	mg/L	BQL (QL=0.025)	BQL (QL=0.025)	BQL (QL=0.025)	GGMPL/SOP/W/43	0.05	No relaxation
22.	Aluminium (Al)	mg/L	0.053	0.051	0.054	APHA23rdEdn (3120 B)	0.03	0.2
23.	Arsenic (As)	mg/L	BQL (QL=0.005)	BQL (QL=0.005)	BQL (QL=0.005)	APHA23rdEdn (3120 B)	0.01	0.05
24.	Boron (B)	mg/L	0.428	0.519	0.681	APHA23rdEdn (3120 B)	0.5	1.0
25.	Cadmium (Cd)	mg/L	BQL (QL=0.002)	BQL (QL=0.002)	BQL (QL=0.002)	APHA23rdEdn (3120 B)	0.003	No relaxation
26.	Copper (Cu)	mg/L	BQL (QL=0.02)	BQL (QL=0.02)	BQL (QL=0.02)	APHA23rdEdn (3120 B)	0.05	1.5
27.	Lead (Pb)	mg/L	BQL (QL=0.005)	BQL (QL=0.005)	BQL (QL=0.005)	APHA23rdEdn (3120 B)	0.01	No relaxation
28.	Manganese (Mn)	mg/L	BQL (QL=0.05)	BQL (QL=0.05)	BQL (QL=0.05)	APHA23rdEdn (3120 B)	0.1	0.3
29.	Mercury (Hg)	mg/L	BQL (QL=0.0005)	BQL (QL=0.0005)	BQL (QL=0.0005)	APHA23rdEdn (3112 B)	0.001	No relaxation
30.	Selenium (Se)	mg/L	BQL (QL=0.005)	BQL (QL=0.005)	BQL (QL=0.005)	APHA23rdEdn (3120 B)	0.01	No relaxation

GO GREEN MECHANISMS PVT. LTD.

31.	Anionic Surface Active Agents	mg/L	BQL (QL=0.05)	BQL (QL=0.05)	BQL (QL=0.05)	APHA23rdEdn (5540 C)	0.2	1.0
32.	E.coli	-	Absent	Absent	Absent	IS 1622	Absent	-
33.	Total Coliform	-	Absent	Absent	Absent	IS 1622	Absent	-

BQL - Below Quantification Limit

Analysis By
Anurag Kr
Anurag Kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By
Ramakant Pandey

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 13/09/2024

WATER ANALYSIS REPORT

Company Name	**Kutch Copper Limited**
Sample Type	Water
Sample Quantity	6 L
Date of Sampling	03/09/2024
Analysis Period	05/09/2024 to 12/09/2024

Sl. No.	Parameter	Unit	Location			Test Method	IS 10500:2012	
			Navinal Village (DW)	Siracha village (DW)	Jarpara Village (BW)		AL	PL
1.	pH@25 °C	-	7.76	7.78	7.85	IS 3025-Part11	6.5-8.5	No relaxation
2.	Turbidity	NTU	BQL (QL=0.1)	BQL (QL=0.1)	BQL (QL=0.1)	APHA 23rdEdn(2130 B)	1	5
3.	Total Dissolved Solids	mg/L	1742.0	1624.0	2706.0	APHA23rd Edn(2540 C)	500	2000
4.	Total Hardness as CaCO3	mg/L	372.0	310.0	386.0	APHA23rd Edn(2340 C)	200	600
5.	Alkalinity as CaCO3	mg/L	288.0	108.0	392.0	APHA23rd Edn (2230B)	200	600
6.	Calcium as Ca	mg/L	72.1	52.10	45.29	APHA23rdEdn (3500Ca B)	75	200
7.	Chloride	mg/L	634.80	574.8	1180.0	IS 3025-Part 32	250	1000
8.	Sulphate	mg/L	87.1	129.7	103.3	APHA23rdEdn (4500SO_4E)	200	400
9.	Nitrate	mg/L	3.56	5.21	3.68	APHA23rdEdn (4500NO_3B)	45	No relaxation
10.	Iron	mg/L	0.305	0.112	0.193	APHA 23rdEdn(3120 B)	0.3	No relaxation
11.	Fluoride	mg/L	0.61	0.48	0.55	APHA 23rdEdn(4500 F D)	1	1.5
12.	Hexavalent Chromium as Cr6+	mg/L	BQL (QL=0.01)	BQL (QL=0.01)	BQL (QL=0.01)	APHA 23rdEdn(3500Cr B)	NS	NS

GO GREEN MECHANISMS PVT. LTD.

13.	Zinc (Zn)	mg/L	BQL (QL=0.02)	BQL (QL=0.02)	BQL (QL=0.02)	APHA 23rdEdn(3120 B)	5	15
14.	Magnesium (Mg)	mg/L	46.66	43.74	60.26	APHA23rdEdn(3500MgB)	30	100
15.	Residual Chlorine	mg/L	BQL (QL=0.05)	BQL (QL=0.05)	BQL (QL=0.05)	APHA23rdEdn(4500Cl B)	0.2	1.0
16.	Colour	CU	BQL (QL=1)	BQL (QL=1)	BQL (QL=1)	IS 3025-Part 4	5	15
17.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025-Part 5	Agreeable	Agreeable
18.	Temperature	°C	26.1	27.2	27.4	APHA23rdEdn (2550B)	NS	NS
19.	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025-Part7,8	Agreeable	Agreeable
20.	Phenolic Compounds	mg/L	BQL (QL=0.001)	BQL (QL=0.001)	BQL (QL=0.001)	IS 3025- Part 43	0.001	0.002
21.	Cyanide	mg/L	BQL (QL=0.025)	BQL (QL=0.025)	BQL (QL=0.025)	GGMPL/SOP/W/43	0.05	No relaxation
22.	Aluminium (Al)	mg/L	0.055	0.049	0.052	APHA23rdEdn (3120 B)	0.03	0.2
23.	Arsenic (As)	mg/L	BQL (QL=0.005)	BQL (QL=0.005)	BQL (QL=0.005)	APHA23rdEdn (3120 B)	0.01	0.05
24.	Boron (B)	mg/L	0.432	0.521	0.683	APHA23rdEdn (3120 B)	0.5	1.0
25.	Cadmium (Cd)	mg/L	BQL (QL=0.002)	BQL (QL=0.002)	BQL (QL=0.002)	APHA23rdEdn (3120 B)	0.003	No relaxation
26.	Copper (Cu)	mg/L	BQL (QL=0.02)	BQL (QL=0.02)	BQL (QL=0.02)	APHA23rdEdn (3120 B)	0.05	1.5
27.	Lead (Pb)	mg/L	BQL (QL=0.005)	BQL (QL=0.005)	BQL (QL=0.005)	APHA23rdEdn (3120 B)	0.01	No relaxation
28.	Manganese (Mn)	mg/L	BQL (QL=0.05)	BQL (QL=0.05)	BQL (QL=0.05)	APHA23rdEdn (3120 B)	0.1	0.3
29.	Mercury (Hg)	mg/L	BQL (QL=0.0005)	BQL (QL=0.0005)	BQL (QL=0.0005)	APHA23rdEdn (3112 B)	0.001	No relaxation
30.	Selenium (Se)	mg/L	BQL (QL=0.005)	BQL (QL=0.005)	BQL (QL=0.005)	APHA23rdEdn (3120 B)	0.01	No relaxation

GO GREEN MECHANISMS PVT. LTD.

31.	Anionic Surface Active Agents	mg/L	BQL (QL=0.05)	BQL (QL=0.05)	BQL (QL=0.05)	APHA23rdEdn (5540 C)	0.2	1.0
32.	E.coli	-	Absent	Absent	Absent	IS 1622	Absent	-
33.	Total Coliform	-	Absent	Absent	Absent	IS 1622	Absent	-

BQL - Below Quantification Limit

Analysis By
Anurag Kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By
Ramakant Pandey

.....END.....

ANNEXURE-3

AMBIENT NOISE MONITORING REPORTS

(April 2024-September 2024)

Go Green Mechanisms Pvt.Ltd.

Reporting Date:07/05/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Project Site	
Sampling Date		11.04.2024	
Sampling Instrument	Sound Level Meter	Ldn	68.3
Lmax (Day)	74.2	Lmax (Night)	65.4
Lmin (Day)	60.8	Lmin (Night)	55.8
Leq (Day)	69.7	Leq (Night)	61.8

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	60.8	dB (A) Leq	IS 9989	75
2.	07:00 - 08:00	63.5	dB (A) Leq	IS 9989	75
3.	08:00 - 09:00	64.9	dB (A) Leq	IS 9989	75
4.	09:00 - 10:00	71.7	dB (A) Leq	IS 9989	75
5.	10:00 - 11:00	73.5	dB (A) Leq	IS 9989	75
6.	11:00 - 12:00	71.9	dB (A) Leq	IS 9989	75
7.	12:00 - 13:00	67.1	dB (A) Leq	IS 9989	75
8.	13:00 - 14:00	65.7	dB (A) Leq	IS 9989	75
9.	14:00 - 15:00	64.3	dB (A) Leq	IS 9989	75
10.	15:00 - 16:00	70.1	dB (A) Leq	IS 9989	75
11.	16:00 - 17:00	74.2	dB (A) Leq	IS 9989	75
12.	17:00 - 18:00	71.6	dB (A) Leq	IS 9989	75

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 07/05/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Project Site	
Sampling Date		11.04.2024	
Sampling Instrument	Sound Level Meter	Ldn	68.3
Lmax (Day)	74.2	Lmax (Night)	65.4
Lmin (Day)	60.8	Lmin (Night)	55.8
Leq (Day)	69.7	Leq (Night)	61.8

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	69.9	dB (A) Leq	IS 9989	75
14.	19:00 - 20:00	68.7	dB (A) Leq	IS 9989	75
15.	20:00 - 21:00	68.1	dB (A) Leq	IS 9989	75
16.	21:00 - 22:00	66.6	dB (A) Leq	IS 9989	75
17.	22:00 - 23:00	65.4	dB (A) Leq	IS 9989	70
18.	23:00 - 12:00	64.1	dB (A) Leq	IS 9989	70
19.	12:00 - 01:00	63.2	dB (A) Leq	IS 9989	70
20.	01:00 - 02:00	58.9	dB (A) Leq	IS 9989	70
21.	02:00 - 03:00	55.8	dB (A) Leq	IS 9989	70
22.	03:00 - 04:00	57.9	dB (A) Leq	IS 9989	70
23.	04:00 - 05:00	59.9	dB (A) Leq	IS 9989	70
24.	05:00 - 06:00	60.4	dB (A) Leq	IS 9989	70

Analysis By

Vishal Makwana

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:07/05/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Navinal Village	
Sampling Date		11.04.2024	
Sampling Instrument	Sound Level Meter	Ldn	59.0
Lmax (Day)	62.4	Lmax (Night)	48.2
Lmin (Day)	41.3	Lmin (Night)	41.0
Leq (Day)	60.7	Leq (Night)	45.0

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	46.5	dB (A) Leq	IS 9989	75
2.	07:00 - 08:00	54.6	dB (A) Leq	IS 9989	75
3.	08:00 - 09:00	59.8	dB (A) Leq	IS 9989	75
4.	09:00 - 10:00	66.6	dB (A) Leq	IS 9989	75
5.	10:00 - 11:00	64.6	dB (A) Leq	IS 9989	75
6.	11:00 - 12:00	62.7	dB (A) Leq	IS 9989	75
7.	12:00 - 13:00	62.0	dB (A) Leq	IS 9989	75
8.	13:00 - 14:00	59.6	dB (A) Leq	IS 9989	75
9.	14:00 - 15:00	63.2	dB (A) Leq	IS 9989	75
10.	15:00 - 16:00	53.6	dB (A) Leq	IS 9989	75
11.	16:00 - 17:00	64.7	dB (A) Leq	IS 9989	75
12.	17:00 - 18:00	53.7	dB (A) Leq	IS 9989	75

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 07/05/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Navinal Village	
Sampling Date		11.04.2024	
Sampling Instrument	Sound Level Meter	Ldn	59.0
Lmax (Day)	62.4	Lmax (Night)	48.2
Lmin (Day)	41.3	Lmin (Night)	41.0
Leq (Day)	60.7	Leq (Night)	45.0

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	50.7	dB (A) Leq	IS 9989	75
14.	19:00 - 20:00	49.7	dB (A) Leq	IS 9989	75
15.	20:00 - 21:00	45.2	dB (A) Leq	IS 9989	75
16.	21:00 - 22:00	43.0	dB (A) Leq	IS 9989	75
17.	22:00 - 23:00	45.9	dB (A) Leq	IS 9989	70
18.	23:00 - 12:00	44.1	dB (A) Leq	IS 9989	70
19.	12:00 - 01:00	46.6	dB (A) Leq	IS 9989	70
20.	01:00 - 02:00	41.7	dB (A) Leq	IS 9989	70
21.	02:00 - 03:00	41.0	dB (A) Leq	IS 9989	70
22.	03:00 - 04:00	42.5	dB (A) Leq	IS 9989	70
23.	04:00 - 05:00	44.6	dB (A) Leq	IS 9989	70
24.	05:00 - 06:00	46.0	dB (A) Leq	IS 9989	70

Analysis By
Vishal
Vishal Makwana

GO GREEN MECHANISMS PVT. LTD.

Approved By
Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:07/05/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Siracha Village	
Sampling Date		22.04.2024	
Sampling Instrument	Sound Level Meter	Ldn	57.3
Lmax (Day)	61.0	Lmax (Night)	62.0
Lmin (Day)	50.6	Lmin (Night)	43.6
Leq (Day)	58.8	Leq (Night)	50.3

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	50.6	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	52.7	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	54.0	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	56.1	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	60.0	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	60.0	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	59.6	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	59.0	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	58.8	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	61.0	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	60.6	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	60.0	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date:07/05/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Siracha Village	
Sampling Date		22.04.2024	
Sampling Instrument	Sound Level Meter	Ldn	57.4
Lmax (Day)	61.0	Lmax (Night)	62.0
Lmin (Day)	50.6	Lmin (Night)	43.6
Leq (Day)	58.9	Leq (Night)	48.8

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	62.0	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	59.3	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	56.5	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	55.9	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	52.0	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	50.0	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	47.0	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	47.0	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	43.6	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	48.0	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	48.3	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	50.0	dB (A) Leq	IS 9989	55

Analysis By

Vishal Makwana

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:07/05/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Zarapara Village	
Sampling Date		22.04.2024	
Sampling Instrument	Sound Level Meter	Ldn	55.9
Lmax (Day)	61.6	Lmax (Night)	49.7
Lmin (Day)	49.5	Lmin (Night)	44.3
Leq (Day)	57.5	Leq (Night)	47.3

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	49.5	dB (A) Leq	IS 9989	75
2.	07:00 - 08:00	52.6	dB (A) Leq	IS 9989	75
3.	08:00 - 09:00	56.8	dB (A) Leq	IS 9989	75
4.	09:00 - 10:00	60.5	dB (A) Leq	IS 9989	75
5.	10:00 - 11:00	61.1	dB (A) Leq	IS 9989	75
6.	11:00 - 12:00	61.6	dB (A) Leq	IS 9989	75
7.	12:00 - 13:00	60.6	dB (A) Leq	IS 9989	75
8.	13:00 - 14:00	54.7	dB (A) Leq	IS 9989	75
9.	14:00 - 15:00	54.0	dB (A) Leq	IS 9989	75
10.	15:00 - 16:00	53.8	dB (A) Leq	IS 9989	75
11.	16:00 - 17:00	57.6	dB (A) Leq	IS 9989	75
12.	17:00 - 18:00	58.1	dB (A) Leq	IS 9989	75

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 07/05/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Zarapara Village	
Sampling Date		22.04.2024	
Sampling Instrument	Sound Level Meter	Ldn	55.9
Lmax (Day)	61.6	Lmax (Night)	49.7
Lmin (Day)	49.5	Lmin (Night)	44.3
Leq (Day)	57.5	Leq (Night)	47.3

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	57.7	dB (A) Leq	IS 9989	75
14.	19:00 - 20:00	54.3	dB (A) Leq	IS 9989	75
15.	20:00 - 21:00	52.1	dB (A) Leq	IS 9989	75
16.	21:00 - 22:00	51.4	dB (A) Leq	IS 9989	75
17.	22:00 - 23:00	49.7	dB (A) Leq	IS 9989	70
18.	23:00 - 12:00	47.9	dB (A) Leq	IS 9989	70
19.	12:00 - 01:00	47.7	dB (A) Leq	IS 9989	70
20.	01:00 - 02:00	46.0	dB (A) Leq	IS 9989	70
21.	02:00 - 03:00	45.5	dB (A) Leq	IS 9989	70
22.	03:00 - 04:00	44.3	dB (A) Leq	IS 9989	70
23.	04:00 - 05:00	46.4	dB (A) Leq	IS 9989	70
24.	05:00 - 06:00	48.7	dB (A) Leq	IS 9989	70

Analysis By
Vishal Makwana

GO GREEN MECHANISMS PVT. LTD.

Approved By
Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:07/05/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Zarapara Village	
Sampling Date		22.04.2024	
Sampling Instrument	Sound Level Meter	Ldn	55.9
Lmax (Day)	61.6	Lmax (Night)	49.7
Lmin (Day)	49.5	Lmin (Night)	44.3
Leq (Day)	57.5	Leq (Night)	47.3

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	49.5	dB (A) Leq	IS 9989	75
2.	07:00 - 08:00	52.6	dB (A) Leq	IS 9989	75
3.	08:00 - 09:00	56.8	dB (A) Leq	IS 9989	75
4.	09:00 - 10:00	60.5	dB (A) Leq	IS 9989	75
5.	10:00 - 11:00	61.1	dB (A) Leq	IS 9989	75
6.	11:00 - 12:00	61.6	dB (A) Leq	IS 9989	75
7.	12:00 - 13:00	60.6	dB (A) Leq	IS 9989	75
8.	13:00 - 14:00	54.7	dB (A) Leq	IS 9989	75
9.	14:00 - 15:00	54.0	dB (A) Leq	IS 9989	75
10.	15:00 - 16:00	53.8	dB (A) Leq	IS 9989	75
11.	16:00 - 17:00	57.6	dB (A) Leq	IS 9989	75
12.	17:00 - 18:00	58.1	dB (A) Leq	IS 9989	75

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 07/05/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Zarapara Village	
Sampling Date		22.04.2024	
Sampling Instrument	Sound Level Meter	Ldn	55.9
Lmax (Day)	61.6	Lmax (Night)	49.7
Lmin (Day)	49.5	Lmin (Night)	44.3
Leq (Day)	57.5	Leq (Night)	47.3

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	57.7	dB (A) Leq	IS 9989	75
14.	19:00 - 20:00	54.3	dB (A) Leq	IS 9989	75
15.	20:00 - 21:00	52.1	dB (A) Leq	IS 9989	75
16.	21:00 - 22:00	51.4	dB (A) Leq	IS 9989	75
17.	22:00 - 23:00	49.7	dB (A) Leq	IS 9989	70
18.	23:00 - 12:00	47.9	dB (A) Leq	IS 9989	70
19.	12:00 - 01:00	47.7	dB (A) Leq	IS 9989	70
20.	01:00 - 02:00	46.0	dB (A) Leq	IS 9989	70
21.	02:00 - 03:00	45.5	dB (A) Leq	IS 9989	70
22.	03:00 - 04:00	44.3	dB (A) Leq	IS 9989	70
23.	04:00 - 05:00	46.4	dB (A) Leq	IS 9989	70
24.	05:00 - 06:00	48.7	dB (A) Leq	IS 9989	70

Analysis By
Vishal Makwana

Approved By
Ramakant Panday

GO GREEN MECHANISMS PVT. LTD.

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:07/05/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Nr. Zarapara Village	
Sampling Date		29.04.2024	
Sampling Instrument	Sound Level Meter	Ldn	57.16
Lmax (Day)	62.8	Lmax (Night)	49.0
Lmin (Day)	49.7	Lmin (Night)	44.5
Leq (Day)	58.8	Leq (Night)	46.6

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	49.7	dB (A) Leq	IS 9989	75
2.	07:00 - 08:00	50.2	dB (A) Leq	IS 9989	75
3.	08:00 - 09:00	58.6	dB (A) Leq	IS 9989	75
4.	09:00 - 10:00	62.3	dB (A) Leq	IS 9989	75
5.	10:00 - 11:00	62.0	dB (A) Leq	IS 9989	75
6.	11:00 - 12:00	62.8	dB (A) Leq	IS 9989	75
7.	12:00 - 13:00	60.3	dB (A) Leq	IS 9989	75
8.	13:00 - 14:00	59.9	dB (A) Leq	IS 9989	75
9.	14:00 - 15:00	55.6	dB (A) Leq	IS 9989	75
10.	15:00 - 16:00	52.3	dB (A) Leq	IS 9989	75
11.	16:00 - 17:00	56.5	dB (A) Leq	IS 9989	75
12.	17:00 - 18:00	57.0	dB (A) Leq	IS 9989	75

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 07/05/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Nr. Zarapara Village	
Sampling Date		29.04.2024	
Sampling Instrument	Sound Level Meter	Ldn	57.16
Lmax (Day)	62.8	Lmax (Night)	49.0
Lmin (Day)	49.7	Lmin (Night)	44.5
Leq (Day)	58.8	Leq (Night)	46.6

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	58.6	dB (A) Leq	IS 9989	75
14.	19:00 - 20:00	58.9	dB (A) Leq	IS 9989	75
15.	20:00 - 21:00	57.8	dB (A) Leq	IS 9989	75
16.	21:00 - 22:00	55.6	dB (A) Leq	IS 9989	75
17.	22:00 - 23:00	48.9	dB (A) Leq	IS 9989	70
18.	23:00 - 12:00	46.2	dB (A) Leq	IS 9989	70
19.	12:00 - 01:00	46.8	dB (A) Leq	IS 9989	70
20.	01:00 - 02:00	45.0	dB (A) Leq	IS 9989	70
21.	02:00 - 03:00	44.9	dB (A) Leq	IS 9989	70
22.	03:00 - 04:00	44.5	dB (A) Leq	IS 9989	70
23.	04:00 - 05:00	45.0	dB (A) Leq	IS 9989	70
24.	05:00 - 06:00	49.0	dB (A) Leq	IS 9989	70

Analysis By
Vishal
Vishal Makwana

GO GREEN MECHANISMS PVT. LTD.

Approved By
Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:07/05/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Siracha Village	
Sampling Date		29.04.2024	
Sampling Instrument	Sound Level Meter	Ldn	59.09
Lmax (Day)	64.8	Lmax (Night)	53.2
Lmin (Day)	52.3	Lmin (Night)	47.6
Leq (Day)	60.8	Leq (Night)	50.3

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	54.3	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	57.3	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	60.2	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	64.5	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	64.8	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	64.3	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	59.6	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	57.8	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	58.0	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	58.6	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	59.9	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	62.0	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 07/05/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Siracha Village	
Sampling Date		29.04.2024	
Sampling Instrument	Sound Level Meter	Ldn	59.09
Lmax (Day)	64.8	Lmax (Night)	53.2
Lmin (Day)	52.3	Lmin (Night)	47.6
Leq (Day)	60.8	Leq (Night)	50.3

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	63.0	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	55.3	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	52.3	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	54.5	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	53.2	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	50.2	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	48.6	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	47.6	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	49.8	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	50.1	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	50.3	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	50.3	dB (A) Leq	IS 9989	55

Analysis By
Vishal
Vishal Makwana

GO GREEN MECHANISMS PVT. LTD.

Approved By
Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:10/06/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Shiracha Village	
Sampling Date		09.05.2024	
Sampling Instrument	Sound Level Meter	Ldn	56.7
Lmax (Day)	63.0	Lmax (Night)	44.9
Lmin (Day)	42.4	Lmin (Night)	39.3
Leq (Day)	58.4	Leq (Night)	42.8

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	44.8	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	52.9	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	58.1	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	64.9	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	62.9	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	61.0	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	60.3	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	57.9	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	61.5	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	51.9	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	63.0	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	52.0	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 10/06/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Shiracha Village	
Sampling Date		09.05.2024	
Sampling Instrument	Sound Level Meter	Ldn	56.7
Lmax (Day)	63.0	Lmax (Night)	44.9
Lmin (Day)	42.4	Lmin (Night)	39.3
Leq (Day)	58.4	Leq (Night)	42.8

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	49.0	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	48.0	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	43.5	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	42.4	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	44.2	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	42.4	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	44.9	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	40.0	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	39.3	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	40.8	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	42.9	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	44.3	dB (A) Leq	IS 9989	55

Analysis By
Vishal Makwana

Approved By
Ramakant Panday

END

Go Green Mechanisms Pvt.Ltd.

Reporting Date:10/06/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Project Site	
Sampling Date		09.05.2024	
Sampling Instrument	Sound Level Meter	Ldn	67.0
Lmax (Day)	72.9	Lmax (Night)	64.1
Lmin (Day)	59.5	Lmin (Night)	54.5
Leq (Day)	68.4	Leq (Night)	60.5

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	59.5	dB (A) Leq	IS 9989	75
2.	07:00 - 08:00	62.2	dB (A) Leq	IS 9989	75
3.	08:00 - 09:00	63.6	dB (A) Leq	IS 9989	75
4.	09:00 - 10:00	70.4	dB (A) Leq	IS 9989	75
5.	10:00 - 11:00	72.2	dB (A) Leq	IS 9989	75
6.	11:00 - 12:00	70.6	dB (A) Leq	IS 9989	75
7.	12:00 - 13:00	65.8	dB (A) Leq	IS 9989	75
8.	13:00 - 14:00	64.4	dB (A) Leq	IS 9989	75
9.	14:00 - 15:00	63.0	dB (A) Leq	IS 9989	75
10.	15:00 - 16:00	68.8	dB (A) Leq	IS 9989	75
11.	16:00 - 17:00	72.9	dB (A) Leq	IS 9989	75
12.	17:00 - 18:00	70.3	dB (A) Leq	IS 9989	75

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 10/06/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Project Site	
Sampling Date		09.05.2024	
Sampling Instrument	Sound Level Meter	Ldn	67.0
Lmax (Day)	72.9	Lmax (Night)	64.1
Lmin (Day)	59.5	Lmin (Night)	54.5
Leq (Day)	68.4	Leq (Night)	60.5

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	68.6	dB (A) Leq	IS 9989	75
14.	19:00 - 20:00	67.4	dB (A) Leq	IS 9989	75
15.	20:00 - 21:00	66.8	dB (A) Leq	IS 9989	75
16.	21:00 - 22:00	65.3	dB (A) Leq	IS 9989	75
17.	22:00 - 23:00	64.1	dB (A) Leq	IS 9989	70
18.	23:00 - 12:00	62.8	dB (A) Leq	IS 9989	70
19.	12:00 - 01:00	61.9	dB (A) Leq	IS 9989	70
20.	01:00 - 02:00	57.6	dB (A) Leq	IS 9989	70
21.	02:00 - 03:00	54.5	dB (A) Leq	IS 9989	70
22.	03:00 - 04:00	56.6	dB (A) Leq	IS 9989	70
23.	04:00 - 05:00	58.6	dB (A) Leq	IS 9989	70
24.	05:00 - 06:00	59.1	dB (A) Leq	IS 9989	70

Analysis By

Vishal Makwana

Approved By

Ramakant Panday

END

Go Green Mechanisms Pvt.Ltd.

Reporting Date:10/06/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Nr. Navinal Village	
Sampling Date		23.05.2024	
Sampling Instrument	Sound Level Meter	Ldn	56.4
Lmax (Day)	63.2	Lmax (Night)	45.2
Lmin (Day)	41.6	Lmin (Night)	42.6
Leq (Day)	58.1	Leq (Night)	43.1

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	45.1	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	53.2	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	58.4	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	62.5	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	63.2	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	61.3	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	60.6	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	58.2	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	61.8	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	52.2	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	53.4	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	52.3	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 10/06/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Nr. Navinal Village	
Sampling Date		23.05.2024	
Sampling Instrument	Sound Level Meter	Ldn	56.4
Lmax (Day)	63.2	Lmax (Night)	45.2
Lmin (Day)	41.6	Lmin (Night)	42.6
Leq (Day)	58.1	Leq (Night)	43.1

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	49.3	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	48.3	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	43.8	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	41.6	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	44.5	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	42.7	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	45.2	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	40.3	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	39.6	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	41.1	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	43.2	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	44.6	dB (A) Leq	IS 9989	55

Analysis By
Vishal Makwana

Approved By
Ramakant Panday

Go Green Mechanisms Pvt.Ltd.

Reporting Date:10/06/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Zarapra Village	
Sampling Date		23.05.2024	
Sampling Instrument	Sound Level Meter	Ldn	53.8
Lmax (Day)	59.5	Lmax (Night)	47.6
Lmin (Day)	47.4	Lmin (Night)	42.2
Leq (Day)	55.4	Leq (Night)	45.0

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	47.4	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	50.5	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	54.7	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	58.4	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	59.0	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	59.5	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	58.5	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	52.6	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	51.9	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	51.7	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	55.5	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	56.0	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date:10/06/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Zarapra Village	
Sampling Date		23.05.2024	
Sampling Instrument	Sound Level Meter	Ldn	53.8
Lmax (Day)	59.5	Lmax (Night)	47.6
Lmin (Day)	47.4	Lmin (Night)	42.2
Leq (Day)	55.4	Leq (Night)	45.0

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	55.6	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	52.2	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	50.0	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	49.3	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	47.6	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	45.6	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	43.9	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	43.4	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	42.2	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	44.3	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	46.6	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	43.5	dB (A) Leq	IS 9989	55

Analysis By

Vishal Makwana

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

END

Go Green Mechanisms Pvt.Ltd.

Reporting Date:10/06/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Nr. Siracha Village	
Sampling Date		30.05.2024	
Sampling Instrument	Sound Level Meter	Ldn	57.5
Lmax (Day)	62.3	Lmax (Night)	53.8
Lmin (Day)	52.4	Lmin (Night)	42.7
Leq (Day)	59.0	Leq (Night)	49.6

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	52.5	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	54.8	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	57.0	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	58.4	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	58.0	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	59.1	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	61.4	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	60.5	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	62.3	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	61.8	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	61.0	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	60.1	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 10/06/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Nr. Siracha Village	
Sampling Date		30.05.2024	
Sampling Instrument	Sound Level Meter	Ldn	57.5
Lmax (Day)	62.3	Lmax (Night)	53.8
Lmin (Day)	52.4	Lmin (Night)	42.7
Leq (Day)	59.0	Leq (Night)	49.6

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	58.5	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	56.3	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	56.1	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	52.4	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	53.8	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	51.7	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	49.4	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	50.2	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	48.3	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	46.0	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	43.9	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	42.7	dB (A) Leq	IS 9989	55

Analysis By
Vishal Makwana

Approved By
Ramakant Panday

END

Go Green Mechanisms Pvt.Ltd.

Reporting Date:10/06/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Nr.Project Site	
Sampling Date		30.05.2024	
Sampling Instrument	Sound Level Meter	Ldn	66.5
Lmax (Day)	72.4	Lmax (Night)	63.6
Lmin (Day)	59.0	Lmin (Night)	54.0
Leq (Day)	67.9	Leq (Night)	60.0

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	59.0	dB (A) Leq	IS 9989	75
2.	07:00 - 08:00	61.7	dB (A) Leq	IS 9989	75
3.	08:00 - 09:00	63.1	dB (A) Leq	IS 9989	75
4.	09:00 - 10:00	69.9	dB (A) Leq	IS 9989	75
5.	10:00 - 11:00	71.7	dB (A) Leq	IS 9989	75
6.	11:00 - 12:00	70.1	dB (A) Leq	IS 9989	75
7.	12:00 - 13:00	65.3	dB (A) Leq	IS 9989	75
8.	13:00 - 14:00	63.9	dB (A) Leq	IS 9989	75
9.	14:00 - 15:00	62.5	dB (A) Leq	IS 9989	75
10.	15:00 - 16:00	68.3	dB (A) Leq	IS 9989	75
11.	16:00 - 17:00	72.4	dB (A) Leq	IS 9989	75
12.	17:00 - 18:00	69.8	dB (A) Leq	IS 9989	75

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 10/06/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Nr.Project Site	
Sampling Date		30.05.2024	
Sampling Instrument	Sound Level Meter	Ldn	66.5
Lmax (Day)	72.4	Lmax (Night)	63.6
Lmin (Day)	59.0	Lmin (Night)	54.0
Leq (Day)	67.9	Leq (Night)	60.0

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	68.1	dB (A) Leq	IS 9989	75
14.	19:00 - 20:00	66.9	dB (A) Leq	IS 9989	75
15.	20:00 - 21:00	66.3	dB (A) Leq	IS 9989	75
16.	21:00 - 22:00	64.8	dB (A) Leq	IS 9989	75
17.	22:00 - 23:00	63.6	dB (A) Leq	IS 9989	70
18.	23:00 - 12:00	62.3	dB (A) Leq	IS 9989	70
19.	12:00 - 01:00	61.4	dB (A) Leq	IS 9989	70
20.	01:00 - 02:00	57.1	dB (A) Leq	IS 9989	70
21.	02:00 - 03:00	54.0	dB (A) Leq	IS 9989	70
22.	03:00 - 04:00	56.1	dB (A) Leq	IS 9989	70
23.	04:00 - 05:00	58.1	dB (A) Leq	IS 9989	70
24.	05:00 - 06:00	58.6	dB (A) Leq	IS 9989	70

Analysis By
Vishal Makwana

Approved By
Ramakant Panday

GO GREEN MECHANISMS PVT. LTD.

END

Go Green Mechanisms Pvt.Ltd.

Reporting Date:06/07/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Project Site	
Sampling Date		03.06.2024	
Sampling Instrument	Sound Level Meter	Ldn	67.9
Lmax (Day)	73.8	Lmax (Night)	65.0
Lmin (Day)	60.4	Lmin (Night)	55.4
Leq (Day)	69.3	Leq (Night)	61.4

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	60.4	dB (A) Leq	IS 9989	75
2.	07:00 - 08:00	63.1	dB (A) Leq	IS 9989	75
3.	08:00 - 09:00	64.5	dB (A) Leq	IS 9989	75
4.	09:00 - 10:00	71.3	dB (A) Leq	IS 9989	75
5.	10:00 - 11:00	73.1	dB (A) Leq	IS 9989	75
6.	11:00 - 12:00	71.5	dB (A) Leq	IS 9989	75
7.	12:00 - 13:00	66.7	dB (A) Leq	IS 9989	75
8.	13:00 - 14:00	65.3	dB (A) Leq	IS 9989	75
9.	14:00 - 15:00	63.9	dB (A) Leq	IS 9989	75
10.	15:00 - 16:00	69.7	dB (A) Leq	IS 9989	75
11.	16:00 - 17:00	73.8	dB (A) Leq	IS 9989	75
12.	17:00 - 18:00	71.2	dB (A) Leq	IS 9989	75

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 06/07/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Project Site	
Sampling Date		03.06.2024	
Sampling Instrument	Sound Level Meter	Ldn	67.9
Lmax (Day)	73.8	Lmax (Night)	65.0
Lmin (Day)	60.4	Lmin (Night)	55.4
Leq (Day)	69.3	Leq (Night)	61.4

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	69.5	dB (A) Leq	IS 9989	75
14.	19:00 - 20:00	68.3	dB (A) Leq	IS 9989	75
15.	20:00 - 21:00	67.7	dB (A) Leq	IS 9989	75
16.	21:00 - 22:00	66.2	dB (A) Leq	IS 9989	75
17.	22:00 - 23:00	65.0	dB (A) Leq	IS 9989	70
18.	23:00 - 12:00	63.7	dB (A) Leq	IS 9989	70
19.	12:00 - 01:00	62.8	dB (A) Leq	IS 9989	70
20.	01:00 - 02:00	58.5	dB (A) Leq	IS 9989	70
21.	02:00 - 03:00	55.4	dB (A) Leq	IS 9989	70
22.	03:00 - 04:00	57.5	dB (A) Leq	IS 9989	70
23.	04:00 - 05:00	59.5	dB (A) Leq	IS 9989	70
24.	05:00 - 06:00	60.0	dB (A) Leq	IS 9989	70

Analysis By

Anurag Kr.

Anurag Kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

END

Go Green Mechanisms Pvt.Ltd.

Reporting Date:06/07/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Siracha Village	
Sampling Date		06.06.2024	
Sampling Instrument	Sound Level Meter	Ldn	58.5
Lmax (Day)	62.2	Lmax (Night)	63.2
Lmin (Day)	51.8	Lmin (Night)	44.8
Leq (Day)	60.0	Leq (Night)	50.0

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	51.8	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	53.9	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	55.2	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	57.3	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	61.2	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	61.5	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	60.8	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	60.2	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	60.0	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	62.2	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	61.8	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	61.2	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date:06/07/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Siracha Village	
Sampling Date		06.06.2024	
Sampling Instrument	Sound Level Meter	Ldn	58.5
Lmax (Day)	62.2	Lmax (Night)	63.2
Lmin (Day)	51.8	Lmin (Night)	44.8
Leq (Day)	60.0	Leq (Night)	50.0

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	63.2	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	60.5	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	57.7	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	57.1	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	53.2	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	51.2	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	48.2	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	48.2	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	44.8	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	49.2	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	49.5	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	51.2	dB (A) Leq	IS 9989	55

Analysis By

Anurag Kr.

Anurag Kumar

Approved By

Ramakant Panday

END

Go Green Mechanisms Pvt.Ltd.

Reporting Date:06/07/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Navinal Village	
Sampling Date		10.06.2024	
Sampling Instrument	Sound Level Meter	Ldn	60.3
Lmax (Day)	67.9	Lmax (Night)	49.5
Lmin (Day)	44.3	Lmin (Night)	42.3
Leq (Day)	62.0	Leq (Night)	46.3

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	47.8	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	55.9	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	61.1	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	67.9	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	65.9	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	64.0	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	63.3	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	60.9	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	64.5	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	54.9	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	66.0	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	55.0	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 06/07/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Navinal Village	
Sampling Date		10.06.2024	
Sampling Instrument	Sound Level Meter	Ldn	60.3
Lmax (Day)	67.9	Lmax (Night)	49.5
Lmin (Day)	44.3	Lmin (Night)	42.3
Leq (Day)	62.0	Leq (Night)	46.3

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	52.0	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	51.0	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	46.5	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	44.3	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	47.2	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	45.4	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	47.9	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	43.0	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	42.3	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	43.8	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	45.9	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	49.5	dB (A) Leq	IS 9989	55

Analysis By
Anurag Kr.
Anurag Kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By
Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:06/07/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Nr. Zarapara Village	
Sampling Date		13.06.2024	
Sampling Instrument	Sound Level Meter	Ldn	58.8
Lmax (Day)	64.4	Lmax (Night)	50.6
Lmin (Day)	51.3	Lmin (Night)	46.1
Leq (Day)	60.4	Leq (Night)	48.2

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	51.3	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	51.8	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	60.2	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	63.9	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	63.6	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	64.4	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	61.9	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	61.5	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	57.2	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	53.9	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	58.1	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	58.6	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 06/07/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Nr. Zarapara Village	
Sampling Date		13.06.2024	
Sampling Instrument	Sound Level Meter	Ldn	58.8
Lmax (Day)	64.4	Lmax (Night)	50.6
Lmin (Day)	51.3	Lmin (Night)	46.1
Leq (Day)	60.4	Leq (Night)	48.2

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	60.2	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	60.5	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	59.4	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	57.2	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	50.5	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	47.8	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	48.4	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	46.6	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	46.5	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	46.1	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	46.6	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	50.6	dB (A) Leq	IS 9989	55

Analysis By
Anurag Kr.
Anurag Kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By
Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:06/07/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Project Site	
Sampling Date		17.06.2024	
Sampling Instrument	Sound Level Meter	Ldn	69.7
Lmax (Day)	75.6	Lmax (Night)	66.8
Lmin (Day)	62.2	Lmin (Night)	57.2
Leq (Day)	71.1	Leq (Night)	63.2

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	62.2	dB (A) Leq	IS 9989	75
2.	07:00 - 08:00	64.9	dB (A) Leq	IS 9989	75
3.	08:00 - 09:00	66.3	dB (A) Leq	IS 9989	75
4.	09:00 - 10:00	73.1	dB (A) Leq	IS 9989	75
5.	10:00 - 11:00	74.9	dB (A) Leq	IS 9989	75
6.	11:00 - 12:00	73.3	dB (A) Leq	IS 9989	75
7.	12:00 - 13:00	68.5	dB (A) Leq	IS 9989	75
8.	13:00 - 14:00	67.1	dB (A) Leq	IS 9989	75
9.	14:00 - 15:00	65.7	dB (A) Leq	IS 9989	75
10.	15:00 - 16:00	71.5	dB (A) Leq	IS 9989	75
11.	16:00 - 17:00	75.6	dB (A) Leq	IS 9989	75
12.	17:00 - 18:00	73.0	dB (A) Leq	IS 9989	75

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 06/07/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Project Site	
Sampling Date		17.06.2024	
Sampling Instrument	Sound Level Meter	Ldn	69.7
Lmax (Day)	75.6	Lmax (Night)	66.8
Lmin (Day)	62.2	Lmin (Night)	57.2
Leq (Day)	71.1	Leq (Night)	63.2

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	71.3	dB (A) Leq	IS 9989	75
14.	19:00 - 20:00	70.1	dB (A) Leq	IS 9989	75
15.	20:00 - 21:00	69.5	dB (A) Leq	IS 9989	75
16.	21:00 - 22:00	68.0	dB (A) Leq	IS 9989	75
17.	22:00 - 23:00	66.8	dB (A) Leq	IS 9989	70
18.	23:00 - 12:00	65.5	dB (A) Leq	IS 9989	70
19.	12:00 - 01:00	64.6	dB (A) Leq	IS 9989	70
20.	01:00 - 02:00	60.3	dB (A) Leq	IS 9989	70
21.	02:00 - 03:00	57.2	dB (A) Leq	IS 9989	70
22.	03:00 - 04:00	59.3	dB (A) Leq	IS 9989	70
23.	04:00 - 05:00	61.3	dB (A) Leq	IS 9989	70
24.	05:00 - 06:00	61.8	dB (A) Leq	IS 9989	70

Analysis By

Anurag Kr.

Anurag Kumar

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:06/07/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Siracha Village	
Sampling Date		20.06.2024	
Sampling Instrument	Sound Level Meter	Ldn	61.0
Lmax (Day)	66.7	Lmax (Night)	55.1
Lmin (Day)	54.2	Lmin (Night)	49.5
Leq (Day)	62.6	Leq (Night)	52.4

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	56.2	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	59.2	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	62.1	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	66.4	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	66.7	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	66.2	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	61.5	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	59.7	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	59.9	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	60.5	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	61.8	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	63.9	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 06/07/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Siracha Village	
Sampling Date		20.06.2024	
Sampling Instrument	Sound Level Meter	Ldn	59.09
Lmax (Day)	64.8	Lmax (Night)	53.2
Lmin (Day)	52.3	Lmin (Night)	47.6
Leq (Day)	60.8	Leq (Night)	50.3

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	64.9	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	57.2	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	54.2	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	56.4	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	55.1	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	52.1	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	50.5	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	49.5	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	51.7	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	52.0	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	52.2	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	53.4	dB (A) Leq	IS 9989	55

Analysis By
Anurag Kr.
Anurag Kumar

Approved By
Ramakant Panday

END

Go Green Mechanisms Pvt.Ltd.

Reporting Date:06/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Project Site	
Sampling Date		01.07.2024	
Sampling Instrument	Sound Level Meter	Ldn	67.0
Lmax (Day)	72.9	Lmax (Night)	64.1
Lmin (Day)	59.5	Lmin (Night)	54.5
Leq (Day)	68.4	Leq (Night)	60.5

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	59.5	dB (A) Leq	IS 9989	75
2.	07:00 - 08:00	62.2	dB (A) Leq	IS 9989	75
3.	08:00 - 09:00	63.6	dB (A) Leq	IS 9989	75
4.	09:00 - 10:00	70.4	dB (A) Leq	IS 9989	75
5.	10:00 - 11:00	72.2	dB (A) Leq	IS 9989	75
6.	11:00 - 12:00	70.6	dB (A) Leq	IS 9989	75
7.	12:00 - 13:00	65.8	dB (A) Leq	IS 9989	75
8.	13:00 - 14:00	64.4	dB (A) Leq	IS 9989	75
9.	14:00 - 15:00	63.0	dB (A) Leq	IS 9989	75
10.	15:00 - 16:00	68.8	dB (A) Leq	IS 9989	75
11.	16:00 - 17:00	72.9	dB (A) Leq	IS 9989	75
12.	17:00 - 18:00	70.3	dB (A) Leq	IS 9989	75

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 06/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Project Site	
Sampling Date		01.07.2024	
Sampling Instrument	Sound Level Meter	Ldn	67.0
Lmax (Day)	72.9	Lmax (Night)	64.1
Lmin (Day)	59.5	Lmin (Night)	54.5
Leq (Day)	68.4	Leq (Night)	60.5

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	68.6	dB (A) Leq	IS 9989	75
14.	19:00 - 20:00	67.4	dB (A) Leq	IS 9989	75
15.	20:00 - 21:00	66.8	dB (A) Leq	IS 9989	75
16.	21:00 - 22:00	65.3	dB (A) Leq	IS 9989	75
17.	22:00 - 23:00	64.1	dB (A) Leq	IS 9989	70
18.	23:00 - 12:00	62.8	dB (A) Leq	IS 9989	70
19.	12:00 - 01:00	61.9	dB (A) Leq	IS 9989	70
20.	01:00 - 02:00	57.6	dB (A) Leq	IS 9989	70
21.	02:00 - 03:00	54.5	dB (A) Leq	IS 9989	70
22.	03:00 - 04:00	56.6	dB (A) Leq	IS 9989	70
23.	04:00 - 05:00	58.6	dB (A) Leq	IS 9989	70
24.	05:00 - 06:00	59.1	dB (A) Leq	IS 9989	70

Analysis By

Anurag Kr

Anurag Kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:06/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Siracha Village	
Sampling Date		04.07.2024	
Sampling Instrument	Sound Level Meter	Ldn	56.1
Lmax (Day)	60.0	Lmax (Night)	59.0
Lmin (Day)	49.6	Lmin (Night)	42.1
Leq (Day)	57.6	Leq (Night)	48.0

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	49.6	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	51.7	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	53.0	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	55.1	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	59.0	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	59.3	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	58.6	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	58.0	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	57.8	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	60.0	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	59.6	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	59.1	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date:06/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Siracha Village	
Sampling Date		04.07.2024	
Sampling Instrument	Sound Level Meter	Ldn	56.1
Lmax (Day)	60.0	Lmax (Night)	59.0
Lmin (Day)	49.6	Lmin (Night)	42.1
Leq (Day)	57.6	Leq (Night)	48.0

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	59.0	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	58.3	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	55.5	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	54.8	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	51.1	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	49.3	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	46.5	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	46.0	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	42.1	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	47.4	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	47.3	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	49.0	dB (A) Leq	IS 9989	55

Analysis By

Anurag Kr

Anurag Kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:06/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Navinal Village	
Sampling Date		08.07.2024	
Sampling Instrument	Sound Level Meter	Ldn	58.8
Lmax (Day)	66.5	Lmax (Night)	48.1
Lmin (Day)	42.9	Lmin (Night)	40.9
Leq (Day)	60.5	Leq (Night)	44.9

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	46.4	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	54.5	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	59.7	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	66.5	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	64.5	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	62.6	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	61.8	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	59.5	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	63.1	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	53.5	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	64.2	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	53.6	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 06/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Navinal Village	
Sampling Date		08.07.2024	
Sampling Instrument	Sound Level Meter	Ldn	58.8
Lmax (Day)	66.5	Lmax (Night)	48.1
Lmin (Day)	42.9	Lmin (Night)	40.9
Leq (Day)	60.5	Leq (Night)	44.9

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	50.5	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	49.6	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	45.1	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	42.9	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	45.8	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	44.3	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	46.5	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	41.6	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	40.9	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	42.4	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	44.5	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	48.1	dB (A) Leq	IS 9989	55

Analysis By
Anurag kr
Anurag kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By
Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:06/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Nr. Zarapara Village	
Sampling Date		11.07.2024	
Sampling Instrument	Sound Level Meter	Ldn	57.2
Lmax (Day)	62.8	Lmax (Night)	49.0
Lmin (Day)	49.7	Lmin (Night)	44.5
Leq (Day)	58.8	Leq (Night)	46.6

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	49.7	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	50.2	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	58.6	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	62.3	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	62.0	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	62.8	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	60.3	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	59.9	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	55.6	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	52.3	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	56.5	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	57.0	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 06/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Nr. Zarapara Village	
Sampling Date		11.07.2024	
Sampling Instrument	Sound Level Meter	Ldn	57.2
Lmax (Day)	62.8	Lmax (Night)	49.0
Lmin (Day)	49.7	Lmin (Night)	44.5
Leq (Day)	58.8	Leq (Night)	46.6

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	58.6	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	58.9	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	57.8	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	55.6	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	48.9	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	46.2	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	46.8	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	45.0	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	44.9	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	44.5	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	45.0	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	49.0	dB (A) Leq	IS 9989	55

Analysis By
Anurag Kr
Anurag kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By
Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:06/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Project Site	
Sampling Date		15.07.2024	
Sampling Instrument	Sound Level Meter	Ldn	68.2
Lmax (Day)	74.2	Lmax (Night)	65.4
Lmin (Day)	60.8	Lmin (Night)	55.6
Leq (Day)	69.6	Leq (Night)	61.5

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	60.8	dB (A) Leq	IS 9989	75
2.	07:00 - 08:00	62.5	dB (A) Leq	IS 9989	75
3.	08:00 - 09:00	64.6	dB (A) Leq	IS 9989	75
4.	09:00 - 10:00	71.7	dB (A) Leq	IS 9989	75
5.	10:00 - 11:00	72.8	dB (A) Leq	IS 9989	75
6.	11:00 - 12:00	71.9	dB (A) Leq	IS 9989	75
7.	12:00 - 13:00	67.1	dB (A) Leq	IS 9989	75
8.	13:00 - 14:00	65.7	dB (A) Leq	IS 9989	75
9.	14:00 - 15:00	64.3	dB (A) Leq	IS 9989	75
10.	15:00 - 16:00	70.1	dB (A) Leq	IS 9989	75
11.	16:00 - 17:00	74.2	dB (A) Leq	IS 9989	75
12.	17:00 - 18:00	71.6	dB (A) Leq	IS 9989	75

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 06/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Project Site	
Sampling Date		15.07.2024	
Sampling Instrument	Sound Level Meter	Ldn	68.2
Lmax (Day)	74.2	Lmax (Night)	65.4
Lmin (Day)	60.8	Lmin (Night)	55.6
Leq (Day)	69.6	Leq (Night)	61.5

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	69.9	dB (A) Leq	IS 9989	75
14.	19:00 - 20:00	68.7	dB (A) Leq	IS 9989	75
15.	20:00 - 21:00	68.1	dB (A) Leq	IS 9989	75
16.	21:00 - 22:00	66.6	dB (A) Leq	IS 9989	75
17.	22:00 - 23:00	65.4	dB (A) Leq	IS 9989	70
18.	23:00 - 12:00	64.1	dB (A) Leq	IS 9989	70
19.	12:00 - 01:00	63.2	dB (A) Leq	IS 9989	70
20.	01:00 - 02:00	58.3	dB (A) Leq	IS 9989	70
21.	02:00 - 03:00	55.6	dB (A) Leq	IS 9989	70
22.	03:00 - 04:00	57.4	dB (A) Leq	IS 9989	70
23.	04:00 - 05:00	58.1	dB (A) Leq	IS 9989	70
24.	05:00 - 06:00	59.8	dB (A) Leq	IS 9989	70

Analysis By

Anurag K.r

Anurag kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:06/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Siracha Village	
Sampling Date		18.07.2024	
Sampling Instrument	Sound Level Meter	Ldn	59.2
Lmax (Day)	64.9	Lmax (Night)	53.3
Lmin (Day)	52.4	Lmin (Night)	47.7
Leq (Day)	60.8	Leq (Night)	50.6

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	54.4	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	57.4	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	60.3	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	64.6	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	64.9	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	64.4	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	59.7	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	57.9	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	58.1	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	58.7	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	60.0	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	62.1	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 06/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Siracha Village	
Sampling Date		18.07.2024	
Sampling Instrument	Sound Level Meter	Ldn	59.2
Lmax (Day)	64.9	Lmax (Night)	53.3
Lmin (Day)	52.4	Lmin (Night)	47.7
Leq (Day)	60.8	Leq (Night)	50.6

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	63.1	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	55.4	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	52.4	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	54.6	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	53.3	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	50.3	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	48.7	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	47.7	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	49.9	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	50.2	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	50.4	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	51.6	dB (A) Leq	IS 9989	55

Analysis By
Anurag Kumar

Approved By
Ramakant Panday

GO GREEN MECHANISMS PVT. LTD.

END

Go Green Mechanisms Pvt.Ltd.

Reporting Date:30/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Project Site	
Sampling Date		01.08.2024	
Sampling Instrument	Sound Level Meter	Ldn	65.6
Lmax (Day)	71.5	Lmax (Night)	62.7
Lmin (Day)	58.1	Lmin (Night)	53.1
Leq (Day)	67.0	Leq (Night)	59.1

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	58.1	dB (A) Leq	IS 9989	75
2.	07:00 - 08:00	60.8	dB (A) Leq	IS 9989	75
3.	08:00 - 09:00	62.2	dB (A) Leq	IS 9989	75
4.	09:00 - 10:00	69.0	dB (A) Leq	IS 9989	75
5.	10:00 - 11:00	70.8	dB (A) Leq	IS 9989	75
6.	11:00 - 12:00	69.2	dB (A) Leq	IS 9989	75
7.	12:00 - 13:00	64.4	dB (A) Leq	IS 9989	75
8.	13:00 - 14:00	63.0	dB (A) Leq	IS 9989	75
9.	14:00 - 15:00	61.6	dB (A) Leq	IS 9989	75
10.	15:00 - 16:00	67.4	dB (A) Leq	IS 9989	75
11.	16:00 - 17:00	71.5	dB (A) Leq	IS 9989	75
12.	17:00 - 18:00	68.9	dB (A) Leq	IS 9989	75

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 30/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Project Site	
Sampling Date		01.08.2024	
Sampling Instrument	Sound Level Meter	Ldn	65.6
Lmax (Day)	71.5	Lmax (Night)	62.7
Lmin (Day)	58.1	Lmin (Night)	53.1
Leq (Day)	67.0	Leq (Night)	59.1

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	67.2	dB (A) Leq	IS 9989	75
14.	19:00 - 20:00	66.0	dB (A) Leq	IS 9989	75
15.	20:00 - 21:00	65.4	dB (A) Leq	IS 9989	75
16.	21:00 - 22:00	63.9	dB (A) Leq	IS 9989	75
17.	22:00 - 23:00	62.7	dB (A) Leq	IS 9989	70
18.	23:00 - 12:00	61.4	dB (A) Leq	IS 9989	70
19.	12:00 - 01:00	60.5	dB (A) Leq	IS 9989	70
20.	01:00 - 02:00	56.2	dB (A) Leq	IS 9989	70
21.	02:00 - 03:00	53.1	dB (A) Leq	IS 9989	70
22.	03:00 - 04:00	55.2	dB (A) Leq	IS 9989	70
23.	04:00 - 05:00	57.2	dB (A) Leq	IS 9989	70
24.	05:00 - 06:00	57.7	dB (A) Leq	IS 9989	70

Analysis By

Anurag Kr

Anurag Kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:30/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Siracha Village	
Sampling Date		05.08.2024	
Sampling Instrument	Sound Level Meter	Ldn	54.6
Lmax (Day)	58.5	Lmax (Night)	57.5
Lmin (Day)	48.1	Lmin (Night)	40.6
Leq (Day)	56.1	Leq (Night)	46.5

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	48.1	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	50.2	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	51.5	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	53.6	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	57.5	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	57.8	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	57.1	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	56.5	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	56.3	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	58.5	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	58.1	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	57.6	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date:30/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Siracha Village	
Sampling Date		05.08.2024	
Sampling Instrument	Sound Level Meter	Ldn	54.6
Lmax (Day)	58.5	Lmax (Night)	57.5
Lmin (Day)	48.1	Lmin (Night)	40.6
Leq (Day)	56.1	Leq (Night)	46.5

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	57.5	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	56.8	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	54.0	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	53.3	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	49.6	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	47.8	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	45.0	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	44.5	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	40.6	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	45.9	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	45.8	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	47.5	dB (A) Leq	IS 9989	55

Analysis By

Anurag Kr

Anurag Kumar

Approved By

Ramakant Panday

GO GREEN MECHANISMS PVT. LTD.

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:30/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Navinal Village	
Sampling Date		08.08.2024	
Sampling Instrument	Sound Level Meter	Ldn	56.6
Lmax (Day)	64.2	Lmax (Night)	47.3
Lmin (Day)	40.6	Lmin (Night)	41.7
Leq (Day)	58.3	Leq (Night)	45.0

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	46.1	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	52.2	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	57.4	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	64.2	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	62.2	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	60.3	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	59.5	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	57.2	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	60.8	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	51.2	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	61.9	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	51.3	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 30/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Navinal Village	
Sampling Date		08.08.2024	
Sampling Instrument	Sound Level Meter	Ldn	56.6
Lmax (Day)	64.2	Lmax (Night)	47.3
Lmin (Day)	40.3	Lmin (Night)	41.7
Leq (Day)	58.3	Leq (Night)	45.0

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	48.2	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	47.3	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	42.8	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	40.6	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	44.6	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	45.1	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	47.3	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	42.4	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	41.7	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	43.2	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	45.3	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	46.9	dB (A) Leq	IS 9989	55

Analysis By
Anurag Kr
Anurag kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By
Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:30/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Nr. Zarpara Village	
Sampling Date		12.08.2024	
Sampling Instrument	Sound Level Meter	Ldn	55.4
Lmax (Day)	61.0	Lmax (Night)	47.2
Lmin (Day)	47.9	Lmin (Night)	42.7
Leq (Day)	57.0	Leq (Night)	44.8

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	47.9	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	48.4	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	56.8	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	60.5	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	60.2	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	61.0	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	58.5	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	58.1	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	53.8	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	50.5	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	54.7	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	55.2	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 30/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Nr. Zarpara Village	
Sampling Date		12.08.2024	
Sampling Instrument	Sound Level Meter	Ldn	55.4
Lmax (Day)	61.0	Lmax (Night)	47.2
Lmin (Day)	47.9	Lmin (Night)	42.7
Leq (Day)	57.0	Leq (Night)	44.8

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	56.8	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	57.1	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	56.0	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	53.8	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	47.1	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	44.4	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	45.0	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	43.2	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	43.1	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	42.7	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	43.2	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	47.2	dB (A) Leq	IS 9989	55

Analysis By
Anurag Kr
Anurag kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By
Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:30/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Project Site	
Sampling Date		15.08.2024	
Sampling Instrument	Sound Level Meter	Ldn	66.4
Lmax (Day)	72.4	Lmax (Night)	63.6
Lmin (Day)	59.0	Lmin (Night)	53.8
Leq (Day)	67.8	Leq (Night)	59.7

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	59.0	dB (A) Leq	IS 9989	75
2.	07:00 - 08:00	60.7	dB (A) Leq	IS 9989	75
3.	08:00 - 09:00	62.8	dB (A) Leq	IS 9989	75
4.	09:00 - 10:00	69.9	dB (A) Leq	IS 9989	75
5.	10:00 - 11:00	71.0	dB (A) Leq	IS 9989	75
6.	11:00 - 12:00	70.1	dB (A) Leq	IS 9989	75
7.	12:00 - 13:00	65.3	dB (A) Leq	IS 9989	75
8.	13:00 - 14:00	63.9	dB (A) Leq	IS 9989	75
9.	14:00 - 15:00	62.5	dB (A) Leq	IS 9989	75
10.	15:00 - 16:00	68.3	dB (A) Leq	IS 9989	75
11.	16:00 - 17:00	72.4	dB (A) Leq	IS 9989	75
12.	17:00 - 18:00	69.8	dB (A) Leq	IS 9989	75

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 30/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Project Site	
Sampling Date		15.08.2024	
Sampling Instrument	Sound Level Meter	Ldn	66.4
Lmax (Day)	72.4	Lmax (Night)	63.6
Lmin (Day)	59.0	Lmin (Night)	53.8
Leq (Day)	67.8	Leq (Night)	59.7

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	68.1	dB (A) Leq	IS 9989	75
14.	19:00 - 20:00	66.9	dB (A) Leq	IS 9989	75
15.	20:00 - 21:00	66.3	dB (A) Leq	IS 9989	75
16.	21:00 - 22:00	64.8	dB (A) Leq	IS 9989	75
17.	22:00 - 23:00	63.6	dB (A) Leq	IS 9989	70
18.	23:00 - 12:00	62.3	dB (A) Leq	IS 9989	70
19.	12:00 - 01:00	61.4	dB (A) Leq	IS 9989	70
20.	01:00 - 02:00	56.5	dB (A) Leq	IS 9989	70
21.	02:00 - 03:00	53.8	dB (A) Leq	IS 9989	70
22.	03:00 - 04:00	55.6	dB (A) Leq	IS 9989	70
23.	04:00 - 05:00	56.3	dB (A) Leq	IS 9989	70
24.	05:00 - 06:00	58.0	dB (A) Leq	IS 9989	70

Analysis By

Anurag kr

Anurag kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By

Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:30/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Siracha Village	
Sampling Date		19.08.2024	
Sampling Instrument	Sound Level Meter	Ldn	57.8
Lmax (Day)	63.5	Lmax (Night)	51.3
Lmin (Day)	51.0	Lmin (Night)	45.5
Leq (Day)	59.4	Leq (Night)	48.6

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	53.0	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	56.0	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	58.9	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	63.2	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	63.5	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	63.0	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	58.3	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	56.5	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	56.7	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	57.3	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	58.6	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	60.7	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT.LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 30/08/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Siracha Village	
Sampling Date		19.08.2024	
Sampling Instrument	Sound Level Meter	Ldn	57.8
Lmax (Day)	63.5	Lmax (Night)	51.3
Lmin (Day)	51.0	Lmin (Night)	45.5
Leq (Day)	59.4	Leq (Night)	48.6

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	61.7	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	54.0	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	51.0	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	53.2	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	51.3	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	48.6	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	47.3	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	46.3	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	45.5	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	47.8	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	48.9	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	50.2	dB (A) Leq	IS 9989	55

Analysis By
Anurag Kr
Anurag Kumar

GO GREEN MECHANISMS PVT. LTD.

Approved By
Ramakant Panday

.....END.....

Go Green Mechanisms Pvt.Ltd.

Reporting Date:04/10/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Project Site	
Sampling Date		02.09.2024	
Sampling Instrument	Sound Level Meter	Ldn	67.8
Lmax (Day)	73.5	Lmax (Night)	64.5
Lmin (Day)	61.0	Lmin (Night)	56.0
Leq (Day)	69.2	Leq (Night)	60.8

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	61.0	dB (A) Leq	IS 9989	75
2.	07:00 - 08:00	62.4	dB (A) Leq	IS 9989	75
3.	08:00 - 09:00	65.1	dB (A) Leq	IS 9989	75
4.	09:00 - 10:00	68.8	dB (A) Leq	IS 9989	75
5.	10:00 - 11:00	71.6	dB (A) Leq	IS 9989	75
6.	11:00 - 12:00	72.1	dB (A) Leq	IS 9989	75
7.	12:00 - 13:00	67.3	dB (A) Leq	IS 9989	75
8.	13:00 - 14:00	65.9	dB (A) Leq	IS 9989	75
9.	14:00 - 15:00	64.5	dB (A) Leq	IS 9989	75
10.	15:00 - 16:00	70.3	dB (A) Leq	IS 9989	75
11.	16:00 - 17:00	73.5	dB (A) Leq	IS 9989	75
12.	17:00 - 18:00	71.8	dB (A) Leq	IS 9989	75

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 04/10/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Project Site	
Sampling Date		02.09.2024	
Sampling Instrument	Sound Level Meter	Ldn	67.8
Lmax (Day)	73.5	Lmax (Night)	64.5
I min (Day)	61.0	Lmin (Night)	56.0
Leq (Day)	69.2	Leq (Night)	60.8

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	70.1	dB (A) Leq	IS 9989	75
14.	19:00 - 20:00	68.9	dB (A) Leq	IS 9989	75
15.	20:00 - 21:00	68.3	dB (A) Leq	IS 9989	75
16.	21:00 - 22:00	66.8	dB (A) Leq	IS 9989	75
17.	22:00 - 23:00	64.5	dB (A) Leq	IS 9989	70
18.	23:00 - 12:00	62.5	dB (A) Leq	IS 9989	70
19.	12:00 - 01:00	60.3	dB (A) Leq	IS 9989	70
20.	01:00 - 02:00	59.1	dB (A) Leq	IS 9989	70
21.	02:00 - 03:00	56.0	dB (A) Leq	IS 9989	70
22.	03:00 - 04:00	58.1	dB (A) Leq	IS 9989	70
23.	04:00 - 05:00	60.1	dB (A) Leq	IS 9989	70
24.	05:00 - 06:00	60.6	dB (A) Leq	IS 9989	70

Analysis By

Anurag. Kr.

Anurag Kumar

Approved By

Ramakant Panday

END

Go Green Mechanisms Pvt.Ltd.

Reporting Date:04/10/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Siracha Village	
Sampling Date		05.09.2024	
Sampling Instrument	Sound Level Meter	Ldn	57.6
Lmax (Day)	61.5	Lmax (Night)	60.5
Lmin (Day)	51.1	Lmin (Night)	43.6
Leq (Day)	59.1	Leq (Night)	49.5

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	51.1	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	53.2	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	54.5	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	56.6	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	60.5	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	60.8	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	60.1	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	59.5	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	59.3	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	61.5	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	61.1	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	60.6	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date:04/10/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Siracha Village	
Sampling Date		05.09.2024	
Sampling Instrument	Sound Level Meter	Ldn	57.6
Lmax (Day)	61.5	Lmax (Night)	60.5
Lmin (Day)	51.1	Lmin (Night)	43.6
Leq (Day)	59.1	Leq (Night)	49.5

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	60.5	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	59.8	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	57.0	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	56.3	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	52.6	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	50.8	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	48.0	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	47.5	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	43.6	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	48.9	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	48.8	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	50.5	dB (A) Leq	IS 9989	55

Analysis By

Anurag Kumar

Approved By

Ramakant Panday

END

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date:04/10/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Navinal Village	
Sampling Date		09.09.2024	
Sampling Instrument	Sound Level Meter	Ldn	56.7
Lmax (Day)	65.2	Lmax (Night)	46.9
Lmin (Day)	41.7	Lmin (Night)	39.7
Leq (Day)	58.4	Leq (Night)	43.7

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	45.2	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	53.3	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	58.5	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	65.2	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	63.3	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	61.4	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	60.6	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	58.3	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	56.8	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	52.3	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	55.8	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	52.4	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 04/10/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Navinal Village	
Sampling Date		09.09.2024	
Sampling Instrument	Sound Level Meter	Ldn	56.7
Lmax (Day)	65.2	Lmax (Night)	46.9
Lmin (Day)	41.7	Lmin (Night)	39.7
Leq (Day)	58.4	Leq (Night)	43.7

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	49.3	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	48.4	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	43.9	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	41.7	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	44.6	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	43.1	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	45.3	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	40.4	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	39.7	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	41.2	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	43.3	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	46.9	dB (A) Leq	IS 9989	55

Analysis By
Anurag kumar

Approved By
Ramakant Panday

.....END.....

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date:04/10/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Jarpra Village	
Sampling Date		12.09.2024	
Sampling Instrument	Sound Level Meter	Ldn	56.1
Lmax (Day)	61.7	Lmax (Night)	47.9
Lmin (Day)	48.6	Lmin (Night)	42.5
Leq (Day)	57.8	Leq (Night)	45.5

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	48.6	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	51.2	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	57.5	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	61.2	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	60.9	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	61.7	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	59.2	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	58.8	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	54.5	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	53.8	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	55.4	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	55.9	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 04/10/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Jarpra Village	
Sampling Date		12.09.2024	
Sampling Instrument	Sound Level Meter	Ldn	56.1
Lmax (Day)	61.7	Lmax (Night)	47.9
Lmin (Day)	48.6	Lmin (Night)	42.5
Leq (Day)	57.8	Leq (Night)	45.5

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	57.5	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	57.8	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	56.7	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	54.5	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	47.8	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	45.1	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	45.7	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	43.9	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	42.5	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	43.4	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	44.2	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	47.9	dB (A) Leq	IS 9989	55

Analysis By
Anurag.k.r.
Anurag kumar

Approved By
Ramakant Panday

END

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date:04/10/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Siracha Village	
Sampling Date		19.09.2024	
Sampling Instrument	Sound Level Meter	Ldn	58.0
Lmax (Day)	64.4	Lmax (Night)	52.0
Lmin (Day)	52.1	Lmin (Night)	46.4
Leq (Day)	59.6	Leq (Night)	49.3

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	53.1	dB (A) Leq	IS 9989	65
2.	07:00 - 08:00	56.1	dB (A) Leq	IS 9989	65
3.	08:00 - 09:00	59.0	dB (A) Leq	IS 9989	65
4.	09:00 - 10:00	64.4	dB (A) Leq	IS 9989	65
5.	10:00 - 11:00	63.8	dB (A) Leq	IS 9989	65
6.	11:00 - 12:00	62.5	dB (A) Leq	IS 9989	65
7.	12:00 - 13:00	58.4	dB (A) Leq	IS 9989	65
8.	13:00 - 14:00	56.6	dB (A) Leq	IS 9989	65
9.	14:00 - 15:00	56.8	dB (A) Leq	IS 9989	65
10.	15:00 - 16:00	57.4	dB (A) Leq	IS 9989	65
11.	16:00 - 17:00	58.7	dB (A) Leq	IS 9989	65
12.	17:00 - 18:00	60.8	dB (A) Leq	IS 9989	65

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 04/10/2024

AMBIENT NOISE MONITORING REPORT

Company Name	Kutch Copper Limited

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Siracha Village	
Sampling Date		19.09.2024	
Sampling Instrument	Sound Level Meter	Ldn	58.0
Lmax (Day)	64.4	Lmax (Night)	52.0
Lmin (Day)	52.1	Lmin (Night)	46.4
Leq (Day)	59.6	Leq (Night)	49.3

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	61.8	dB (A) Leq	IS 9989	65
14.	19:00 - 20:00	54.1	dB (A) Leq	IS 9989	65
15.	20:00 - 21:00	52.1	dB (A) Leq	IS 9989	65
16.	21:00 - 22:00	53.3	dB (A) Leq	IS 9989	65
17.	22:00 - 23:00	52.0	dB (A) Leq	IS 9989	55
18.	23:00 - 12:00	49.0	dB (A) Leq	IS 9989	55
19.	12:00 - 01:00	47.4	dB (A) Leq	IS 9989	55
20.	01:00 - 02:00	46.4	dB (A) Leq	IS 9989	55
21.	02:00 - 03:00	48.6	dB (A) Leq	IS 9989	55
22.	03:00 - 04:00	48.9	dB (A) Leq	IS 9989	55
23.	04:00 - 05:00	49.1	dB (A) Leq	IS 9989	55
24.	05:00 - 06:00	50.3	dB (A) Leq	IS 9989	55

Analysis By
Anurag Kumar

Approved By
Ramakant Panday

END

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date:04/10/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Project Site	
Sampling Date		16.09.2024	
Sampling Instrument	Sound Level Meter	Ldn	67.1
Lmax (Day)	73.1	Lmax (Night)	64.3
Lmin (Day)	59.7	Lmin (Night)	53.7
Leq (Day)	68.6	Leq (Night)	59.5

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
1.	06:00 - 07:00	59.7	dB (A) Leq	IS 9989	75
2.	07:00 - 08:00	61.4	dB (A) Leq	IS 9989	75
3.	08:00 - 09:00	64.5	dB (A) Leq	IS 9989	75
4.	09:00 - 10:00	70.6	dB (A) Leq	IS 9989	75
5.	10:00 - 11:00	71.7	dB (A) Leq	IS 9989	75
6.	11:00 - 12:00	70.5	dB (A) Leq	IS 9989	75
7.	12:00 - 13:00	67.8	dB (A) Leq	IS 9989	75
8.	13:00 - 14:00	64.6	dB (A) Leq	IS 9989	75
9.	14:00 - 15:00	63.2	dB (A) Leq	IS 9989	75
10.	15:00 - 16:00	69.0	dB (A) Leq	IS 9989	75
11.	16:00 - 17:00	73.1	dB (A) Leq	IS 9989	75
12.	17:00 - 18:00	71.5	dB (A) Leq	IS 9989	75

GO GREEN MECHANISMS PVT. LTD.

Go Green Mechanisms Pvt.Ltd.

Reporting Date: 04/10/2024

AMBIENT NOISE MONITORING REPORT

Company Name	**Kutch Copper Limited**

On Site 24 Hourly Monitoring Results

Sample Type		Ambient Noise Monitoring	
Location		Project Site	
Sampling Date		16.09.2024	
Sampling Instrument	Sound Level Meter	Ldn	67.1
Lmax (Day)	73.1	Lmax (Night)	64.3
Lmin (Day)	59.7	Lmin (Night)	53.7
Leq (Day)	68.6	Leq (Night)	59.5

Sr. No.	Time	Hourly Leq	Unit	Test Method	Norms
13.	18:00 - 19:00	68.4	dB (A) Leq	IS 9989	75
14.	19:00 - 20:00	67.6	dB (A) Leq	IS 9989	75
15.	20:00 - 21:00	66.4	dB (A) Leq	IS 9989	75
16.	21:00 - 22:00	65.5	dB (A) Leq	IS 9989	75
17.	22:00 - 23:00	64.3	dB (A) Leq	IS 9989	70
18.	23:00 - 12:00	63.0	dB (A) Leq	IS 9989	70
19.	12:00 - 01:00	58.1	dB (A) Leq	IS 9989	70
20.	01:00 - 02:00	57.2	dB (A) Leq	IS 9989	70
21.	02:00 - 03:00	54.5	dB (A) Leq	IS 9989	70
22.	03:00 - 04:00	53.7	dB (A) Leq	IS 9989	70
23.	04:00 - 05:00	54.7	dB (A) Leq	IS 9989	70
24.	05:00 - 06:00	56.3	dB (A) Leq	IS 9989	70

Analysis By

Anurag. k.r.

Anurag kumar

Approved By

Ramakant Panday

END