



REGISTERED A.D.

DZS/ENV/A-01/ENV/2024-25//20

Date: 08/05/2025

To,
Member Secretary
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongri,
Jaipur-302004

Sub: Compliance report for Zinc Smelter (80,000 ton to 1,00,000 ton) at Debari, Udaipur, Rajasthan by Hindustan Zinc Limited.

Ref.: J-11011/479/2006-IA.II(I) dated 19th /25th March, 2008

Dear Sir,

With reference to the above-mentioned subject, please find enclosed herewith the compliance report of stipulated condition of Environment clearance for the period from Oct 24 to March 2025 for Zinc Smelter, Debari.

Thanking you, Yours faithfully

(SBU Director, ZSD)

C.C.: 1. Regional Officer,

Rajasthan State Pollution Control Board F-470, Mewar Industrial Area, UCCI-UDAIPUR (RAJ)-313001

2. Scientist 'D' & In charge Zonal Office (Central), Central Pollution Control Board, 3rd Floor, Sahkar Bhawan, North T.T. Nagar, Bhopal- 462003

3. The Deputy Director (S)/ Scientist- C,
Ministry of Environment, Forest & Climate Change
Integrated Regional Office, A- 209 & 218, Aranya Bhawan,
Jhalana Institutional Area, Jaipur (Rajasthan) - 302004

0/



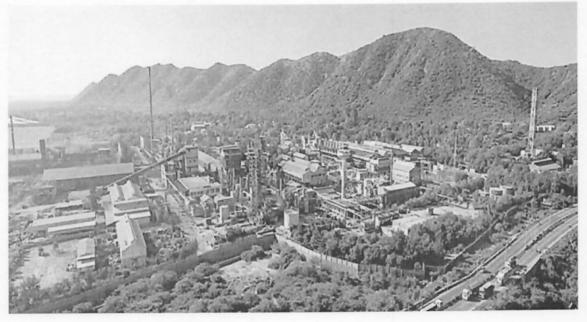


Six Monthly Compliance Report

of

Environmental Clearance Conditions

for



Zinc Smelter Debari
M/s Hindustan Zinc Limited
Debari – 313024, Udaipur, Rajasthan

For the period

1st Oct 2024 to 31st March 2025

(EC Letter No. J-11011/479/2006-IA .II (I) dated 19th March, 2008)

May, 2025

S. No.	Particulars	Details	
1	Name of Project	M/s Hindustan Zinc Limited, Zinc Smelter Debari	
2	Address of Droiset	M/s Hindustan Zinc Limited, Zinc Smelter Debari,	
2	Address of Project	Village Debari, District- Udaipur, Rajasthan	
2	Environment Clearance	Letter No. J-11011/479/2006-IA .II (I) dated 19th March,	
3	Letter no & Date	2008	
4	Status of Project	Operational	

Zinc Smelter Debari of Hindustan Zinc Limited, located at Udaipur District of Rajasthan, over a lease area of 190.05 Ha. The smelter is based on hydrometallurgical zinc smelting technology through Roast-Leach-Electrowinning process.

S. No.	Unit	Capacity	Year of Commissioning	Production (FY 24-25)
1	Zinc Smelter	Zn: 1,00,000 TPA	1968	84576 MT

Details of Consents to Operate & Hazardous Waste Authorization (HWA) granted to unit are given below:

Unit Name	CTO / HWA References File Nos.		
CTO Details			
Zinc Smelter, Debari	F(HDF)/Udaipur(Girwa)/1328(1)/2022-2023/7460-7462 Dtd:17/03/2023		
Captive Power Plant	F(HDF)/Udaipur(Girwa)/1338(1)/2023-2024/6961-6963 Dtd:		
(D.G. Set 2x7.4 MW)	07/02/2024		
MCTP	F(HDF)/Udaipur(Girwa)/1330(1)/2023-2024/4374-4376 Dtd:		
IVICTP	09/10/2023		
Zinc Smelter	F(HDF)/Udaipur(Girwa)/1341(1)/2024-2025/1340-1342 Dtd:		
Township	05/08/2024		
Zinc Smelter	F(BMW)/Udaipur(Girwa)/7008(1)/2021-2022/1340-1341, dtd:		
Hospital	21/01/2022.		
	HWA Details		
Zinc Smelter, Debari	F(HSW)/Udaipur(Girwa)/7034(1)/2022-2023/7463-7465 Dtd:		
Zinc Sinciter, Deball	17/03/2023		

Name of the project: Expansion of Zinc Smelter (80,000 TPA to 1,00,000 TPA) at Debari, Udaipur Rajasthan by M/s Hindustan Zinc Ltd. — Environmental clearance regarding

Compliance Status

Bag filter MCTP

Online analyzer

Project Code:

Sr.No

Clearance Letter No.: J-11011/479/2006-IA.II (I) dated 19th / 25th March, 2008

Period of Compliance Report: 01st Oct 2024 to 31st March 2025

Condition

Specific Conditions:

31.140	Condition	Compilan	ice status
1	The company shall install on-line stack emission monitoring equipments for continuous monitoring of SO2, NOx, SPM and O2 and all the pollution control measures shall be interlocked. The company shall install fume extractors and bag filters to control the emissions from all melting and casting units including Moore cake treatment plant. Cyclone, scrubber, wet ESP, Fluoride removal plant, absorption tower, demister etc. shall be installed in the Sulphuric acid plant I & II to control dust and SO2 emissions within the stipulated limits of 50 mg/Nm3 and reports submitted to the Ministry including its Regional Office at Lucknow, CPCB and RSPCB.	All PCM's like Cyclone, scrutower, demister, etc. have Bag filters and fume extracoperated efficiently in Zicalcine handling system a plant. Online analysers for SO ₂ , are installed and connected are interlocked. AAQ more	been installed. ctors are provided and are inc Melting, casting unit, and Moore cake treatment NOx, SPM and emission and to PCB server. All PCEs positoring reports for the are attached as Annexure
	acid plant I & II to control dust and SO2 emissions within the stipulated limits of 50 mg/Nm3 and reports submitted to the Ministry including its Regional Office at Lucknow, CPCB and		
		Cyclone at Roster	Gas cleaning plant

SO₂ emissions shall be controlled less than 1.5 Kg/ton of Sulphuric acid (H₂SO₄) produced and acid mist less than 50 mg/Nm³.

SO₂ & Acid mist have been monitored on regular basis.

Paramet	Roa	ster-2	Roa	ster-3
Month	SO2 (mg/N m3)	Acid Mist (mg/N m3)	SO2 (mg/N m3)	Acid Mist (mg/N m3)
Oct'24	197.1	28.6	194.5	27
Nov'24	151	24.6	167.4	29.5
Dec'24	194.8	28.3	188.5	25.4
Jan'25	184.4	26.1	174.4	25.9
Feb'25	175.3	26.1	184.6	27
March'25	193	28.7	172	29.8

All stack monitoring reports for the period Oct 24 to March'25 are attached as Annexure – 1A

3 Secondary fugitive emissions from all the sources including Roaster plant shall be controlled, regularly monitored and data submitted to the Regional Office at Lucknow, CPCB and RSPCB.

Fugitive emission have been monitored and results are regularly submitted to RSPCB. Reports for the period Oct'24 to March'25 are attached as **Annexure –1 B.**

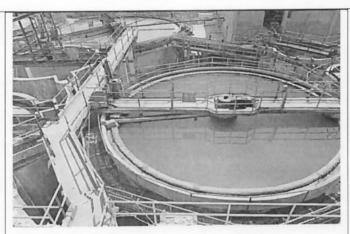
Total water requirement from Udai Sagar Dam shall not exceed 8,000 m3/day as per the agreement signed with Govt. of Rajasthan. No ground water will be used.

As reflected in the EIA/EMP, all the effluent generated from gas cleaning plant, Sulphuric acid plant, anode & cathode washing, demineralization plant and cooling tower shall be treated in the effluent treatment plant (ETP). The treated effluent shall conform to the prescribed standards and recycled to maintain the 'zero' discharge. Sewage shall be treated in sewage treatment plant (STP).

Total water consumption does not exceed 7,100 m³/day.

Sources of fresh water is Mansiwakal and treated water from Common Sewage Treatment Plant. No ground water is abstracted for use.

The effluents from these sources are treated in Effluent Treatment Plant followed by ETP(Capacity 5760 KLD) and further in RO-ZLD with MVR system (Capacity 3000 KLD) to ensure effective treatment and Zero Liquid Discharge (ZLD) and to improve quality and quantity of treated water and its recycling in process. All treated water is being used in process. Additional RO-ZLD with MVR system is also ensures effective and mechanized evaporation and treatment of Reject generated from treatment process.



Effluent treatment plant (ETP)

The sample of treated effluent are regularly collected and analyzed as per IS & CPCB approved procedures & treated effluent confirms the limits prescribed by the Board.

The treated water is recycled and zero discharge is maintained.

Reports of treated effluent for the period Oct'24 to March'25 are attached as **Annexure –2**.

Domestic effluent from plant and colony is treated in sewage treatment plant (STP). Reports of treated effluent of plant & colony for the period Oct'24 to March'25 are attached as Annexure –3A & 3B.

Results of Piezowells for period of Oct'24 to March'25 are attached as **Annexure -4**.



Sewage treatment plant (STP)

All the process residues, spent catalyst, Cobalt cake, anode mud, cooler cake, Copper cake etc. shall be disposed off in common hazardous

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- Anode mud are recycled & Cooler cake, Spent catalyst are disposed at CTDF Gudli. Copies of manifest are submitted to RSPCB every month.
- Waste oil/used oil are sold to registered

waste management facility (CHWMF) at Gudli of M/s Ramky.

The Jarosite sludge shall be neutralized with hydrated lime and disposed off in secured landfill (SLF) inside the plant premises. ETP sludge in the form of cake shall be recycled in the Moore cake treatment Plant. Waste/used oil shall be sold to registered recyclers. Valid membership to CHWMF shall be obtained.

As proposed in EIA/EMP, canopy based green belt of adequate width and density in and around the around the periphery of plant in 67.5 ha. Out of total 190.05 ha. Shall be developed as per CPCB guidelines.

recyclers.

- 100 % of Jarosite generated from process is being sent for co-processing in cement industries.
- ETP sludge is disposed off in common hazardous waste management facility (CHWMF) at Gudli of M/s Re sustainability.
- All the process residues & other Hazardous wastes are handled & disposed as per granted Authorization & HWR-2016.
- Membership no. 373 obtained for CHWMF through UCCI, Udaipur vide letter no. UCCI/HWM-373/2024-25.

Around 76 hectare area is covered under green belt out of lease area of 190.05 hectare including lawns. Green belt developed in the factory is maintained.



Plantation view around the plant area



Permission and recommendations of the State Forest Department regarding impact of the proposed expansion on surrounding 18 reserve forests shall be obtained and all the recommendations shall be implemented. Further, Conversation Plan for the conservation of wild

In consultation with forest department following actions are taken for conservation of wild fauna around premises:

- Display board for awareness indicating conservation of wild fauna.
- Total 20000 no. plantation done in FY 23-24.
- Total 16200 no Plantation done till FY 24-25
- Preservation of trees and shrubs for

fauna in consultation with the State providing better niche for the animals. Forest Department shall be prepared Regular maintenance with dedicated team and implemented. and other resources is being done for existing plant, parks and green belt cover in factory area is carried out. Awareness program conducted for employees and their families on the occasion of National energy conservation day, Water day, Biodiversity day, Earth day & World Environment Day. Regular medical examination and Regularly, all the employees are undergoing health monitoring of all the periodical medical check-ups for health impact due employees for Lead (Pb) to industrial activity. Check up for lead and cadmium and Cadmium (Cd) shall be carried out and is carried out for all workmen working in that area if cases of presence of Lead (Pb) and and randomly for others. The blood samples are Cadmium (Cd) are detected, analyzed by expert team of HZL. We are having necessary compensation shall be qualified & experienced medical officers with us. arranged under the existing laws. A 1. Dr. Sumit Siroya – MBBS,PGDD,FID, AFIH with competent occupational health 13 years experience. physician shall be appointed to carry medical out surveillance. Records are maintained as per requirement. Occupational health of all the workers shall be monitored for relevant parameters and records maintained

mist.

Meeting SO₂ emission 950 mg/NM³ 1.5 Kg/tonne

of 100% H₂SO₄ produced, 50 mg/Nm³ of acid

Online SO₂ monitoring system has been installed at Acid Plant-2 & Acid Plant-3 and real time data

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for at least 40 years from the beginning of the employment or 15

retirement or

the

cessation of employment whichever is

All the recommendations made in

Charter for Corporate Responsibility

for Environment Protection (CREP) for

Zinc Smelter shall be implemented.

after

later.

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- is transmitted to PCB server. It is working satisfactorily.
- Solid and Hazardous Waste disposal: 100 % of Jarosite generated from process is being sent for co-processing in cement industries and other wastes are recycled / disposed as per authorization under HW (M, H & T) Rules 2016.
- Wastewater treatment and disposal: Dedicated ETP plant and RO-ZLD Plants are in operation and zero discharge is maintained by reuse/recycle. Domestic effluent is treated in STP and treated water is used in plantation.
- Housekeeping: Reduction of the generation of fugitive dust by Water spray, Regular water spray on roads and drain cleaning in entire plant area, routine cleaning activities, using Mechanical and hand- driven road vacuum cleaners and by installing Bag filters in Zinc melting, Calcine handling system and Moore cake section to minimize the dust emission.



Water spray tanker



Vaccum cleaner- Road sweeper



 Green Belt: The details of developed greenbelt as per CPCB guidelines is as below:

Total ZSD area: 190.05 Hectare Green-belt area: 76.0 Hectare

General Conditions:

Sr. No	Condition	Compliance Status
1	The project authorities must strictly adhere to the stipulations made by the Rajasthan State Pollution Control Board (RSPCB) and the State Government.	
2	No expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	Noted
3	The gaseous emissions from various process units shall conform to the standards prescribed by the concerned authorities from time to time. The Rajasthan State Pollution Control Board (RSPCB) may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location. At no time, the emissions level shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not	against specific condition no. 1 & 2 and are well within prescribed standards.

	be restarted until the control measures are rectified to achieve the desired efficiency.		_			
4	Adequate number of ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of SPM, SO2 and NOx are anticipated in consultation with the Rajasthan State Pollution Control Board. Data on ambient air quality and stack emission shall be regularly submitted to the Ministry including its Regional	establi Pollutio to state Third partied accred 1. The	mbient air qua shed in consu on Control Bo utory authorit party monitor I out by NA ited laborator result are sub gular basis. ng period are	Itation with ard. Reporties periodicting of Am BL, RSPCB by is attach mited to control of the aver	Rajasth ts are su ally. bient air and M ed as Ar oncern a rage va	an State ubmitted r quality loEF&CC nnexure uthority
	Office at Lucknow and the CPCB/		Avera	ige Value (i	n μg/ m	³)
	RSPCB once in six months.	Parameter	Laboratory	Near Railway gate	Near ETP	Near Solar
		PM ₁₀	74.9	59.4	62.6	59.1
		PM _{2.5}	44.55	35.9	37.5	35.9
		SO ₂	29.2 21.95	15.9 12.75	17.1 13.55	14.4 11.15
5	Fugitive emissions, acid mist vapours, fumes and SO ₂ shall be controlled and work environment monitored for prevailing contaminants regularly. Fugitive dust emissions in the handling area and at various transfer points shall be minimized by provision of dust suppression system. Bag filters shall be installed in Roaster, calcine handling & storage section, Zn atomizing unit, Dross milling section to control fugitive emissions. The company shall improve overall housekeeping by asphalting the internal roads and to reduce the generation of fugitive dust from vehicle movements.	regularly For dust done. All has been Bag filter fugitive e All the minimize	suppression so mechanize deployed to d s are installed	regular wad road swellean roads. at said local phalted & dust, mech	ater spra eeping nations to cementarionized v	aying is nachine control ted. To vacuum
6	Industrial wastewater shall be properly collected, treated so as to		nple of treat d and analyze			_

MoEF&CC accredited laboratory as per IS & CPCB approved procedures & treated effluent conforms the limits prescribed by the Board. The treated water is recycled and zero discharge is maintained. Authorization issued by RSPCB under the HW Rules vide RPCB letter no.
Rules vide RPCB letter no. F(HSW)/Udaipur(Girwa)/7034(1)/2022-2023/7463-7465 Dtd: 17/03/2023, is valid up to date 31-12-2027. Disposal / recycling / reuse of HWs is as per the revised Hazardous and Other Wastes Management and Transboundary Movement) Rules, 2016.
Noise control measures including acoustic noods, silencers, enclosures etc. have been provided on all sources of noise generation. Ambient noise level is monitored by MoEF&CC, RSPCB & NABL approved laboratory. Report for the period Oct'24 to March'25 is attached as Annexure -5.
Periodic Medical Examination for occupational health is done on regular basis and records are maintained. A 16 bedded occupation health centre with qualified doctor is available.
or Arshar

		A mbulance facility		
10	The project proponent shall also comply with all the environmental protection measures and safeguards maintained as per the EIA/EMP/ risk analysis and DMP report.	safeguards recommended in the EIA/EMP/ris analysis and DMP report have bee		
11	The project authorities shall provide Rs. 76.00 crores towards environmental pollution control measures to implement the	 Incurred Rs. 76 Crore toward pollution control measures. Breakup expenditure for Rs under: 	ds environmental	
	of Environment and Forests as well	Area/Equipments	Cost (Rs. in Crores)	
	as the Government and submit and	Acid Plant	33.0	
	implementation schedule for all the	Gas Cleaning	16.0	
	conditions stipulated herein to this	ESP,Bag Filter,Stacks	13.0	
	Ministry and its Regional Office at Lucknow.	Stack Analyser	0.5	
		Covered conveyers	2.0	
	The funds so provided shall not be diverted for any other purposes.	Modification/addition in water/ Effluent Treatment Facilities/RO Plant	5.0	
		Solid waste disposal facilities (Jarosite SLF etc)	5.0	
		Monitoring Facilities (Additional)	0.5	
		Green belt	1.0	
		Total	76.0	

		The Environmental expenditure for last five years
		are as under:
		2020-2021 Rs. 1078 Lacs
		2021-2022 Rs. 1193 Lacs
		2022-2023 Rs. 1632 Lacs
		2023-2024 Rs. 1305 Lacs
		2024-2025 Rs. 1399.58Lacs
12	The Regional Office of this Ministry	
12		0 ,
	at Lucknow, CPCB/RSPCB shall	7
	monitor the stipulated conditions.	on 27.11.2024
	A six monthly compliance report and	The same is also available on on following link at
	the monitored data along with	company website:
	statistical interpretation should be	https://www.hzlindia.com/wp-content/uploads/EC-
	submitted to them regularly.	Compliance_ZSD.pdf
13	The Project Proponent shall inform	Noted and informed.
	the public that the project has been	
	accorded environmental clearance	The information published in two local newspapers
	by the Ministry and copies if the	(Dainik Bhasker & Prthakal) on 25.03.2008). It was
	clearance letter are available with	forwarded to regional office on date. 25.03.2008.
	the Rajasthan Pollution Control	
	Board and may also be seen at	
	Website of the Ministry of	
	Environment and Forests at http://envfor.nic.in.	
	This shall be advertised within seven	
	days from the date of issue of the	
	clearance letter at least in two local	
	newspaper that are widely circulated	
	in the region of which one shall be in	
	the vernacular language of the	
	locality concerned and a copy of the	
	same shall be be forwarded to the	
-	Regional office.	
14	The project authorities shall inform	Date of commencement of land development work
	the Regional Office as well as the	is 4 th January-2007.
	Ministry, the date of financial closure	
	and final approval of the project by	
	the concerned authorities and the	
	date of commencing the land development work	
	development work	

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Sample ID No.: SCS/AAQ/20241127/02	
Dampie 1D 140.: SCS/AAQ/20241127/02	Date of Registration: 27.11.2024
Report No. SCS/HZL/AAQ/20241127/02(1/2)	
	Date of Report: 05.12.2024

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client Address of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan 27.11.2024

Date of Monitoring Date of start of testing Date of end of testing Duration of sampling

30.11.2024 05.12.2024 24 Hrs.

Type of Industry GPS Coordinate of the

Non-Ferrous Metal Industry

Location

24°36'14.19"N 73°48'51.18"E

Ambient Temperature

24.1°C

Name of Location Parameter required Near Environment Lab Area PM₁₀, PM_{2.5}, SO₂, NO_x O₃, CO, NH₃, Pb, Ni,

Benzene, B(a)P

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Particulate Matter (PM ₁₀)	72.5 μg/m ³	100 μg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	43.0 μg / m ³	60 μg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	14.0 μg / m ³	80 μg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	19.3 μg/m ³	80 μg / m ³	IS 5182 (Part 6)
Ozone (O ₃)	50.0 μg/m ³	100 μg / m ³	IS 5182 (Part 9)
Carbon Monoxide (CO)	1,031 µg/m ³	2,000 µg / m ³	SCS/SOP/AAQ/013
Ammonia (NH ₃)	42.0 μg/m ³	400 μg / m ³	IS 5182 (Part 25)
Lead (Pb)	_ 0.32 μg/m ³	1 μg/m ³	IS 5182 (Part 22)
Nickel (Ni)	2.37 ng/m ³	20 ng / m ³	IS 5182 (Part 26)
Benzene (C ₆ H ₆)	< 1.0 μg/m ³	5 μg / m ³	IS 5182 (Part 11)
Benzo(α)Pyrene (BaP) Particulate phase only	$< 1.0 \text{ ng/m}^3$	1 ng/m ³	IS 5182 (Part 12)

Per pro SCS Enviro Services Pvt, Ltd.,

Deces Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**



- The results refer only to the tested sample and applicable parameters.
- This report in full or in part, shall not be used for advertising or as evidence in any court of law.
- This report cannot be reproduced without the written permission of the director.
- The sample will be destroyed after 15 days from the date of issue of the test report.
- The liability of the laboratory is limited to the invoiced amount.
- All disputes are subjected to Jaipur jurisdiction.

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No. SCC14 A OMODALIANCE	
Sample ID No.: SCS/AAQ/20241127/02	Date of Registration: 27.11.2024
Report No. SCS/HZL/AAQ/20241127/02(2/2)	
2,002 (2221102(22))	Date of Report: 05.12.2024

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client Address of Client

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring 27.11.2024 Date of start of testing 30.11.2024 Date of end of testing 05.12.2024 **Duration of sampling**

24 Hrs.

Type of Industry GPS Coordinate of the

: Non-Ferrous Metal Industry 24°36'14.19"N

Location Ambient Temperature

73°48'51.18"E 24.1°C

Name of Location

Near Environment Lab Area

Parameter required

: As

RESULTS

A SALES
Contract of

Parameter	Observed Value	Limit as per NAAOS	Protocol
Arsenic (As)	$< 5.5 \text{ ng/m}^3$	6 ng/m ³	EPA/625/R-96/010a US EPA IO 3.4

Per pro SCS Enviro Services Pvt. Ltd.,

Jeecen Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**



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TC-13363

Sample ID No. COCH LO MANAGER	
Sample ID No.: SCS/AAQ/20241127/03	Date of Registration: 27.11.2024
Report No. SCS/HZL/AAQ/20241127/03(1/2)	
	Date of Report: 05.12.2024

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client Address of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing

27.11.2024 30.11.2024 05.12.2024

Date of end of testing Duration of sampling Type of Industry

24 Hrs. Non-Ferrous Metal Industry

GPS Coordinate of the

24°36'26.89"N

Location

73°48'50.95"E

Ambient Temperature

24.4°C

Name of Location Parameter required

Near SRP Ground Area PM₁₀, PM_{2.5}, SO₂, NO_x O₃, CO, NH₃, Pb, Ni,

Benzene, B(a)P



RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Particulate Matter (PM ₁₀)	56.3 μg/m ³	100 μg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	34.0 μg/m ³	60 μg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	7.8 μg/m ³	80 μg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	12.5 μg/m ³	80 μg / m ³	IS 5182 (Part 6)
Ozone (O ₃)	45.0 μg / m ³	100 μg / m ³	IS 5182 (Part 9)
Carbon Monoxide (CO)	802 μg / m ³	2,000 μg / m ³	SCS/SOP/AAQ/013
Ammonia (NH ₃)	40.0 μg / m ³	400 μg / m ³	IS 5182 (Part 25)
Lead (Pb)	0.12 μg / m ³	1 μg/m ³	IS 5182 (Part 22)
Nickel (Ni)	0.44 ng / m ³	20 ng / m ³	IS 5182 (Part 26)
Benzene (C ₆ H ₆)	< 1.0 µg/m ³	5 μg / m ³	IS 5182 (Part 11)
Benzo(α)Pyrene (BaP) Particulate phase only	< 1.0 ng / m ³	1 ng/m ³	IS 5182 (Part 12)

Per pro SCS Enviro Services Pvt.

Dr. D. S. Parihar (Technical Manager) Authorised Signatory



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/AAQ/20241127/03	Date of Registration: 27.11.2024
Report No. SCS/HZL/AAQ/20241127/03(2/2)	Date of Report: 05.12.2024

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring 27.11.2024 Date of start of testing 30.11.2024 Date of end of testing 05.12.2024 Duration of sampling 24 Hrs.

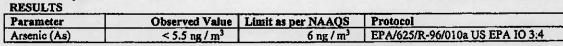
Type of Industry Non-Ferrous Metal Industry

GPS Coordinate of the 24°36'26.89"N Location 73°48'50.95"E

Ambient Temperature 24.4°C

Name of Location Near SRP Ground Area

Parameter required As



Per pro SCS Enviro Services Pyt. Ltd.,

Dr. D. S. Parihar (Technical Manager)

Authorised Signatory



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



TC-13363 IRG-8001:2015 CERTIFIED LABORATORY IRG-14001:2015 CERTIFIED LABORATORY IRG-14001:2015 CERTIFIED LABORATORY

Samula ID No COSCI A DISCONTINUE	
Sample ID No.: SCS/AAQ/20241127/04	Date of Registration: 27.11.2024
Report No. SCS/HZL/AAQ/20241127/04(1/2)	
	Date of Report: 05.12.2024

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Monitoring : 27.11.2024
Date of start of testing : 30.11.2024
Date of end of testing : 05.12.2024

Duration of sampling : 24 Hrs.

Type of Industry : Non-Ferrous Metal Industry

GPS Coordinate of the : 24°36′07.67″N Location 73°49′06.13″E

Ambient Temperature : 24.6°C
Name of Location : Near Solar Power Plant Area

Parameter required: PM10, PM2.5, SO2, NOx O3, CO, NH3, Pb, Ni,

Benzene, B(a)P



RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Particulate Matter (PM ₁₀)	57.9 μg/m ³	$100 \mu g / m^3$	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	35.3 μg/m ³	60 μg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	7.0 µg/m³	80 μg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	$10.5 \mu g / m^3$	80 μg / m ³	IS 5182 (Part 6)
Ozone (O ₃)	54.0 μg / m ³	100 μg / m ³	IS 5182 (Part 9)
Carbon Monoxide (CO)	802 μg/m ³	2,000 µg / m ³	SCS/SOP/AAQ/013
Ammonia (NH ₃)	46.0 μg / m ³	$400 \mu g / m^3$	IS 5182 (Part 25)
Lead (Pb)	0.25 μg / m ³	$1 \mu g/m^3$	IS 5182 (Part 22)
Arsenic (As)	< 1.0 ng / m ³	6 ng / m ³	IS 5182 (Part 22)
Nickel (Ni)	1.49 ng / m ³	20 ng/m ³	IS 5182 (Part 26)
Benzene (C ₆ H ₆)	< 1.0 μg/m ³	5 μg / m ³	IS 5182 (Part 11)
Benzo(a)Pyrene (BaP) Particulate phase only	< 1.0 ng / m ³	1 ng / m ³	IS 5182 (Part 12)

Per pro SCS Enviro Services Pyt. Ltd.

Dr. D. S. Parihar (Technical Manager) Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/AAQ/20241127/04		
Report No. SCS/HZL/AAQ/20241127/04(2/2)	Date of Registration: 27.11.2024	
1212/12/14/11/104(2/2)	Date of Report: 05.12.2024	

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client Address of Client M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan 27.11.2024

Date of Monitoring Date of start of testing Date of end of testing

30.11.2024 05.12.2024

Duration of sampling Type of Industry

24 Hrs. Non-Ferrous Metal Industry

GPS Coordinate of the Location

24°36'07.67"N 73°49'06.13"E

Ambient Temperature Name of Location

24.6°C Near Solar Power Plant Area

Parameter required

RESULTS



Parameter Observed Value | Limit as per NAAQS Protocol Arsenic (As) $< 5.5 \text{ ng/m}^3$ 6 ng / m3 EPA/625/R-96/010a US EPA IO 3.4

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) Authorised Signatory



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Sample ID No. COSIA COMPANIA	
Sample ID No.: SCS/AAQ/20250201/06	Date of Registration: 01.02.2025
Report No. SCS/HZL/AAQ/20250201/06(1/2)	
	Date of Report: 11.02.2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan 01.02.2025

Date of start of testing Date of end of testing Duration of sampling

03.02.2025 11.02.2025 24 Hrs.

Type of Industry GPS Coordinate of the Non-Ferrous Metal Industry

Location

24°36'14.17"N 73°48'51.16"E

Ambient Temperature

25.2°C

Name of Location

Near Environment Lab Area

Parameter required

PM10, PM2.5, SO2, NOx O3, CO, NH3, Pb, Ni,

Benzene, B(a)P



RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Particulate Matter (PM ₁₀)	77.3 µg / m ³	$100 \mu g / m^3$	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	46.1 μg/m ³	60 μg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	$15.2 \mu g / m^3$	80 μg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	24.6 μg / m ³	80 μg / m ³	IS 5182 (Part 6)
Ozone (O ₃)	56.0 μg / m ³	$100 \mu g / m^3$	IS 5182 (Part 9)
Carbon Monoxide (CO)	1,145 μg/m ³	2,000 µg / m ³	SCS/SOP/AAQ/013
Ammonia (NH ₃)	47.0 μg / m ³	400 μg / m ³	IS 5182 (Part 25)
Lead (Pb)	0.39 μg / m ³	1 μg/m ³	IS 5182 (Part 22)
Nickel (Ni)	2.85 ng/m ³	20 ng / m ³	IS 5182 (Part 26)
Benzene (C ₆ H ₆)	< 1.0 µg/m ³	5 μg/m ³	IS 5182 (Part 11)
Benzo(a)Pyrene (BaP) Particulate phase only	< 1,0 ng / m ³	1 ng/m ³	IS 5182 (Part 12)

Per pro SCS Enviro Services Pvt. Ltd.,

Jeecel Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/AAQ/20241127/05	Date of Registration: 27.11.2024
Report No. SCS/HZL/AAQ/20241127/05(2/2)	Date of Report; 05.12.2024

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Village: Debari, Udaipur-313024, Rajasthan Date of Monitoring

27.11.2024 Date of start of testing 30.11.2024 Date of end of testing 05.12.2024 Duration of sampling 24 Hrs.

Non-Ferrous Metal Industry Type of Industry

GPS Coordinate of the 24°36′19.45″N 73°49′18.42″E Location Ambient Temperature 24.8°C

Name of Location Near ETP / R O Plant Area

Parameter required As RESULTS



Parameter	Observed Value	Limit as per NAAQS	Protocol
Arsenic (As)	< 5.5 ng / m ³	6 ng / m ³	EPA/625/R-96/010a US EPA IO 3.4

Per pro SCS Enviro Services Pyt. Ltd.

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Sample ID No.: SCS/AAQ/20241127/05	
Report No. SCS/HZL/AAQ/20241127/05(1/2)	Date of Registration: 27.11.2024
	Date of Report: 05.12.2024

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan 27.11.2024

Date of start of testing Date of end of testing Duration of sampling

30.11.2024 05.12.2024 24 Hrs.

Type of Industry GPS Coordinate of the Non-Ferrous Metal Industry

Location

24°36'19.45"N 73°49′18.42″E

Ambient Temperature Name of Location

24.8°C

Near ETP / R O Plant Area

Parameter required

PM₁₀, PM_{2.5}, SO₂, NO₂, O₃, CO, NH₃, Pb, Ni,

Benzene, B(a)P

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Particulate Matter (PM ₁₀)	63.2 μg / m ³		
Particulate Matter (PM _{2,5})	38.0 µg / m ³	100 μg / m ³	IS 5182 (Part 23)
Sulphur Dioxide (SO ₂)		60 μg / m ³	IS 5182 (Part 24)
Oxide Of Nitrogen (NO _x)	8.3 μg/m ³	80 μg / m ³	IS 5182 (Part 2)
Ozone (O ₃)	14.1 μg/m ³	80 μg / m ³	IS 5182 (Part 6)
Carbon Monoxide (CO)	$49.0 \mu g / m^3$	100 μg / m ³	IS 5182 (Part 9)
	916 µg/m ³	2,000 μg / m ³	SCS/SOP/AAQ/013
Ammonia (NH ₃)	43.0 μg / m ³	$400 \mu g / m^3$	IS 5182 (Part 25)
Lead (Pb)	$0.30 \mu g / m^3$	1 μg/m ³	IS 5182 (Part 22)
Nickel (Ni)	1.80 ng / m ³	20 ng / m ³	IS 5182 (Part 26)
Benzene (C ₆ H ₆)	$< 1.0 \mu g / m^3$	5 μg/m ³	IS 5182 (Part 11)
Benzo(α)Pyrene (BaP) Particulate phase only	< 1.0 ng / m ³	1 ng/m ³	IS 5182 (Part 12)

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

0001:3018 CERTIFIED LABORAT 14801:2018 CERTIFIED LABORA 45001:2018 CERTIFIED LABORA

Sample ID No - SCS/A + O/20050004 (0)	
Sample ID No.: SCS/AAQ/20250201/06	Date of Registration: 01.02.2025
Depart No. SCS/HTL /A A D/20250204 (2505)	Diete of Registration, VI.VA.AVA3
Report No. SCS/HZL/AAQ/20250201/06(2/2)	Date of Report: 11.02.2025
	22te of Report. 11.02.2023

AMBIENT AIR QUALITY MONITORING REPORT

6 ng / m³

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan 01.02.2025

Observed Value | Limit as per NAAQS

Date of start of testing Date of end of testing Duration of sampling

03.02.2025 : 11.02.2025 24 Hrs.

Type of Industry

Non-Ferrous Metal Industry

GPS Coordinate of the Location

24°36'14.17"N 73°48'51.16"E

Ambient Temperature

25.2°C

Name of Location

Near Environment Lab Area

Parameter required RESULTS

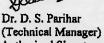
Parameter

As

Protocol

EPA/625/R-96/010a US EPA IO 3.4

Arsenic (As) $< 5.5 \text{ ng} / \text{m}^3$ Per pro SCS Enviro Services Pvt. Ltd.,





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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



RO-9801:2015 CERTIFIED LABORATO ISO-14001:2016 CERTIFIED LABORATO ISO-46001:2018 CERTIFIED LABORATO

Sample ID No.: SCS/AAQ/20250201/07	Date of Registration: 01.02.2025
Report No. SCS/HZL/AAQ/20250201/07(1/2)	Date of Report: 11.02,2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing Date of end of testing

01.02.2025 03.02.2025 11.02.2025 24 Hrs.

Duration of sampling Type of Industry GPS Coordinate of the

Non-Ferrous Metal Industry

24°36'26.86"N 73°48'50,93"E

Location Ambient Temperature

25.5°C

Name of Location

Near SRP Ground Area

Parameter required

PM10, PM2.5, SO2, NOx O3, CO, NH3, Pb, Ni,

Benzene, B(a)P

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Particulate Matter (PM10)	62.5 μg/m ³	100 μg / m ³	IS 5182 (Part 23)
Particulate Matter (PM2.5)	37.8 μg/m ³	60 μg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	8.1 μg/m ³	80 μg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NOx)	13.0 μg/m ³	80 μg/m ³	IS 5182 (Part 6)
Ozone (O ₃)	49.0 μg / m ³	100 μg / m ³	IS 5182 (Part 9)
Carbon Monoxide (CO)	916 μg / m ³	2,000 µg / m ³	SCS/SOP/AAQ/013
Ammonia (NH ₃)	43.0 µg/m ³	$400 \mu g / m^3$	IS 5182 (Part 25)
Lead (Pb)	0.16 µg/m ³	$1 \mu g/m^3$	IS 5182 (Part 22)
Nickel (Ni)	0.67 ng / m ³	20 ng/m ³	IS 5182 (Part 26)
Benzene (C ₆ H ₆)	$< 1.0 \mu g / m^3$	5 μg/m ³	IS 5182 (Part 11)
Benzo(a)Pyrene (BaP) Particulate phase only	< 1.0 ng/m ³	1 ng/m ³	IS 5182 (Part 12)

Per pro SCS Enviro Services Pvt. Ltd.,

Decreel Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

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Committee ID No COCKA LONGO PROPERTY	
Sample ID No.: SCS/AAQ/20250201/07	Date of Registration: 01.02.2025
Report No. SCS/HZL/AAQ/20250201/07(2/2)	
	Date of Report: 11.02.2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan 01.02.2025

Date of start of testing Date of end of testing Duration of sampling

03.02.2025 : 11.02.2025 24 Hrs.

Type of Industry

Non-Ferrous Metal Industry

GPS Coordinate of the

24°36'26.86"N

Location

73°48′50.93"E 25.5°C

Ambient Temperature Name of Location

Near SRP Ground Area

Parameter required

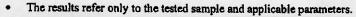
As

RESILTS.

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Parameter	Observed Value	Limit as per NAAOS	Protocol	
Arsenic (As)	< 5.5 ng / m³	6 ng / m ³	EPA/625/R-96/010a US EPA IO 3.4	

Per pro SCS Enviro Services Pvt. Ltd.,

Jeerel Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



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Sample ID No.: SCS/AAQ/20250201/08	
Report No. SCS/HZL/AAQ/20250201/08(1/2)	Date of Registration: 01.02.2025
(1/2)	Date of Report: 11.02.2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan 01.02.2025

Date of start of testing Date of end of testing Duration of sampling

03.02.2025 : 11.02.2025 24 Hrs.

Type of Industry GPS Coordinate of the

Non-Ferrous Metal Industry

24°36'07.66"N 73°49'06.12"E

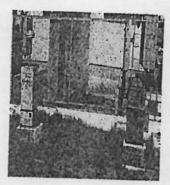
Location Ambient Temperature Name of Location

25.8°C

Parameter required

Near Solar Power Plant Area PM₁₀, PM_{2.5}, SO₂, NO₂ O₃, CO, NH₃, Pb, Ni,

Benzene, B(a)P



RESULTS

Parameter	Observed Volue	Limit as per NAAQS	
Particulate Matter (PM ₁₀)	602 (3		Protocol
Particulate Matter (PM2.5)	60.3 μg / m ³	100 μg / m ³	IS 5182 (Part 23)
Sulphur Dioxide (SO ₂)	$36.5 \mu g /m^3$	$60 \mu g / m^3$	IS 5182 (Part 24)
Oxide Of Nitrogen (NO _x)	$7.4 \mu g / m^3$	80 μg / m ³	IS 5182 (Part 2)
Ozone (O ₃)	11.8 μg/m ³	80 μg / m ³	IS 5182 (Part 6)
Carbon Monoxide (CO)	58.0 μg / m ³	100 μg/m ³	IS 5182 (Part 9)
Ammonia (NH ₃)	916 μg/m ³	2,000 μg / m ³	SCS/SOP/AAQ/013
Lead (Pb)	48.0 μg / m ³	400 μg / m ³	IS 5182 (Part 25)
Arsenic (As)	0.30 μg/m ³	1 μg / m ³	IS 5182 (Part 22)
Nickel (Ni)	$< 1.0 \text{ ng/m}^3$	6 ng / m ³	IS 5182 (Part 22)
Benzene (C ₆ H ₆)	0.87 ng / m ³	20 ng/m ³	IS 5182 (Part 26)
	$< 1.0 \mu g /m^3$	5 μg / m ³	IS 5182 (Part 11)
Benzo(a)Pyrene (BaP) Particulate phase only	$< 1.0 \text{ ng} / \text{m}^3$	1 ng/m ³	IS 5182 (Part 12)

Per pro SCS Enviro Services Pvt. Ltd.,

Jecous Dr. D. S. Parihar (Technical Manager) Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Date of Registration: 01.02.2025
Date of Report: 11.02.2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan

Date of start of testing Date of end of testing

01.02.2025 03.02.2025 11.02,2025

Duration of sampling Type of Industry

24 Hrs. Non-Ferrous Metal Industry

GPS Coordinate of the Location

24°36'07.66"N 73°49'06.12°E

Ambient Temperature

25.8°C

Name of Location

: Near Solar Power Plant Area

Parameter required

As

RESULTS Param

Parameter	Observed Value	Limit as per NAAQS	Protocol
Arsenic (As)	$< 5.5 \text{ ng} / \text{m}^3$	6 ng / m ³	EPA/625/R-96/010a US EPA IO 3.4

Per pro SCS Enviro Services Pvt. Ltd.,

Jeogreel Dr. D. S. Parihar (Technical Manager)

Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Sample ID No.: SCS/AAQ/20250201/14	Date of Registration: 01.02.2025
	Date of Registration, VI.VE.EVES
Report No. SCS/HZL/AAQ/20250201/14(1/2)	Date of Report: 11.02.2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client Address of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring 03.02.2025 Date of start of testing 05.02,2025 Date of end of testing : 11.02.2025 Duration of sampling 24 Hrs.

Type of Industry Non-Ferrous Metal Industry

GPS Coordinate of the 24°36'19.44"N Location 73°49'18.41"E

Ambient Temperature 25.3°C Name of Location Near ETP/R O Plant Area

Parameter required PM₁₀, PM_{2.5}, SO₂, NO_x O₃, CO, NH₃, Pb, Ni,

Benzene, B(a)P



DECLIT TO

Parameter	Observed Value	Limit as per NAAQS	Protocol
Particulate Matter (PM ₁₀)	62.0 μg / m ³	$100 \mu g / m^3$	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	37.0 μg/m ³	60 μg/m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	8.8 μg/m ³	80 μg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	$13.0 \mu g / m^3$	80 μg / m ³	IS 5182 (Part 6)
Ozone (O ₃)	53.0 μg/m ³	100 μg / m ³	IS 5182 (Part 9)
Carbon Monoxide (CO)	1,031 μg/m ³	2,000 μg / m ³	SCS/SOP/AAQ/013
Ammonia (NH ₃)	48.0 μg / m ³	400 μg / m ³	IS 5182 (Part 25)
Lead (Pb)	$0.35 \mu g / m^3$	$1 \mu g / m^3$	IS 5182 (Part 22)
Nickel (Ni)	1.29 ng/m ³	20 ng/m ³	IS 5182 (Part 26)
Benzene (C ₆ H ₆)	< 1.0 μg/m ³	$5 \mu g / m^3$	IS 5182 (Part 11)
Benzo(a)Pyrene (BaP) Particulate phase only	< 1.0 ng/m ³	1 ng/m ³	IS 5182 (Part 12)

Per pro SCS Enviro Services Pvt. Ltd.,

Dogwer Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/AAQ/20250201/14	
Report No. SCS/HZL/AAQ/20250201/14(2/2)	Date of Registration: 01.02.2025
	Date of Report: 11.02.2025

AMBIENT AIR QUALITY MONITORING REPORT

 $6 \text{ ng}/\text{m}^3$

Name of Client

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan

Date of start of testing Date of end of testing

03.02.2025 : 05.02.2025 : 11.02.2025

Observed Value | Limit as per NAAQS

Duration of sampling Type of Industry

24 Hrs. Non-Ferrous Metal Industry

GPS Coordinate of the Location

24°36′19.44″N

Ambient Temperature

73°49'18.41"E 25.3°C

Name of Location

: Near ETP / R O Plant Area

Parameter required RESULTS

Parameter

Arsenic (As)

	自己	To need
	- Carlotta Process	AND THE PROPERTY OF PERSONS
Protocol		
EPA/625/R-9	6/010a US EI	PA IO 3.4

 $< 5.5 \text{ ng/m}^3$ Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



TC-13363

Sample ID No.: SCS/SE/20241008/41	
Report No. SCS/HZL/SE/20241008/41	Date of Registration: 08.10.2024
	Date of Report: 21.10.2024

STACK MONITORING REPORT

Name of Client Address of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing Date of end of testing

09.10.2024 10.10.2024 21.10.2024

Duration of sampling 30 Minutes Type of Industry Non-Ferrous Metal Industry Weather conditions

Name of Location : Stack Attached to Roaster II Parameter required SO2 & Acid Mist Sulphuric Acid

Parameter		
Sulphur Di Oxide as SO2	Observed Value	Protocol
Acid Mist Sulphuric Acid	197.1 Mg / M ³	IS 11255 (Part 2)
	28.6 Mg / M ³	SCS/SOP/SE/28

Per pro SCS Enviro Services

Dr. D. S. Parihar (Technical Manager) Authorised Signatory,

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SCS SCS ENVIRO SERVICES PRIVATE LIMITED 7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



180-8601;2815 CERTIFIED LABORATORY 190-14801;2815 CERTIFIED LABORATORY 180-45801;2815 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20241008/40	
Report No. SCS/HZL/SE/20241008/40	Date of Registration: 08.10.2024
	Date of Report: 21.10.2024

STACK MONITORING REPORT

Name of Client Address of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan 08.10.2024

Date of start of testing Date of end of testing Duration of sampling

: 10.10.2024 : 21.10.2024 : 30 Minutes

Type of Industry Weather conditions

Non-Ferrous Metal Industry

Sunny

Name of Location Parameter required

: Stack Attached to Roaster III SO2 & Acid Mist Sulphuric Acid

Parameter		
Sulphur Di Oxide as SO ₂	Observed Value	Protocol
Acid Min College St SU2	194.5 Mg/M ³	
Acid Mist Sulphuric Acid	27.0 Mg / M ³	IS 11255 (Part 2)
Per CCO TO	27.0 IVIS / IVI	SCS/SOP/SF/28

Per pro SCS Enviro Services Pyt. Ltd.

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**



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7. KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA)

CIN NO.: U74140RJ2013PTC042216



12916 CERTIFIED LABORATORY HI2916 CERTIFIED LABORATOR MI2916 CERTIFIED LABORATOR

	Date of Registration: 27.11.2024
Sample ID No.: SCS/SE/20241127/14	Date of Report: 05.12.2024
Report No. SCS/HZL/SE/20241127/14	

STACK MONITORING REPORT

Name of Client

M/s. Hindustan Zine Limited, Zine Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan

Address of Client Date of Monitoring Date of start of testing

28.11.2024 30.11.2024 : 05,12,2024

Date of end of testing Duration of sampling Type of Industry

30 Minutes : Non-Ferrous Metal Industry

Weather conditions

: Sunny

Name of Location Parameter required Stack Attached to Roaster II SO₂ & Acid Mist Sulphuric Acid

Latameter reduired		Ductorol
	Observed Value	Protocol
Parameter	152.0 Mg / M ³	IS 11255 (Part 2)
Sulphur Di Oxide as SO ₂		SCS/SOP/SE/28
	24.6 Mg / M ³	SCS/SUP/SE/20
Acid Mist Sulphuric Acid		

Per pro SCS Enviro Services Pvt. Ltd.,

Decerel Dr. D. S. Parihar (Technical Manager)

Authorised Signatory

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JAIPUR

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



	Date of Registration: 27.11.2024
Sample ID No.: SCS/SE/20241127/13	Date of Registration. 2712 2024
Sample ID No.: SCORGED 2027 12	Date of Report: 05.12.2024
Report No. SCS/HZL/SE/20241127/13	

STACK MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan

Address of Client

28.11.2024 Date of Monitoring 30.11.2024 Date of start of testing 05.12.2024 Date of end of testing 30 Minutes

Duration of sampling Non-Ferrous Metal Industry Type of Industry

Sunny Weather conditions

Stack Attached to Roaster III Name of Location SO₂ & Acid Mist Sulphuric Acid Parameter required

		Protocol
Parameter	Observed Value	
	167.4 Mg / M ³	IS 11255 (Part 2)
Sulphur Di Oxide as SO ₂		SCS/SOP/SE/28
Acid Mist Sulphuric Acid	29.5 Mg / M ³	3037001702750

Per pro SCS Enviro Services Private

Dr. D. S. Parihar (Technical Manager)

Authorised Signatory -

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SCS scs enviro services private limited

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Sample ID No.: SCS/SE/20241217/21	Date of Registration: 17.12,2024
D N. OCCUPATION CO. LAND.	Dute of Ategisti ativil. 17.12.2024
Report No. SCS/HZL/SE/20241217/21	Date of Report: 27.12.2024
	Date of Report. 21.12.2024

STACK MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Address of Client Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring : 17.12.2024 Date of start of testing 20.12.2024 Date of end of testing 27.12.2024 Duration of sampling : 30 Minutes

Type of Industry : Non-Ferrous Metal Industry

Weather conditions : Sunny

Stack Attached to Roaster II Name of Location Parameter required : SO₂ & Acid Mist Sulphuric Acid

Parameter	Observed Value	Protocol
Sulphur Di Oxide as SO ₂	194.8 Mg / M ³	IS 11255 (Part 2)
Acid Mist Sulphuric Acid	28.3 Mg / M ³	SCS/SOP/SE/28

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



ISO-9091:2016 CERTIFIED LABORATORY ISO-14001:2016 CERTIFIED LABORATORY ISO-46001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20241217/22	Date of Registration: 17.12.2024
	Date of Registration, 17.12.2024
Report No. SCS/HZL/SE/20241217/22	Date of Report: 27.12.2024
	Date of Aceport, Division

STACK MONITORING REPORT

Name of Client Address of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing Date of end of testing Duration of sampling

18.12.2024 : 20.12.2024 : 27.12.2024 : 30 Minutes

Type of Industry Weather conditions

: Non-Ferrous Metal Industry

Sunny

Name of Location Parameter required

Stack Attached to Roaster III : SO₂ & Acid Mist Sulphuric Acid

Parameter	Observed Value	Protocol
Sulphur Di Oxide as SO ₂	188.5 Mg / M ³	IS 11255 (Part 2)
Acid Mist Sulphuric Acid	25.4 Mg / M ³	SCS/SOP/SE/28

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager

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Completto No. COCIONISTO	
Sample ID No.: SCS/SE/20250115/22	Date of Registration: 15.01.2025
Report No. SCS/HZL/SE/20250115/22	
	Date of Report: 25.01.2025

STACK MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan 16.01.2025

Date of start of testing Date of end of testing Duration of sampling

17.01.2025 25.01,2025 30 Minutes

Type of Industry Weather conditions Non-Ferrous Metal Industry

Sunny

Name of Location Parameter required

Stack Attached to Roaster II SO₂ & Acid Mist Sulphuric Acid

Parameter	Observed Value	Protocol
ulphur Di Oxide as SO ₂	184.4 Mg / M ³	IS 11255 (Part 2)
cid Mist Sulphuric Acid	26.1 Mg / M ³	SCS/SOP/SE/28

Per pro SCS Enviro Services Rvt. Ltd.,

Dr. D. S. Parihar (Technical Manager)

Authorised Signatory

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Sample ID No.: SCS/SE/20250115/21	
Descrit No. 303/36/20230115/21	Date of Registration: 15.01.2025
Report No. SCS/HZL/SE/20250115/21	
	Date of Report: 25.01.2025

STACK MONITORING REPORT

Name of Client Address of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan 15.01.2025

Date of start of testing Date of end of testing Duration of sampling

: 17.01.2025 25.01.2025 30 Minutes

Type of Industry Weather conditions Non-Ferrous Metal Industry

: Sunny

Name of Location Parameter required

Stack Attached to Roaster III SO₂ & Acid Mist Sulphuric Acid

Parameter	Observed Value	Protocol
Sulphur Di Oxide as SO ₂	174.4 Mg / M ³	IS 11255 (Part 2)
Acid Mist Sulphuric Acid	25.9 Mg / M ³	SCS/SOP/SE/28

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager).

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Samula ID No. COCKET INDESCRIPTION	
Sample ID No.: SCS/SE/20250201/24	Date of Registration: 01.02.2025
Report No. SCS/HZL/SE/20250201/24	
	Date of Report: 11.02.2025

STACK MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan 01.02.2025

Date of start of testing Date of end of testing Duration of sampling

03.02.2025 11.02.2025 30 Minutes

Type of Industry Weather conditions Non-Ferrous Metal Industry

: Sunny

Name of Location Parameter required Stack Attached to Roaster II SO₂ & Acid Mist Sulphuric Acid

Parameter	Observed Value	Protocol
Sulphur Di Oxide as SO ₂	175.3 Mg/M ³	IS 11255 (Part 2)
Acid Mist Sulphuric Acid	26.1 Mg/M ³	SCS/SOP/SE/28

Per pro SCS Enviro Services Pvt, Ltd.,

Joeceel Dr. D. S. Parihar (Technical Manager)

Authorised Signatory

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Sample ID No.: SCS/SE/20250201/23	
Report No. SCS/HZL/SE/20250201/23	Date of Registration: 01.02.2025
	Date of Report: 11.02.2025

STACK MONITORING REPORT

Name of Client Address of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing Date of end of testing Duration of sampling

03.02.2025 04.02.2025 11.02.2025

Type of Industry Weather conditions 30 Minutes Non-Ferrous Metal Industry

Sunny

Name of Location Parameter required

Stack Attached to Roaster III SO₂ & Acid Mist Sulphuric Acid

Parameter		
Sulphur Di Oxide as SO ₂	Observed Value	Protocol
Salphui Di Oxide as SO2	184.6 Mg / M ³	
Acid Mist Sulphuric Acid	27.0 Mg / M ³	IS 11255 (Part 2)
Description of the second	27.0 Mg / M	SCS/SOP/SE/28

Per pro SCS Enviro Services Pvt. Ltd.,

Jeogear Dr. D. S. Parihar

(Technical Manager). **Authorised Signatory**

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TC-13363

	C	
	Sample ID No.: SCS/SE/20250324/24	
	Danaus N. Garage 20230324/24	
ı	Report No. SCS/HZL/SE/20250324/24	Date of Registration: 24.03.2025
	35/20230324/24	51 100gisti auton: 24,03,2025
		Date of Report: 02,04,2025
		- Late 01 Report: 02.04.2025

STACK MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Address of Client Village: Debari, Udaipur-313024, Rajasthan Date of Monitoring : 25.03.2025

Date of start of testing : 26.03.2025 Date of end of testing 02.04.2025 Duration of sampling : 30 Minutes

Type of Industry : Non-Ferrous Metal Industry Weather conditions

: Sunny Name of Location : Stack Attached to Roaster II Parameter required : SO₂ & Acid Mist Sulphuric Acid

Parameter	- Project Colo	
	Observed Value	
Sulphur Di Oxide as SO2		Protocol
Acid Mist Sulphuric Acid	193.0 Mg / M ³	TC 11255 (D . A)
Troid What Shiphuric Acid	28.7 Mg / M ³	IS 11255 (Part 2)
Davis COS D	20./ Mg/M	SCS/SOP/SE/28
Per pro SCS Enviro Comica D. V.		

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**



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TC-13363

	HO-COST (1945 CERTIFIED LAS
Sample ID No.: SCS/SE/20250324/26	
Report No. SCS/HZL/SE/20250324/26	Date -CD
SCS/HZL/SIC/20250324/26	Date of Registration: 24.03.2025
	Date of Report: 02.04.2025
	02.04.2023

STACK MONITORING REPORT

Name of Client Address of Client Date of Monitoring

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan : 29.03.2025

Date of start of testing Date of end of testing Duration of sampling Type of Industry

: 31.03.2025 02.04.2025 : 30 Minutes

Weather conditions

Non-Ferrous Metal Industry Sunny

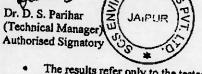
Name of Location Parameter required

Stack Attached to Roaster III : SO2 & Acid Mist Sulphuric Acid

Parameter	-1 - 1 total Mast Sulphung Acid	
Sulphur Di Oxide as SO ₂	Observed Value	Protocol
Acid Mist Sulphuric Acid	172.0 Mg / M ³	IS 11255 (Part 2)
	29.8 Mg / M ³	SCS/SOP/SE/28
Per pro SCS Enviro Services Pvt. Ltd.,		SC3/3OP/SE/28

Dr. D. S. Parihar

Authorised Signatory



SERVIC

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Sample ID No.: SCS/SE/20241008/37	Date of Registration: 08.10.2024
Report No. SCS/HZL/SE/20241008/37	Date of Report: 21.10.2024

STACK MONITORING REPORT

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Name of Client Village: Debari, Udaipur-313024, Rajasthan Address of Client

Date of Monitoring 09.10.2024 Date of start of testing 10.10.2024 21.10.2024 Date of end of testing Duration of sampling 30 Minutes

Non-Ferrous Metal Industry Type of Industry

Weather conditions Sunny

Stack Attached to Azex Furnace Name of Location

PM Parameter required

RESULTS Observed Value Protocol Parameter 23.2 mg / Nm³ IS 11255 (Part 1) Particulate Matter (PM)

Per pro SCS Enviro Services Pyr Ltd

Dr. D. S. Parihar (Technical Manager)

Authorised Signatory

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The sample will be destroyed after 15 days from the date of issue of the test report.

The liability of the laboratory is limited to the invoiced amount,

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



ISO-9601:2015 CERTIFIED LABORATORY ISO-14001:2015 CERTIFIED LABORATORY ISO-45801:2818 CERTIFIED LABORATORY

	575 14 (f OD 10 2024
Sample ID No.: SCS/SE/20241008/38	Date of Registration: 08.10.2024
Sample ID No.: SCS/SE/20241000/30	Date of Report: 21.10.2024
Report No. SCS/HZL/SE/20241008/38	Date of Reports 2112 1
REPORT 110: DOD/122202	

STACK MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing Date of end of testing

08.10.2024 10.10.2024 21.10.2024

Duration of sampling Type of Industry

30 Minutes Non-Ferrous Metal Industry

24.0 mg / Nm³

Sunny

Weather conditions Name of Location

Stack Attached to Zinc Melting and Slag Grinding

: PM

Parameter required RESULTS

Parameter

Protocol Observed Value IS 11255 (Part 1)

Particulate Matter (PM) Per pro SCS Enviro Serviges Per Ltd.,

Dr. D. S. Parihar (Technical Manager)

Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



	T
Sample ID No.: SCS/SE/20241008/39	Date of Registration: 08.10.2024
Sample 10 No.: Section 200	Date of Report: 21.10.2024
Report No. SCS/HZL/SE/20241008/39	Date of Reports

STACK MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing Date of end of testing

08.10.2024 10.10.2024 21.10.2024

Duration of sampling Type of Industry

30 Minutes : Non-Ferrous Metal Industry

Weather conditions Name of Location Parameter required

: Stack Attached to Induction Stack

: PM

RESULTS		
	Observed Value	Protocol
Parameter		IS 11255 (Part 1)
Particulate Matter (PM)	25.7 mg / Nm ³	

Per pro SCS Enviro Services Pvt. Ltd.,

Decerel Dr. D. S. Parihar (Technical Manager)

Authorised Signatory

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SERVI

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



(80-0061;2015 CERTIFIED LABORATO 130-14001;2015 CERTIFIED LABORAT 180-46001;2018 CERTIFIED LABORAT

Sample ID No.: SCS/SE/20241008/36	Date of Registration: 08.10.2024
Report No. SCS/HZL/SE/20241008/36	Date of Report: 21.10.2024

STACK MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan Address of Client

Date of Monitoring 08.10.2024 : Date of start of testing 10.10.2024 21.10.2024 Date of end of testing Duration of sampling 30 Minutes

Non-Ferrous Metal Industry Type of Industry Weather conditions Sunny

Stack Attached to MCTP Name of Location

PM & Lead Parameter required

KESULIS		
Parameter	Observed Value	Protocol
Particulate Matter (PM)	18.7 mg / Nm ³	IS 11255 (Part 1)
Lead as Pb	0.21 mg / Nm ³	USEPA Method 29

Per pro SCS Enviro Services Pvt. Ltd.,

Geener Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

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JAIPUR

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



TC-13363

Sample ID No.: SCS/SE/20241127/10	Date of Registration: 27.11.2024
Report No. SCS/HZL/SE/20241127/10	Date of Report: 05.12.2024

STACK MONITORING REPORT

Name of Client Address of Client

Date of Monitoring Date of start of testing Date of end of testing Duration of sampling

Type of Industry Weather conditions

Particulate Matter (PM)

Parameter

Name of Location

Parameter required RESULTS

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Village: Debari, Udaipur-313024, Rajasthan 27.11.2024

30.11.2024 05.12.2024 30 Minutes

Non-Ferrous Metal Industry

Sunny

Stack Attached to Azex Furnace

PM

Protocol. Observed Value IS 11255 (Part 1) 26.3 mg/Nm3

Per pro SCS Enviro Services Put. Ltd

Jeogee Dr. D. S. Parihar (Technical Manager)

Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Sample ID No.: SCS/SE/20241127/11	Date of Registration: 27.11.2024
Report No. SCS/HZL/SE/20241127/11	Date of Report: 05.12,2024

STACK MONITORING REPORT

Name of Client Address of Client

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring 28.11.2024 Date of start of testing 30.11.2024 Date of end of testing 05.12.2024 Duration of sampling 30 Minutes

Type of Industry : Non-Ferrous Metal Industry

Weather conditions Sunny

Name of Location Stack Attached to Zinc Melting and Slag Grinding

Parameter required : PM

RESTITATS

ANDOUGIO		
Parameter	Observed Value	Protocol
Particulate Matter (PM)	28.7 mg / Nm ³	IS 11255 (Part 1)

Per pro SCS Enviro Services Py

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

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- All disputes are subjected to Jaipur jurisdiction.

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Date of Registration: 27.11,2024
Date of Report: 05.12.2024

STACK MONITORING REPORT

Name of Client M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Address of Client Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring 28.11.2024 Date of start of testing 30.11.2024 Date of end of testing 05.12.2024 Duration of sampling 30 Minutes

Type of Industry Non-Ferrous Metal Industry

Weather conditions Sunny

Name of Location Stack Attached to Induction Stack

Parameter required PM

RESULTS Observed Value Protocol Parameter Particulate Matter (PM) 24.0 mg / Nm3 IS 11255 (Part 1)

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager)

Authorised Signatory

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SCS ENVIRO SERVICES PRIVATE LIMITED

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



ISO-00012818 CERTIFIED LABORATORY ISO-140012818 CERTIFIED LABORATORY ISO-140012818 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20241127/09 -	Date of Registration: 27.11.2024
Report No. SCS/HZL/SE/20241127/09	Date of Report: 05.12.2024
2001011010001110000000	<u> </u>

STACK MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Address of Client : Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring : 27.11.2024
Date of start of testing : 30.11.2024
Date of end of testing : 05.12.2024
Duration of sampling : 30 Minutes

Type of Industry : Non-Ferrous Metal Industry

Weather conditions : Sunny

Name of Location : Stack Attached to MCTP

Parameter required : PM & Lead

RESULTS

RESULTS		
Parameter	Observed Value	Protocol
Particulate Matter (PM)	16.2 mg / Nm ³	IS 11255 (Part 1)
Lead as Pb	0.13 mg / Nm ³	USEPA Method 29
Lead as ru	0.15 1157 1111	

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) Authorised Signatory

Jeesens

• The results refer only to the tested sample and applicable parameters.

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JAIPUR



7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



TC-13363

	Date of Registration: 17.12.2024
	Date of Megistration.
Sample ID No.: SCS/SE/20241217/18	Date of Report: 27.12.2024
Sample ID No.: Bed/bel/	Date of Report
Report No. SCS/HZL/SE/20241217/18	
Report No. SCS/HZLIBE/2021	

STACK MONITORING REPORT

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan Name of Client

Address of Client 17.12.2024 Date of Monitoring 20.12.2024 Date of start of testing 27.12.2024 Date of end of testing 30 Minutes

Duration of sampling Non-Ferrous Metal Industry Type of Industry

Sunny

Weather conditions Stack Attached to Azex Furnace Name of Location

: PM Parameter required

Protocol RESULTS Observed Value IS 11255 (Part 1) Parameter 27.0 mg / Nm3 Particulate Matter (PM)

Per pro SCS Enviro Services Pyt. Ltd.,

Dr. D. S. Parihar

(Technical Manager) Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



TC-13363

ISO-0001(2015 CERTIFIED LABORATORY ISO-14001:2015 CERTIFIED LABORATORY ISO-18001:2015 CERTIFIED LABORATORY

C VD No . CCC/CE/200241217/10	Date of Registration: 17.12.2024
Sample ID No.: SCS/SE/20241217/19	Date of Report: 27.12.2024
Report No. SCS/HZL/SE/20241217/19	Date of Reports - 132-15-15

STACK MONITORING REPORT

Name of Client : M/s. Hindustan Zine Limited, Zine Smelter, Debari Address of Client : Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring : 17.12.2024
Date of start of testing : 20.12.2024
Date of end of testing : 27.12.2024
Duration of sampling : 30 Minutes

Duration of sampling : 30 Minutes

Type of Industry : Non-Ferrous Metal Industry

Weather conditions : Sunny

Name of Location : Stack Attached to Zinc Melting and Siag Grinding

Parameter required : PM

 RESULTS
 Observed Value
 Protocol

 Parameter
 24.5 mg / Nm³
 IS 11255 (Part 1)

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager)

Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



TC-13363

Protocol

ISO-8601:2815 CERTIFIED LABORATORY 28O-14801:2815 CERTIFIED LABORATORY 18O-48801-2015 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20241217/20	Date of Registration: 17.12.2024
Report No. SCS/HZL/SE/20241217/20	Date of Report: 27.12.2024

STACK MONITORING REPORT

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Name of Client Village: Debari, Udaipur-313024, Rajasthan Address of Client

Date of Monitoring 17.12.2024 20.12.2024 Date of start of testing 27.12.2024 Date of end of testing 30 Minutes Duration of sampling

: Non-Ferrous Metal Industry Type of Industry

Sunny Weather conditions

Stack Attached to Induction Stack Name of Location

PM Parameter required

RESULTS Observed Value Parameter IS 11255 (Part 1) 26.4 mg / Nm³ Particulate Matter (PM)

Per pro SCS Enviro Services Ryt. Ltd.,

Dr. D. S. Parihar (Technical Manager)

Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



-13363 INC-0001:2016 CERTIFIED LABORATORY
INC-4601:2016 CERTIFIED LABORATORY
INC-4601:2016 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20241217/17	Date of Registration: 17.12.2024
Report No. SCS/HZL/SE/20241217/17	Date of Report: 27.12.2024

STACK MONITORING REPORT

Name of Client Address of Client M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
 Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring : 17.12.2024
Date of start of testing : 20.12.2024
Date of end of testing : 27.12.2024
Duration of sampling : 30 Minutes

: 20.12.2024 : 27.12.2024 : 30 Minutes

Type of Industry : Non-Ferrous Metal Industry
Weather conditions : Sunny

Name of Location : Stack Attached to MCTP

Parameter required : PM & Lead

RESULTS

Parameter	Observed Value	Protocol
Particulate Matter (PM)	18.0 mg / Nm ³	IS 11255 (Part 1)
Lead as Pb	0.14 mg / Nm ³	USEPA Method 29

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager)

Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



TC-13363

001;2015 CERTIFIED LABORATORY ISO-9091;2915 CERTIFIED LABORATORY ISO-14091;2915 CERTIFIED LABORATORY ISO-45085;2915 CERTIFIED LABORATORY

C I TO M . COCICE/ANDENIA FILE	Date of Registration: 15.01.2025
Sample ID No.: SCS/SE/20250115/18	
TO THE OCCUPANT OF MARKET STATE	Date of Report: 25.01.2025
Report No. SCS/HZL/SE/20250115/18	Date of Report, 25.01.2025
2.000.000	

STACK MONITORING REPORT

Name of Client

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring

15.01.2025 : 17.01.2025

Date of start of testing Date of end of testing Duration of sampling

: 25.01.2025 : 30 Minutes

Type of Industry Weather conditions : Non-Ferrous Metal Industry

Sunny

Name of Location

Stack Attached to Azex Furnace

19.4 mg / Nm³

Parameter required RESULTS Parameter

Observed Value

Protocol IS 11255 (Part 1)

Per pro SCS Enviro Services Pyt. Ltd.,

Jooleel Dr. D. S. Parihar (Technical Manager)

Particulate Matter (PM)

Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



TC-13363

ISC-9001:2015 CERTIFIED LABORATORY ISC-14001:2016 CERTIFIED LABORATORY ISC-45001:2016 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20250115/19	Date of Registration: 15.01,2025
Sample 1D No.: SCS/SE/20230115/17	Date of Report: 25.01.2025
Report No. SCS/HZL/SE/20250115/19	Date of Report: 25.01.2025
Report No. OCD/122202/2011	

STACK MONITORING REPORT

Name of Client

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring

15.01.2025

Date of start of testing Date of end of testing

17.01.2025 : 25,01,2025

Duration of sampling Type of Industry

: 30 Minutes : Non-Ferrous Metal Industry

Weather conditions

Sunny

Name of Location

Stack Attached to Zinc Melting and Slag Grinding

Parameter required

: PM

RESULTS		W
	Observed Value	Protocol
Parameter	26.8 mg / Nm ³	IS 11255 (Part 1)
Particulate Matter (PM)	20:0 1115 1 11111	

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar

(Technical Manager). **Authorised Signatory**

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA,



TC-13363

180-9191/2018 CERTIFIED LABORATORY 290-14691/2015 CERTIFIED LABORATORY 180-4661/2015 CERTIFIED LABORATORY

JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Date of Registration: 15.01.2025 Sample ID No.: SCS/SE/20250115/20 Date of Report: 25.01.2025 Report No. SCS/HZL/SE/20250115/20

STACK MONITORING REPORT

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Name of Client Village: Debari, Udaipur-313024, Rajasthan

Address of Client 15.01.2025 Date of Monitoring 17.01.2025 Date of start of testing 25.01.2025 Date of end of testing 30 Minutes

Duration of sampling Non-Ferrous Metal Industry Type of Industry

Sunny Weather conditions

Stack Attached to Induction Stack Name of Location

PM Parameter required

RESULTS Protocol Observed Value Parameter IS 11255 (Part 1) 28.2 mg / Nm³ Particulate Matter (PM)

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager)

Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Sample ID No. COS/CD Property	
Sample ID No.: SCS/SE/20250115/17	Date of Registration: 15.01.2025
Report No. SCS/HZL/SE/20250115/17	Date of Report: 25.01.2025
	Date of Report 23:01:2023

STACK MONITORING REPORT

Name of Client M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Address of Client Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring : 15.01.2025 Date of start of testing : 17.01.2025 Date of end of testing : 25.01.2025 Duration of sampling : 30 Minutes

Type of Industry Non-Ferrous Metal Industry

Weather conditions : Sunny

Name of Location : Stack Attached to MCTP

Parameter required : PM & Lead RESULTS

Parameter	Observed Value	Protocol
Particulate Matter (PM)	20.5 mg / Nm ³	IS 11255 (Part 1)
Lead as Pb	0.16 mg / Nm ³	USEPA Method 29

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar

(Technical Manager) Authorised Signatory

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The liability of the laboratory is limited to the invoiced amount.

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



ISO-00112016 CERTIFIED LABORATORY ISO-140(12016 CERTIFIED LABORATORY ISO-4801:2818 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20250201/20	Date of Registration: 01.02.2025
	Date of Respectation Value
Report No. SCS/HZL/SE/20250201/20	Date of Report: 11.02.2025
Report 110. BCS/1121125E2 20250201720	Date of Report. 11.02.2020

STACK MONITORING REPORT

Name of Client M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Address of Client Village: Debari, Udaipur-313024, Rajasthan

03.02.2025 Date of Monitoring Date of start of testing 04.02.2025 : 11.02.2025 Date of end of testing Duration of sampling

: 30 Minutes: Non-Ferrous Metal Industry Type of Industry

Weather conditions : Sunny

Name of Location : Stack Attached to Azex Furnace

: PM Parameter required

RESILTS.

Observed Value	Protocol
27.5 mg / Nm ³	IS 11255 (Part 1)

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**



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- All disputes are subjected to Jaipur jurisdiction.

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



180-1991;3816 CERTYES LABORATORY 180-14991;3816 CERTY ISO LABORATORY 180-4680(3816 CERTY ISO LABORATORY TC-13363

	Date of Registration: 01.02.2025
CONTRACTOR (2020201/21	Date of Registration, 01.02.50
Sample ID No.: SCS/SE/20250201/21	Date of Report: 11.02.2025
Report No. SCS/HZL/SE/20250201/21	

STACK MONITORING REPORT

Name of Client Address of Client M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing 03.02.2025 04.02.2025 11.02.2025

Date of end of testing Duration of sampling

: 30 Minutes : Non-Ferrous Metal Industry

Type of Industry Weather conditions

Sunny Stack Attached to Zine Melting and Slag Grinding

Name of Location PM

Parameter required

t warmerer today,		
RESULTS		Protocol
	Observed Value	
Parameter		IS 11255 (Part 1)
Particulate Matter (PM)	29.7 mg / Nm ³	
Particulate Matter (1 141)		

Per pro SCS Enviro Services Pvt. Ltd.,

Jeaners Dr. D. S. Parihar (Technical Manager)

Authorised Signatory

The results refer only to the tested sample and applicable parameters.

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This report cannot be reproduced without the written permission of the director.

The sample will be destroyed after 15 days from the date of issue of the test report.

The liability of the laboratory is limited to the invoiced amount.

SCS scs enviro services private limited

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



	25.00.000
G	Date of Registration: 01.02.2025
Sample ID No.: SCS/SE/20250201/22	
Report No. SCS/HZL/SE/20250201/22	Date of Report: 11.02.2025
Report No. SCS/HZE/SE/20250201722	

STACK MONITORING REPORT

Name of Client Address of Client M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan 03.02.2025 04.02.2025

Date of Monitoring Date of start of testing Date of end of testing Duration of sampling

11.02.2025 30 Minutes

Type of Industry Weather conditions Non-Ferrous Metal Industry

Sunny

Name of Location Parameter required Stack Attached to Induction Stack

PM

RESULTS Parameter Particulate Matter (PM)

Protocol Observed Value IS 11255 (Part 1) 22.9 mg / Nm³

Per pro SCS Enviro Services Pvt.

Dr. D. S. Parihar (Technical Manager)

Authorised Signatory,

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



ISO-9001:2015 CERTIFIED LABORATORY ISO-14401:2015 CERTIFIED LABORATORY ISO-48001(2015 CERTIFIED LABORATORY

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C	Date of Registration: 01.02.2025
Sample ID No.: SCS/SE/20250201/19	Date of Report: 11.02.2025
Report No. SCS/HZL/SE/20250201/19	Date of Report, 11.02.2020
Report No. Octobal Despera	

STACK MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan : 01.02.2025

Date of Monitoring Date of start of testing

: 03.02.2025 : 11.02.2025 : 30 Minutes

Date of end of testing Duration of sampling

: Non-Ferrous Metal Industry

Type of Industry Weather conditions

: Sunny

Name of Location

: Stack Attached to MCTP

Parameter required

: PM & Lead

RESULTS	Ot and Walne	Protocol
Parameter	Observed Value	
Particulate Matter (PM)	18.6 mg / Nm ³	IS 11255 (Part 1)
	0.11 mg / Nm ³	USEPA Method 29
Lead as Pb	0.11 mg / 14m	

Per pro SCS Enviro Services Pvt. Ltd.,

Decel Dr. D. S. Parihar

(Technical Manager) Authorised Signatory

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SCS ENVIRO SERVICES PRIVATE LIMITED

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



IEO-6001:2918 CERTIFIED LABORATORY IBO-14001:3018 CERTIFIED LABORATORY ISO-40001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20250324/21	Date of Registration: 24.03.2025
Report No. SCS/HZL/SE/20250324/21	Date of Report: 02.04.2025

STACK MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring

25.03.2025 26.03.2025

Date of start of testing Date of end of testing Duration of sampling

: 02.04.2025 : 30 Minutes

Type of Industry

Non-Ferrous Metal Industry

Weather conditions

Sunny

Name of Location

Stack Attached to Azex Furnace

29.3 mg/Nm³

Parameter required

Particulate Matter (PM)

PM

RESULTS Parameter

Observed Value

Protocol IS 11255 (Part 1)

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. B. S. Parihar (Technical Manager) Authorised Signatory

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All disputes are subjected to Jaipur jurisdiction.

JAIPUR

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



44001:2015 CERTIFIED LABORATO
46001:2016 CERTIFIED LABORATO

Date of Registration: 24.03.2025
Date of Report: 02.04.2025

STACK MONITORING REPORT

Name of Client

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan 25.03.2025

Date of start of testing Date of end of testing Duration of sampling

26.03.2025 02.04.2025 30 Minutes

Type of Industry

: Non-Ferrous Metal Industry

Weather conditions

Sunny

Name of Location

Stack Attached to Zinc Melting and Slag Grinding

Parameter required

: PM

RESULTS

Parameter	Observed Value	Protocol
Particulate Matter (PM)	28.4 mg / Nm ³	IS 11255 (Part 1)

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Date of Registration: 24,03,2025
Date of Report: 02.04.2025

STACK MONITORING REPORT

Name of Client M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Address of Client

Village: Debari, Udaipur-313024, Rajasthan Date of Monitoring 25.03.2025 Date of start of testing 26.03.2025 Date of end of testing 02.04.2025

Duration of sampling 30 Minutes Type of Industry : Non-Ferrous Metal Industry

Weather conditions Sunny

Name of Location Stack Attached to Induction Stack

Parameter required PM

RESULTS

Parameter	Observed Value	Protocol
Particulate Matter (PM)	25.0 mg / Nm ³	IS 11255 (Part 1)

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**



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SCS scs enviro services private limited

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Court ID W. Cooler Harris	
Sample ID No.: SCS/SE/20250324/25	Date of Registration: 24.03.2025
Report No. SCS/HZL/SE/20250324/25	
2.00011.10.005112.L.1011.20230324123	Date of Report: 02.04.2025

STACK MONITORING REPORT

Name of Client Address of Client

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Date of Monitoring Date of start of testing Village: Debari, Udaipur-313024, Rajasthan 24.03.2025

Date of end of testing Duration of sampling

26.03.2025 02.04.2025 : 30 Minutes

Type of Industry : Non-Ferrous Metal Industry Weather conditions

Sunny Name of Location

Stack Attached to MCTP

Parameter required : PM & Lead

RESULTS

Parameter	Observed Value	Protocol
Particulate Matter (PM)	16.0 mg / Nm ³	IS 11255 (Part 1)
Lead as Pb	0.15 mg / Nm ³	USEPA Method 29

Per pro SCS Enviro Services Pvt. Ltd.,

Decer Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Sample ID No.: SCS/W/20241008/44		
Report No. SCS/HZL/W/20241008/44(1/2)	Date of Registration: 08.10.2024	
	Date of Report: 21.10.2024	

TEST REPORT

Name of Client M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Address Client Village: Debari, Udaipur-313024, Rajasthan Date of Sampling

09.10.2024 Date of start of testing 10.10.2024 Date of end of testing 21.10.2024 Details of Sample ETP Outlet Water Sample collected by SCS Representative

Parameter	Results	Standard as per Schedule VI of the EP Act 1986 for Inland Surface Water	Protocol
Total Suspended Solids	14 Mg/L	100 Mg/L	APHA (24 ¹¹¹ Edition) 2540D
pH value	8.80	5.5 to 9.0	APHA (24 ¹¹⁴ Edition) 4500-H
BOD _{3Days at 27°C}	19 Mg/L	30 Mg/L	IS 3025 (Part 44)
Chemical Oxygen Demand	160 Mg/L	250 Mg/L	
Oil & Grease	- 5.0 Mg/L	10 Mg/L	
Cadmium (as Cd)	< 0.01 Mg/L	2.0 Mg/L	
Copper (as Cu)	< 0.01 Mg/L	3.0 Mg/L	
Zinc (as Zn)	0.36 Mg/L	5.0 Mg/L	APHA (24" Edition) 3111B
Nickel (as Ni)	: 0.01 Mg/L	3 Mg/L	ADUA (24" Edition) 3111B
Sulphide (as S)	< 0.5 Mg/L		APHA (24TH Edition) 3111B
Cyanide (as CN)	< 0.02 Mg/L	2 Mg/L 0.2 Mg/L	
Mercury (as Hg)	·: 0.001 Mg/L	0.2 Mg/L 0.01 Mg/L	APHA (24TH Edition) 4500CN C&F
Chloride as Cl	183.9 Mg/L	U.UI Mg/L	APHA (24 TH Edition) 3112B
Iron (as Fe)	0.08 Mg/L	2 3 6 - 17	APHA (24 ^{III} Edition) 4500 Cl- B
Fluoride (as F)	0.60 Mg/L	3 Mg/L 2 Mg/L	APHA (24 TH Edition) 3111B APHA (24 TH Edition) 4500F D

Per pro SCS Enviro Services Pr

Dr. D. S. Parihar (Technical Manager)

Authorised Signatory.

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SCS scs enviro services private limited

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

180-4001:2015 CERTIFIED LABORATORY 180-14001:2016 CERTIFIED LABORATORY 180-45001:2016 CERTIFIED LABORATORY

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Sample ID No.: SCS/W/20241008/44	Date of Registration: 08.10.2024
Report No. SCS/HZL/W/20241008/44(2/2)	
144 DOI 1 10 BC 0/11215 W/20241008/44(2/2)	Date of Report: 21.10.2024

TEST REPORT

Name of Client M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Address Client Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling 09.10.2024 Date of start of testing 10.10.2024 Date of end of testing 21.10,2024 Details of Sample ETP Outlet Water Sample collected by SCS Representative

Parameter	Results	Standard as per Schedule VI of the EP Act 1986 for Inland Surface Water	Protocol
Lead (as Pb)	< 0.01 Mg/L		APHA (24TH Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

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SCS ENVIRO SERVICES PRIVATE LIMITED

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



13363 ISO-4991:2016 CERTIFIED LABORATORY ISO-14991:2016 CERTIFIED LABORATORY ISO-16991:2016 CERTIFIED LABORATORY

Sample ID No.: SCS/W/20241127/32	
Descripte ID 110.: SCS/W/2024112//32	Date of Registration: 27.11.2024
Report No. SCS/HZL/W/20241127/32(1/2)	
	Date of Report: 05.12.2024

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address Client : Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling : 28.11.2024

Date of start of testing : 30.11.2024

Date of end of testing : 05.12.2024

Details of Sample : ETP Outlet Water

Sample collected by : SCS Representative

Parameter	Results	Standard as per Schedule VI of the EP Act 1986 for Inland Surface Water	Protocol
Total Suspended Solids	31 Mg/L	100 Mg/L	APHA (24TH Edition) 2540D
pH value	8.05	5.5 to 9.0	APHA (24TH Edition) 4500-H
BOD3Days at 27°C	12 Mg/L	30 Mg/L	IS 3025 (Part 44)
Chemical Oxygen Demand	100 Mg/L	250 Mg/L	
Oil & Grease	< 5.0 Mg/L	10 Mg/L	APHA (24TH Edition) 5520 O&G B
Cadmium (as Cd)	< 0.01 Mg/L	2.0 Mg/L	APHA (24TH Edition) 3111B
Copper (as Cu)	< 0.01 Mg/L	3.0 Mg/L	APHA (24TH Edition) 3111B
Zinc (as Zn)	0.10 Mg/L	5.0 Mg/L	APHA (24TH Edition) 3111B
Nickel (as Ni)	< 0.01 Mg/L	3 Mg/L	APHA (24TH Edition) 3111B
Sulphide (as S)	< 0.5 Mg/L	2 Mg/L	APHA (24TH Edition) 4500SF
Cyanide (as CN)	< 0.02 Mg/L	0.2 Mg/L	APHA (24TH Edition) 4500CN C&E
Mercury (as Hg)	< 0.001 Mg/L	0.01 Mg/L	APHA (24 TH Edition) 3112B
Chloride as Cl	219.9 Mg/L		APHA (24 TH Edition) 4500 Cl- B
Iron (as Fe)	0.10 Mg/L	3 Mg/L	APHA (24 TH Edition) 3111B
Fluoride (as F)	0.61 Mg/L	2 Mg/L	APHA (24 TH Edition) 4500F D

Per pro SCS Enviro Services Pro

Dr. D. S. Parihar (Technical Manager) Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/W/20241127/32	
Danart No. SCOTTAT AVIOLATION	Date of Registration: 27.11.2024
Report No. SCS/HZL/W/20241127/32(2/2)	
	Date of Report: 05.12.2024

TEST REPORT

Name of Client M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Address Client Village: Debari, Udaipur-313024, Rajasthan Date of Sampling

28.11.2024 Date of start of testing 30.11.2024 Date of end of testing 05.12.2024 Details of Sample ETP Outlet Water Sample collected by SCS Representative

Parameter	Results	Standard as per Schedule VI of the EP Act 1986 for Inland Surface Water	Protocol
Lead (as Pb)	< 0.01 Mg/L		A DYTA CONTRACTOR AND ADDRESS.
	***************************************	0.1 Mg/L	APHA (24TH Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd.,

Doored Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



991:2915 CERTIFIED LABORATORY 4991:2915 CERTIFIED LABORATORY 2441:2614 CHRTIFIED LABORATORY

Commis ID No. COURTMAN IS CO.	
Sample ID No.: SCS/W/20241217/25	Date of Registration: 17.12.2024
Report No. SCS/HZL/W/20241217/25(1/2)	
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Date of Report: 27.12.2024

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling Date of start of testing

18.12.2024 20.12.2024

Date of end of testing Details of Sample

Sample collected by

27.12.2024 ETP Outlet Water SCS Representative

Parameter	Results	Standard as per Schedule VI of the EP Act 1986 for Inland Surface Water	Protocol
Total Suspended Solids	6 Mg/L	100 Mg/L	APHA (24TH Edition) 2540D
pH value	7.74	5.5 to 9.0	
BOD _{3Days at 27°C}	13 Mg/L	30 Mg/L	
Chemical Oxygen Demand	100 Mg/L	250 Mg/L	
Oil & Grease	< 5.0 Mg/L	10 Mg/L	
Cadmium (as Cd)	< 0.01 Mg/L	2.0 Mg/L	APHA (24TH Edition) 3111B
Copper (as Cu)	: 0.01 Mg/L	3.0 Mg/L	APHA (24TH Edition) 3111B
Zinc (as Zn)	0.20 Mg/L	5.0 Mg/L	APHA (24TH Edition) 3111B
Nickel (as Ni)	< 0.01 Mg/L	3 Mg/L	APHA (24TI Edition) 3111B
Sulphide (as S)	< 0.5 Mg/L	2 Mg/L	APHA (24TH Edition) 4500SF
Cyanide (as CN)	< 0.02 Mg/L	0.2 Mg/L	APHA (24TH Edition) 4500CN-C&E
Mercury (as Hg)	: 0.001 Mg/L	0.01 Mg/L	APHA (24 Th Edition) 3112B
Chloride as Cl	183.9 Mg/L	•	APHA (24TH Edition) 4500 CI- B
Iron (as Fe)	0.05 Mg/L	3 Mg/L	
Fluoride (as F)	0.63 Mg/L		APHA (24TH Edition) 4500F D

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar · (Technical Manager)

Authorised Signatory 3 🚓

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SCS scs enviro services private limited

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/W/20241217/25	Date of Registration: 17.12.2024
Report No. SCS/HZL/W/20241217/25(2/2)	Date of Report: 27.12,2024

TEST REPORT

Name of Client Address Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Date of Sampling

Village: Debari, Udaipur-313024, Rajasthan 18.12.2024

Date of start of testing Date of end of testing

20.12.2024 27.12.2024

Details of Sample Sample collected by

ETP Outlet Water SCS Representative

Parameter	Results	Standard as per Schedule VI of the EP Act 1986 for Inland Surface Water	Protocol
Lead (as Pb)	< 0.01 Mg/L	0.1 Mg/L	APHA (24TH Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd.,

Decell Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



ISO-9401:2016 CERTIFIED LABORATORY ISO-14001:2015 CERTIFIED LABORATORY ISO-46001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/W/20250115/25	Date of Registration: 15.01.2025
Report No. SCS/HZL/W/20250115/25(1/2)	Date of Report: 25.01.2025

TEST REPORT

Name of Client M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Address Client Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling 15.01.2025 Date of start of testing 17.01.2025 Date of end of testing 25.01.2025 **Details of Sample** ETP Outlet Water Sample collected by SCS Representative

Parameter	Results	Standard as per Schedule VI of the EP Act 1986 for Inland Surface Water	Protocol
Total Suspended Solids	34 Mg/L	100 Mg/L	APHA (24TH Edition) 2540D
pH value	8.91	5.5 to 9.0	APHA (24TH Edition) 4500-H
BOD3Days at 27°C	22 Mg/L	30 Mg/L	IS 3025 (Part 44)
Chemical Oxygen Demand	200 Mg/L	250 Mg/L	APHA (24 ^{TEl} Edition) 5220B
Oil & Grease	< 5.0 Mg/L	10 Mg/L	APHA (24TH Edition) 5520 O&G B
Cadmium (as Cd)	< 0.01 Mg/L	2.0 Mg/L	APHA (24 TH Edition) 3111B
Copper (as Cu)	< 0.01 Mg/L	3.0 Mg/L	APHA (24 TH Edition) 3111B
Zinc (as Zn)	0.47 Mg/L	5.0 Mg/L	APHA (24TH Edition) 3111B
Nickel (as Ni)	< 0.01 Mg/L	3 Mg/L	APHA (24TH Edition) 3111B
Sulphide (as S)	< 0.5 Mg/L	2 Mg/L	APHA (24TH Edition) 4500SF
Cyanide (as CN)	< 0.02 Mg/L	0.2 Mg/L	APHA (24TH Edition) 4500CN C&E
Mercury (as Hg)	< 0.001 Mg/L	0.01 Mg/L	APHA (24TH Edition) 3112B
Chloride as Cl	213.9 Mg/L		APHA (24 TH Edition) 4500 Cl- B
Iron (as Fe)	0.06 Mg/L	3 Mg/L	APHA (24 TH Edition) 3111B
Fluoride (as F)	0.73 Mg/L	2 Mg/L	APHA (24TH Edition) 4500F D

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

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- The liability of the laboratory is limited to the invoiced amount.
- All disputes are subjected to Jaipur jurisdiction.



7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

ISO-0001:2015 CERTIFIED LABORATORY (20-14001:2015 CERTIFIED LABORATORY ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/W/20250115/25	Date of Registration: 15.01.2025
Report No. SCS/HZL/W/20250115/25(2/2)	Date of Report: 25.01.2025

TEST REPORT

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Name of Client Village: Debari, Udaipur-313024, Rajasthan Address Client

15.01.2025 Date of Sampling : 17.01.2025 Date of start of testing 25.01.2025 Date of end of testing Details of Sample **ETP Outlet Water** SCS Representative Sample collected by

Parameter	Results	Standard as per Schedule VI of the EP Act 1986 for Inland Surface Water	Protocol
Lead (as Pb)	< 0.01 Mg/L	0.1 Mg/L	APHA (24 ^{TR} Edition) 3111B

Per pro SCS Enviro Services Pyt. Ltd.

Dooler Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



IEC-8001:2915 CERTIFIED LABORATORY 85C-14001:2916 CERTIFIED LABORATORY 18O-45001:2916 CERTIFIED LABORATORY

Sample ID No.: SCS/W/20250201/48	Date of Registration: 01.02.2025
Report No. SCS/HZL/W/20250201/48(1/2)	Date of Report: 11.02.2025

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling Date of start of testing Date of end of testing Details of Sample

Sample collected by

03.02.2025 05.02.2025 11.02.2025

ETP Outlet Water SCS Representative

Parameter	Results	Standard as per Schedule VI of the EP Act 1986 for Inland Surface Water	Protocol
Total Suspended Solids	27 Mg/L	100 Mg/L	APHA (24TH Edition) 2540D
pH value	8.49	5.5 to 9.0	
BOD3Days at 27°C	10 Mg/L	30 Mg/L	IS 3025 (Part 44)
Chemical Oxygen Demand	60 Mg/L	250 Mg/L	APHA (24TH Edition) 5220B
Oil & Grease	< 5.0 Mg/L	10 Mg/L	APHA (24TH Edition) 5520 O&G B
Cadmium (as Cd)	< 0.01 Mg/L	2.0 Mg/L	
Copper (as Cu)	< 0.01 Mg/L	3.0 Mg/L	
Zinc (as Zn)	0.06 Mg/L	5.0 Mg/L	APHA (24TH Edition) 3111B
Nickel (as Ni)	< 0.01 Mg/L	3 Mg/L	APHA (24TH Edition) 3111B
Sulphide (as S)	< 0.5 Mg/L	2 Mg/L	APHA (24 TH Edition) 4500SF
Cyanide (as CN)	< 0.02 Mg/L	0.2 Mg/L	
Mercury (as Hg)	< 0.001 Mg/L	0.01 Mg/L	
Chloride as Cl	189.9 Mg/L	-	APHA (24TH Edition) 4500 CI- B
Iron (as Fe)	0.08 Mg/L	3 Mg/L	APHA (24TH Edition) 3111B
Fluoride (as F)	0.67 Mg/L	2 Mg/L	

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

ISO-8001:2016 CERTIFIED LABORATORY ISO-14001:2016 CERTIFIED LABORATORY ISO-45001:2016 CERTIFIED LABORATORY

Sample ID No.: SCS/W/20250201/48	Date of Registration: 01.02.2025
Report No. SCS/HZL/W/20250201/48(2/2)	Date of Report: 11.02.2025

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling
Date of start of testing

03.02.2025 05.02.2025

Date of start of testing Date of end of testing

11.02.2025 ETP Outlet Wat

Details of Sample Sample collected by ETP Outlet Water SCS Representative

Parameter	Results	Standard as per Schedule VI of the EP Act 1986 for Inland Surface Water	
Lead (as Pb)	< 0.01 Mg/L	0.24.7	APHA (24TH Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) Authorised Signatory

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SCS ENVIRO SERVICES PRIVATE LIMITED

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



TC-13363

150-4661;3916 CERTIFIED LABORATORY 150-14001;2016 CERTIFIED LABORATORY 160-45001;2010 CERTIFIED LABORATORY

Sample ID No.: SCS/W/20250324/29	Date of Registration: 24.03.2025
Cample 10 1to.; OCB: W/20230324727	
Report No. SCS/HZL/W/20250324/29(1/2)	Date of Report: 02.04,2025
Report No. SCS/HZEJ W/Z0Z30324/Z3(X/Z)	220012000000000000000000000000000000000

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling
Date of start of testing
Date of end of testing

Details of Sample Sample collected by 25.03.2025 26.03.2025 02.04.2025

: 02.04.2025 : ETP Outlet Water : SCS Representative

Parameter	Results	Standard as per Schedule VI of the EP Act 1986 for Inland Surface Water	Protocol
Total Suspended Solids	23 Mg/L	100 Mg/L	APHA (24 TH Edition) 2540D
pH value	8.14	5.5 to 9.0	APHA (24 TH Edition) 4500-H
BODapays at 27°C	8 Mg/L	30 Mg/L	IS 3025 (Part 44)
Chemical Oxygen Demand	40 Mg/L	250 Mg/L	APHA (24 TH Edition) 5220B
Oil & Grease	< 5.0 Mg/L	10 Mg/L	APHA (24TH Edition) 5520 O&G B
Cadmium (as Cd)	<: 0.01 Mg/L	2.0 Mg/L	APHA (24TH Edition) 3111B
Copper (as Cu)	< 0.01 Mg/L	3.0 Mg/L	APHA (24TH Edition) 3111B
Zinc (as Zn)	0.04 Mg/L	5.0 Mg/L	APHA (24TH Edition) 3111B
Nickel (as Ni)	< 0.01 Mg/L	3 Mg/L	APHA (24TH Edition) 3111B
Sulphide (as S)	< 0.5 Mg/L	2 Mg/L	APHA (24 ^{TIL} Edition) 4500SF
Cyanide (as CN)	< 0.02 Mg/L	0.2 Mg/L	APHA (24TII Edition) 4500CN C&E
Mercury (as Hg)	< 0.001 Mg/L	0.01 Mg/L	APHA (24 TH Edition) 3112B
Chloride as Cl	149.9 Mg/L		APHA (24TH Edition) 4500 Cl- B
Iron (as Fe)	0.05 Mg/L		APHA (24 ^{TII} Edition) 3111B
Fluoride (as F)	0.88 Mg/L		APHA (24 TH Edition) 4500F D

Per pro SCS Enviro Services Pvt. Ltd.,





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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample 1D No.: SCS/W/20250324/29	Date of Registration: 24.03.2025
Report No. SCS/HZL/W/20250324/29(2/2)	Date of Report: 02.04.2025

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling Date of start of testing Date of end of testing Details of Sample

26.03.2025 02.04.2025

25.03.2025

ETP Outlet Water SCS Representative

Sample collected by

Parameter	Results	Standard as per Schedule VI of the EP Act 1986 for Inland Surface Water	
Lead (as Pb)	< 0.01 Mg/L	0.1 Mg/L	APHA (24 TH Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd.,

Joeeeck Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

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JAIPUR

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



C-13363

60-9001:2016 CERTIFIED LABORATORY 60-14001:2018 CERTIFIED LABORATORY 50-46001:2016 CERTIFIED LABORATORY

Sample ID No.: SCS/WW/20241008/46	Date of Registration: 08.10.2024
Report No. SCS/HZL/WW/20241008/46	Date of Report: 21.10.2024

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client
Date of Sample Receipt
Date of start of testing

Village: Debari, Udaipur-313024, Rajasthan 08.10.2024 10.10.2024 21.10.2024

Date of start of testing Date of end of testing Details of Sample Sample sent by

STP Outlet Plant SCS representative

Parameter	Results	Protocol
pH	7.02	APHA (24 ^{TII} Edition) 4500 H
Total Suspended Solids	< 5 Mg/L	APHA (24 ^{TII} Edition) 2540 D
Oil & Grease	< 5.0 Mg/L	APHA (24TH Edition) 5520 B
Ammonical Nitrogen (as N)	< 5.0 Mg/L	APHA (24TH Edition) 4500NH ₃ B
COD	40 Mg/L	APHA (24TH Edition) 5220 B
BOD3Days at 27°C	7 Mg/L	IS 3025 (Part 44)
Nitrate Nitrogen	4.2 Mg/L	APHA (24 TH Edition) 4500 B

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Per pro SCS Enviro Services Pyty

Dr. D. S. Parihar (Technical Manager) Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Sample ID No.: SCS/WW/20241008/48	Date of Registration: 08.10.2024
Report No. SCS/HZL/WW/20241008/48(1/2)	Date of Report: 21.10.2024

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Sample Receipt Village: Debari, Udaipur-313024, Rajasthan

Date of start of testing Date of end of testing

08.10.2024 10.10.2024 21.10.2024

Details of Sample Sample sent by

STP Outlet Colony SCS representative

Parameter	Results	Protocol
pH	8.38	APHA (24TH Edition) 4500 H
Total Suspended Solids	< 5 Mg/L	APHA (24 TH Edition) 2540 D
Oil & Grease	< 5.0 Mg/L	APHA (24TH Edition) 5520 B
Total Residual Chlorine	< 0.1 Mg/L	APHA (24TH Edition) 4500NH ₃ B
Ammonical Nitrogen (as N)	< 5.0 Mg/L	APHA (24 TH Edition) 5220 B
COD	40 Mg/L	IS 3025 (Part 44)
BOD _{3Days at 27°C}	6 Mg/L	APHA (24TH Edition) 4500 B
Nitrate as NO ₃	3.8 Mg/L	APHA (24TH Edition) 4500 H

Per pro SCS Enviro Services Tyte Ltd.

Dr. D. S. Parihar (Technical Manager)

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JAIPUR



7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

180-9091:2015 CERTIFIED LABORATORY 180-14061:2015 CERTIFIED LABORATORY 180-45061:2016 CERTIFIED LABORATORY

Sample ID No.: SCS/WW/20241008/48	Date of Registration: 08.10.2024
Report No. SCS/HZL/WW/20241008/48(2/2)	Date of Report: 21.10.2024

TEST REPORT

Name of Client Address Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling
Date of start of testing

08.10.2024 10.10.2024

Date of end of testing
Details of Sample

: 21.10.2024 : STP Outlet Colony : SCS Representative

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MPUR

Sample submitted by : SCS Representative

Parameter	Results	Protocol
Bioassay Test	100% survival of fish after 96 hours in 100 % effluent	IS 6582 (Part 2)
Fecal Coliform	Absent	APHA (24 ^{TII} Edition) 9230 C

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Samuel IV IV GOOD TO THE STATE OF THE STATE	
Sample ID No.: SCS/WW/20241127/64	Date of Registration: 27.11.2024
Report No. SCS/HZL/WW/20241127/64	Date of Registration; 27.11.2024
2355011710. SCG11212 W W/2024112//64	Date of Report: 05.12.2024

TEST REPORT

Name of Client Address of Client M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan

Date of Sample Receipt Date of start of testing Date of end of testing Details of Sample

Sample sent by

28.11.2024 30.11.2024 05.12.2024 STP Outlet Plant

SCS representative

Parameter	Results	Protocol
pH	8.05	APHA (24TH Edition) 4500 H
Total Suspended Solids	8 Mg/L	APHA (24TH Edition) 2540 D
Oil & Grease	< 5.0 Mg/L	APHA (24TH Edition) 5520 B
Ammonical Nitrogen (as N)	< 5.0 Mg/L	APHA (24TH Edition) 4500NH ₃ B
COD	40 Mg/L	APHA (24TH Edition) 5220 B
BOD3Days at 27°C	7 Mg/L	IS 3025 (Part 44)
Nitrate Nitrogen	5.0 Mg/L	APHA (24TH Edition) 4500 B

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager)

Authorised Signatory

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JAIPUR

SCS

SCS ENVIRO SERVICES PRIVATE LIMITED

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



-13363

190-0001:2016 CERTIFIED LABORATORY 190-14001:2016 CERTIFIED LABORATORY 190-44001:2016 CERTIFIED LABORATORY

Sample ID No.: SCS/WW/20241127/66	Date of Registration: 27.11.2024
Report No. SCS/HZL/WW/20241127/66(1/2)	Date of Report: 05.12.2024

TEST REPORT

Name of Client Address of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Date of Sample Receipt
Date of start of testing
Date of end of testing

Village: Debari, Udaipur-313024, Rajasthan 28.11.2024

: 30.11.2024 : 05.12.2024 : STP Outlet C

Details of Sample : STP Outlet Colony
Sample sent by : SCS representative

Parameter	Results	Protocol
pH	7.36	APHA (24TH Edition) 4500 H
Total Suspended Solids	I4 Mg/L	APHA (24TH Edition) 2540 D
Oil & Grease	< 5.0 Mg/L	APHA (24TH Edition) 5520 B
Total Residual Chlorine	< 0.1 Mg/L	APHA (24TH Edition) 4500NH ₃ E
Ammonical Nitrogen (as N)	< 5.0 Mg/L	APHA (24 TH Edition) 5220 B
COD	45 Mg/L	IS 3025 (Part 44)
BOD _{3Days} at 27°C	9 Mg/L	APHA (24 TH Edition) 4500 B
Nitrate as NO ₃	6.6 Mg/L	APHA (24TH Edition) 4500 H

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) Authorised Signatory



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7. KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/WW/20241127/66	Date of Registration: 27.11.2024
Report No. SCS/HZL/WW/20241127/66(2/2)	Date of Report: 05.12,2024

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling Date of start of testing

28.11.2024 30.11.2024

Date of end of testing Details of Sample Sample submitted by

05.12.2024 STP Outlet Colony

SCS Representative

Parameter	Results	Protocol
Bioassay Test	100% survival of fish after 96 hours in 100 % effluent	IS 6582 (Part 2)
Fecal Coliform	Absent	APHA (24 TH Edition) 9230 C

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Sample ID No.: SCS/WW/20241217/27	Date of Registration: 17.12.2024
Report No. SCS/HZL/WW/20241217/27	Date of Report: 27.12.2024

TEST REPORT

Name of Client Address of Client M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Date of Sample Receipt Date of start of testing Date of end of testing

Village: Debari, Udaipur-313024, Rajasthan 17.12.2024 20.12.2024 27.12.2024

Details of Sample STP Outlet Plant Sample sent by SCS representative

Parameter	Results	Protocol
pH	7.22	APHA (24TH Edition) 4500 H
Total Suspended Solids	: 5 Mg/L	APHA (24TH Edition) 2540 D
Oil & Grease	< 5.0 Mg/L	APHA (24TH Edition) 5520 B
Ammonical Nitrogen (as N)	< 5.0 Mg/L	APHA (24TH Edition) 4500NH ₃ B
COD	46 Mg/L	APHA (24 TH Edition) 5220 B
BOD3Days at 27°C	9 Mg/L	IS 3025 (Part 44)
Nitrate Nitrogen	5.2 Mg/L	APHA (24TH Edition) 4500 B

Per pro SCS Enviro Services Pvt, Ltd.,

Dr. D. S. Parihar (Technical Manager) Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE. RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Sample ID No.: SCS/WW/20241217/29	Date of Registration: 17.12.2024
Report No. SCS/HZL/WW/20241217/29(1/2)	Date of Report: 27.12.2024

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sample Receipt Date of start of testing

17.12.2024 20.12.2024

Date of end of testing Details of Sample Sample sent by

STP Outlet Colony SCS representative

27.12.2024

Parameter	Results	Protocol
pH	7.10	APHA (24TH Edition) 4500 H
Total Suspended Solids	9 Mg/L	APHA (24 TH Edition) 2540 D
Oil & Grease	< 5.0 Mg/L	APHA (24TH Edition) 5520 B
Total Residual Chlorine	< 0.1 Mg/L	APHA (24TH Edition) 4500NH ₃ B
Ammonical Nitrogen (as N)	< 5.0 Mg/L	APHA (24TH Edition) 5220 B
COD	42 Mg/L	IS 3025 (Part 44)
BOD3Days at 27°C	8 Mg/L	APHA (24TH Edition) 4500 B
Nitrate as NO ₃	6.0 Mg/L	APHA (24TH Edition) 4500 H

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar. (Technical Manager)

Authorised Signatory

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- The sample will be destroyed after 15 days from the date of issue of the test report.
- The liability of the laboratory is limited to the invoiced amount.
- All disputes are subjected to Jaipur jurisdiction.



7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/WW/20241217/29	Date of Registration: 17.12.2024
Report No. SCS/HZL/WW/20241217/29(2/2)	Date of Report: 27.12.2024

TEST REPORT

Name of Client Address Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling Date of start of testing

: 17.12.2024 20.12.2024

Date of end of testing Details of Sample

27.12.2024 STP Outlet Colony

Sample submitted by SCS Representative

Parameter	Results	Protocol
Bioassay Test	100% survival of fish after 96 hours in 100 % effluent	IS 6582 (Part 2)
Fecal Coliform	Absent	APHA (24TH Edition) 9230 C

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parillar (Technical Manager) Authorised Signatory

Quell

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



190-8691;2016 CERTIFIED LABORATORY 190-14691;2016 CERTIFIED LABORATORY 190-45081;2016 CERTIFIED LABORATORY

Sample ID No.: SCS/WW/20250115/27	Date of Registration: 15.01.2025
Report No. SCS/HZL/WW/20250115/27	Date of Report: 25.01.2025

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sample Receipt Date of start of testing

15.01.2025 17.01.2025 25.01.2025

Date of end of testing Details of Sample Sample sent by

STP Outlet Plant SCS representative

Parameter	Results	Protocol
pH	7.98	APHA (24TH Edition) 4500 H
Total Suspended Solids	7 Mg/L	APHA (24TH Edition) 2540 D
Oil & Grease	< 5.0 Mg/L	APHA (24TH Edition) 5520 B
Ammonical Nitrogen (as N)	< 5.0 Mg/L	APHA (24TH Edition) 4500NH ₁ B
COD	48 Mg/L	APHA (24TH Edition) 5220 B
BOD3Days at 27°C	9 Mg/L	IS 3025 (Part 44)
Nitrate Nitrogen	5.6 Mg/L	APHA (24TH Edition) 4500 B

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager)

Authorised Signatory

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The sample will be destroyed after 15 days from the date of issue of the test report.

The liability of the laboratory is limited to the invoiced amount.

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE. RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042218



Sample ID No.: SCS/WW/20250115/29	Date of Registration: 15.01.2025
Report No. SCS/HZL/WW/20250115/29(1/2)	Date of Report: 25.01.2025

TEST REPORT

Name of Client

M/s. Kindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sample Receipt Date of start of testing

15.01.2025 17.01.2025

Date of end of testing Details of Sample

25.01.2025

Sample sent by

STP Outlet Colony SCS representative

Parameter	Results	Protocol
pH	7.58	APHA (24TH Edition) 4500 H
Total Suspended Solids	10 Mg/L	APHA (24TH Edition) 2540 D
Oil & Grease	< 5.0 Mg/L	APHA (24TH Edition) 5520 B
Total Residual Chlorine	< 0.1 Mg/L	APHA (24TH Edition) 4500NH ₃ B
Ammonical Nitrogen (as N)	< 5.0 Mg/L	APHA (24TH Edition) 5220 B
COD	40 Mg/L	IS 3025 (Part 44)
BOD3pays at 27°C	8 Mg/L	APHA (24TH Edition) 4500 B
Nitrate as NO ₃	5.2 Mg/L	APHA (24TH Edition) 4500 H

Per pro SCS Enviro Services Pvt. Ltd.,

Dogeres Dr. D. S. Parihar

(Technical Manager) **Authorised Signatory**



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/WW/20250115/29	Date of Registration: 15.01.2025
Report No. SCS/HZL/WW/20250115/29(2/2)	Date of Report: 25.01.2025

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling Date of start of testing

: 15.01.2025 : 17.01.2025

Date of end of testing Details of Sample

: 25.01.2025 STP Outlet Colony

Sample submitted by : SCS Representative

Parameter	Results	Protocol
Bioassay Test	100% survival of fish after 96 hours in 100 % effluent	IS 6582 (Part 2)
Fecal Coliform	Absent	APHA (24TH Edition) 9230 C

Per pro SCS Enviro Services Pvt. Ltd.,

yourself Dr. D. S. Parihar (Technical Manager)

Authorised Signatory

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All disputes are subjected to Jaipur jurisdiction.

.

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE. RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Sample ID No.: SCS/WW/20250201/79	Date of Registration: 01.02.2025
The state of the s	Date of Registration. 01.02.2023
Report No. SCS/HZL/WW/20250201/79	Date of Report: 11.92.2025

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sample Receipt Date of start of testing

03.02.2025 05.02.2025

Date of end of testing Details of Sample Sample sent by

:

11.02.2025 STP Outlet Plant SCS representative

Parameter	Results	Protocol
pH	8.07	APHA (24 ^{TR} Edition) 4500 H
Total Suspended Solids	< 5 Mg/L	APHA (24TH Edition) 2540 D
Oil & Grease	< 5.0 Mg/L	APHA (24TH Edition) 5520 B
Ammonical Nitrogen (as N)	< 5.0 Mg/L	APHA (24TH Edition) 4500NH ₃ B
COD	35 Mg/L	APHA (24TH Edition) 5220 B
BOD _{3Days at 27°C}	6 Mg/L	IS 3025 (Part 44)
Nitrate Nitrogen	4.2 Mg/L	APHA (24TH Edition) 4500 B

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) Authorised Signatory

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J'ar UR

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Cample ID No. COURTS INC.	
Sample ID No.: SCS/WW/20250201/81	Date of Registration: 01.02.2025
Report No. SCS/HZL/WW/20250201/81(1/2)	
	Date of Report: 11.02.2025

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sample Receipt Date of start of testing

03.02,2025 05.02.2025

Date of end of testing

11.02.2025 STP Outlet Colony

Details of Sample Sample sent by SCS representative

Parameter	Results	Protocol
pH	7.22	APHA (24TH Edition) 4500 H
Total Suspended Solids	19 Mg/L	APHA (24 TH Edition) 2540 D
Oil & Grease	< 5.0 Mg/L	APHA (24 TH Edition) 5520 B
Total Residual Chlorine	< 0.1 Mg/L	APHA (24TH Edition) 4500NH ₃ B
Ammonical Nitrogen (as N)	< 5.0 Mg/L	APHA (24 TH Edition) 5220 B
COD	49 Mg/L	IS 3025 (Part 44)
BOD3Days at 27°C	9 Mg/L	APHA (24TH Edition) 4500 B
Nitrate as NO ₃	7.4 Mg/L	APHA (24TH Edition) 4500 H

Per pro SCS Enviro Services Pvt Ltd.,

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

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JAIPUR

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Cample ID No. COORTESTED	
Sample ID No.: SCS/WW/20250201/81	Date of Registration: 01.02.2025
Percet No SCC/UZZ BIOV/20220204 (24.02)	
Report No. SCS/HZL/WW/20250201/81(2/2)	Date of Report: 11.02.2025
	2 410 01 11cp011. 11:02:2023

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client Date of Sampling Village: Debari, Udaipur-313024, Rajasthan

Date of start of testing Date of end of testing

03.02.2025 05.02.2025 11.02.2025

Details of Sample Sample submitted by

STP Outlet Colony SCS Representative

Parameter	Results	Protocol
Bioassay Test	100% survival of fish after 96 hours in 100 % effluent	IS 6582 (Part 2)
Fecal Coliform	Absent	APHA (24 ^{Tt1} Edition) 9230 C

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager)

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JAPUN

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Cample ID No. COSTANTINGO	
Sample ID No.: SCS/WW/20250324/31	Date of Registration: 24.03.2025
Report No. SCS/HZL/WW/20250324/31	
######################################	Date of Report: 02.04.2025

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sample Receipt Date of start of testing

25.03.2025

Date of end of testing Details of Sample Sample sent by

02.04.2025 STP Outlet Plant SCS representative

26.03.2025

Parameter	Results	Protocol
pH	7.58	APHA (24TH Edition) 4500 H
Total Suspended Solids	< 5 Mg/L	APHA (24 TH Edition) 2540 D
Oil & Grease	< 5.0 Mg/L	APHA (24TH Edition) 5520 B
Ammonical Nitrogen (as N)	< 5.0 Mg/L	APHA (24 TH Edition) 4500NH ₃ E
COD	46 Mg/L	APHA (24TH Edition) 5220 B
BOD _{3Onys at 27°C}	8 Mg/L	IS 3025 (Part 44)
Nitrate Nitrogen	5.1 Mg/L	APHA (24TH Edition) 4500 B

Per pro SCS Enviro Services Pvt. Ltd.

Dr. D. S. Parihar (Technical Manager)

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Cample ID No. OCCUPATION	
Sample ID No.: SCS/WW/20250324/33	Date of Registration: 24.03.2025
Report No. SCS/HZL/WW/20250324/33(1/2)	
1112020032403(IIZ)	Date of Report: 02.04.2025

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sample Receipt Date of start of testing

25.03.2025 26.03.2025

Date of end of testing Details of Sample

02.04.2025

STP Outlet Colony Sample sent by SCS representative

Parameter	Results	Protocol
рН	7.42	APHA (24TH Edition) 4500 H
Total Suspended Solids	13 Mg/L	APHA (24TH Edition) 2540 D
Oil & Grease	< 5.0 Mg/L	APHA (24 TH Edition) 5520 B
Total Residual Chlorine	< 0.1 Mg/L	APHA (24TH Edition) 4500NH ₃ B
Ammonical Nitrogen (as N)	5.0 Mg/L	APHA (24 TH Edition) 5220 B
COD	46 Mg/L	IS 3025 (Part 44)
BOD3Days at 27°C	8 Mg/L	APHA (24TI Edition) 4500 B
Nitrate as NO ₃	6.6 Mg/L	APHA (24TH Edition) 4500 H

Per pro SCS Enviro Services Pv. L

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/WW/20250324/33	Date of Registration: 24.03.2025
Report No. SCS/HZL/WW/20250324/33(2/2)	Date of Report: 02.04.2025

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling Date of start of testing : 26.03.2025

: 25.03.2025

Date of end of testing

: 02.04.2025

Details of Sample Sample submitted by

STP Outlet Colony

: SCS Representative

Parameter	Results	Protocol
Bioassay Test	100% survival of fish after 96 hours in 100 % effluent	IS 6582 (Part 2)
Fecal Coliform	Absent	APHA (24TH Edition) 9230 C

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

SERV JAIPUR

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



(SO-9661;3915 CERTIFIED LABORATOR) (SO-14901;3915 CERTIFIED LABORATOR (SO-44901;3915 CERTIFIED LABORATOR)

Sample ID No.: SCS/W/20241127/33	
oort No. SCS/HZL/W/20241127/33 Date of Regist	Date of Registration: 27.11.2024
	Date of Report: 05.12.2024

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client

: Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling Date of start of testing Date of end of testing

28.11,2024 30.11.2024 05.12.2024

Details of Sample Piezometer No. 1 Water Sample submitted by : SCS Representative

Parameter	Dogulto	[D
pH		Protocol
Iron as Fe	7.55	APHA (24TH Edition) 4500 H
Iron as re	0.03 Mg/I	APHA (24TH Edition) 3111B
Cadmium as Cd	U.UJ Mg/L	AFRIA (24" Edition) 3111B
Lead as Pb	< 0.003 Mg/L	APHA (24TH Edition) 3111B
	< 0.01 Mg/T	APHA (24 TH Edition) 3111B
Zinc as Zn	- Olor High L	ALTIA (24 Edition) 3111B
and to the	0.63 Mg/L	APHA (24TH Edition) 3111B

Per pro SCS Enviro Services

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE. RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Sample ID No.: SCS/W/20241127/34	Date of Registration; 27.11.2024
Report No. SCS/HZL/W/20241127/34	Date of Report: 05.12.2024

TEST REPORT

Name of Client Address Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling Date of start of testing

28.11.2024 30.11.2024

Date of end of testing Details of Sample Sample submitted by

05.12.2024 Piezometer No. 2 Water SCS Representative

Parameter		Protocol
pH	7.68	APHA (24TH Edition) 4500 H
Iron as Fe	< 0.01 Mg/L	APHA (24TH Edition) 3111B
Cadmium as Cd		APHA (24TH Edition) 3111B
Lead as Pb	< 0.01 Mg / L	APHA (24TH Edition) 3111B
Zinc as Zn	0.22 Mg/L	APHA (24TH Edition) 3111B

Per pro SCS Enviro Services Pir Min

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

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The liability of the laboratory is limited to the invoiced amount.

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SCS ENVIRO SERVICES PRIVATE LIMITED

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



C-13363

80-4441;2918 CERTIFIED LABORATORY 80-4441;2918 CERTIFIED LABORATORY 60-4441;2918 CERTIFIED LABORATORY

Sample ID No.: SCS/W/20241127/35	Date of Registration: 27.11.2024
Report No. SCS/HZL/W/20241127/35	Date of Report: 05.12.2024

TEST REPORT

Name of Client

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client Date of Sampling Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling

Date of start of testing

Date of end of testing

28.11.2024 30.11.2024 05.12.2024

Details of Sample : Sample submitted by :

: Piezometer No. 3 Water : SCS Representative

Parameter	Results	Protocol
pH	7.94	APHA (24TH Edition) 4500 H
Iron as Fe	< 0.01 Mg/L	APHA (24TH Edition) 3111B
Cadmium as Cd	< 0.003 Mg/L	APHA (24TH Edition) 3111B
Lead as Pb	< 0.01 Mg / L	APHA (24TH Edition) 3111B
Zinc as Zn	0.20 Mg / L	APHA (24TH Edition) 3111B

Per pro SCS Enviro Services Pvi Min

Dr. D. S. Parihar (Technical Manager) Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



TC-13363

IBG-9661:2815 CERTIFIED LABORATORY IBD-44661:2815 CERTIFIED LABORATORY IBD-45861:2818 CERTIFIED LABORATORY

Sample ID No.: SCS/W/20241127/36	Date of Registration: 27.11.2024
Report No. SCS/HZL/W/20241127/36	Date of Report: 05.12.2024

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling
Date of start of testing

28.11.2024

Date of start of testing Date of end of testing

30.11.2024 05.12.2024

Details of Sample Sample submitted by : Piezometer No. 4 Water : SCS Representative

Parameter	Results	Protocol
pH	6.80	APHA (24TH Edition) 4500 H
Iron as Fe	< 0.01 Mg/L	APHA (24TH Edition) 3111B
Cadmium as Cd	< 0.003 Mg / L	APHA (24 TH Edition) 3111B
Lead as Pb	< 0.01 Mg / L	APHA (24 TH Edition) 3111B
Zinc as Zn	1.97 Mg/L	APHA (24 TH Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd., RVic

Dr. D. S. Parihar (Technical Manager) Authorised Signatory

The results refer only to the tested sample and applicable parameters.

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The liability of the laboratory is limited to the invoiced amount.

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Sample ID No.: SCS/W/20241127/37	Date of Registration: 27.11.2024
Report No. SCS/HZL/W/20241127/37	Date of Report: 05.12.2024

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client Date of Sampling Village: Debari, Udaipur-313024, Rajasthan

Date of start of testing Date of end of testing

28.11.2024 30.11.2024 05.12.2024

Details of Sample Sample submitted by

Piezometer No. 5 Water SCS Representative

Parameter		Protocol
pH	7.29	APHA (24TH Edition) 4500 H
Iron as Fe	< 0.01 Mg / L	APHA (24TH Edition) 3111B
Cadmium as Cd	< 0.003 Mg/L	APHA (24TH Edition) 3111B
Lead as Pb	< 0.01 Mg/L	APHA (24TH Edition) 3111B
Zinc as Zn	1.14 Mg/L	APHA (24TH Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd:

Jeogeor Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

The results refer only to the tested sample and applicable parameters.

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This report cannot be reproduced without the written permission of the director.

The sample will be destroyed after 15 days from the date of issue of the test report.

The liability of the laboratory is limited to the invoiced amount.

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Sample ID No.: SCS/W/20241127/38	Date of Registration: 27.11.2024
Report No. SCS/HZL/W/20241127/38	Date of Report: 05.12.2024

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling Date of start of testing

28.11.2024 30,11,2024 05.12,2024

Date of end of testing Details of Sample Sample submitted by

Piezometer No. 6 Water SCS Representative

Parameter	Results	Protocol
pH	7.83	APHA (24TH Edition) 4500 H
Iron as Fe	< 0.01 Mg/L	APHA (24TH Edition) 3111B
Cadmium as Cd	< 0.003 Mg / L	APHA (24TH Edition) 3111B
Lead as Pb	< 0.01 Mg/L	APHA (24TH Edition) 3111B
Zinc as Zn	0.14 Mg/L	APHA (24TH Edition) 3111B

Per pro SCS Enviro Services Pyt. Ltd.,

Dr. D. S. Parihar (Technical Manager)

Authorised Signatory

The results refer only to the tested sample and applicable parameters.

This report in full or in part, shall not be used for advertising or as evidence in any court of law.

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The liability of the laboratory is limited to the invoiced amount.

SCS

SCS ENVIRO SERVICES PRIVATE LIMITED

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



ISO-9001:2015 CERTIFIED LABORATORY ISO-14401:2016 CERTIFIED LABORATORY ISO-45601:2016 CERTIFIED LABORATORY

Sample ID No.: SCS/W/20241127/40	Date of Registration: 27.11.2024
Report No. SCS/HZL/W/20241127/40	Date of Report: 05.12.2024

TEST REPORT

Name of Client Address Client

M/s. Hindustan Zinc Limited, Zinc Smelter, DebariVillage: Debari, Udaipur-313024, Rajasthan

Date of Sampling
Date of start of testing

28.11.2024 30.11.2024 05.12.2024

Date of end of testing Details of Sample Sample submitted by

Piezometer No. 8 Water SCS Representative

Parameter	Results	Protocol
pH	7.65	APHA (24TH Edition) 4500 H
Iron as Fe	< 0.01 Mg/L	APHA (24TH Edition) 3111B
Cadmium as Cd	< 0.003 Mg/L	APHA (24TH Edition) 3111B
Lead as Pb	< 0.01 Mg/L	APHA (24TH Edition) 3111B
Zinc as Zn	0.06 Mg/L	APHA (24TH Edition) 3111B

Per pro SCS Enviro Services Pvt. Lts.

Dr. D. S. Parihar (Technical Manager) Authorised Signatory

• The results refer only to the tested sample and applicable parameters.

• This report in full or in part, shall not be used for advertising or as evidence in any court of law.

• This report cannot be reproduced without the written permission of the director.

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· The liability of the laboratory is limited to the invoiced amount.

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Sample ID No.: SCS/W/20241127/39	Date of Registration: 27.11.2024
Report No. SCS/HZL/W/20241127/39	Date of Report: 05.12.2024

TEST REPORT

Name of Client Address Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling Date of start of testing :

28.11.2024 30.11.2024

Date of end of testing

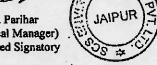
05.12.2024 Piezometer No. 7 Water

Details of Sample : SCS Representative Sample submitted by

Parameter	Results	Protocol
pH	7.60	APHA (24TH Edition) 4500 H
Iron as Fe	< 0.01 Mg/L	APHA (24TH Edition) 3111B
Cadmium as Cd	< 0.003 Mg / L	APHA (24TH Edition) 3111B
Lead as Pb		APHA (24TH Edition) 3111B
Zinc as Zn	0.03 Mg/L	APHA (24TH Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd.,

Dogood Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**



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SCS

SCS ENVIRO SERVICES PRIVATE LIMITED

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



IAG-9901;2016 CERTIFIED LABORATORY ISG-14001;2016 CERTIFIED LABORATORY ISG-44001;2016 CERTIFIED LABORATORY

Sample ID No.: SCS/W/20241127/41	Date of Registration: 27.11.2024
Report No. SCS/HZL/W/20241127/41	Date of Report: 05.12.2024

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling
Date of start of testing

28.11.2024 30.11.2024 05.12.2024

Date of end of testing Details of Sample Sample submitted by

Piezometer No. 9 Water SCS Representative

Parameter	Results	Protocol
PΗ	7.36	APHA (24TH Edition) 4500 H
Iron as Fe	< 0.01 Mg / L	APHA (24TH Edition) 3111B
Cadmium as Cd	< 0.003 Mg/L	APHA (24TH Edition) 3111B
Lead as Pb	< 0.01 Mg/L	APHA (24TH Edition) 3111B
Zinc as Zn	0.02 Mg/L	APHA (24TH Edition) 3111B

Per pro SCS Enviro Services Pvt: Ltd.,

Dr. D. S. Parihar

(Technical Manager) Authorised Signatory

• The results refer only to the tested sample and applicable parameters.

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· The liability of the laboratory is limited to the invoiced amount.

· All disputes are subjected to Jaipur jurisdiction.

RVIC

JAIPUR

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Sample ID No.: SCS/W/20241127/42	Date of Registration: 27.11.2024
Report No. SCS/HZL/W/20241127/42	Date of Report: 05.12.2024

TEST REPORT

Name of Client Address Client

M/s, Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling Date of start of testing

28.11.2024 30.11.2024

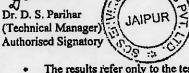
Date of end of testing Details of Sample Sample submitted by

05.12.2024 Piezometer No. 10 Water SCS Representative

Parameter	Results	Protocol ·
эН	7.50	APHA (24TH Edition) 4500 H
Iron as Fe		APHA (24TH Edition) 3111B
Cadmium as Cd	< 0.003 Mg / L	APHA (24TH Edition) 3111B
Lead as Pb	< 0.01 Mg/L	APHA (24TH Edition) 3111B
Zinc as Zn	0.47 Mg/L	APHA (24TH Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager)



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



IBO-9601;2015 CERTIFIED LABORATORY IBO-14601;2015 CERTIFIED LABORATORY IBO-46001;2016 CERTIFIED LABORATORY

Sample ID No.: SCS/W/20250201/49	Date of Registration: 01.02.2025
Report No. SCS/HZL/W/20250201/49	Date of Report: 11.02.2025

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling

03.02.2024 : 05.02.2025

Date of start of testing Date of end of testing

: 11.02.2025

Details of Sample Sample submitted by

: Piezometer No. 1 Water : SCS Representative

Parameter	Results	Protocol
pH	7.89	APHA (24TH Edition) 4500 H
Iron as Fe	0.04 Mg/L	APHA (24TH Edition) 3111B
Cadmium as Cd		APHA (24 TH Edition) 3111B
Lead as Pb	< 0.01 Mg / L	APHA (24TH Edition) 3111B
Zinc as Zn	0.50 Mg/L	APHA (24TH Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar **JAIPUR** (Technical Manager) Authorised Signatory

The results refer only to the tested sample and applicable parameters.

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The liability of the laboratory is limited to the invoiced amount.

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE. RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



TC-13363

0.30 Mg/L APHA (24TH Edition) 3111B

ISO-9601:2915 CERTIFIED LABORATORY ISO-14601:2915 CERTIFIED LABORATORY ISO-46001:2815 CERTIFIED LABORATORY

Sample ID No.: SCS/W/20250201/50	Date of Registration: 01.02.2025
Report No. SCS/HZL/W/20250201/50	Date of Report: 11.02.2025

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan

Address Client Date of Sampling Date of start of testing

03.02.2025 05.02,2025

Date of end of testing Details of Sample Sample submitted by

: 11.02.2025 : Piezometer No. 2 Water SCS Representative

Parameter	Results	Protocol
pH	7.07	APHA (24TH Edition) 4500 H
Iron as Fe	< 0.01 Mg / L	APHA (24TH Edition) 3111B
Cadmium as Cd	< 0.003 Mg/L	APHA (24TH Edition) 3111B
Lead as Pb	< 0.01 Mg/L	APHA (24TH Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd.,

Deceel Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

Zinc as Zn



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The liability of the laboratory is limited to the invoiced amount.

SCS scs enviro services private limited

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



ISO-6861:2015 CERTWIED LABORATORY ISO-1400:2016 CERTWIED LABORATORY ISO-14001:2016 CERTWIED LABORATORY

C . TO N. COCCUMANZERANIE1	Date of Registration: 01.02.2025
Sample ID No.: SCS/W/20250201/51	
Report No. SCS/HZL/W/20250201/51	Date of Report: 11.02.2025
Report No. SCS/HZLJ WIZUZSUZUIST	

TEST REPORT

Name of Client

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling Date of start of testing : 05.02.2025

: 03.02.2025

Date of end of testing

: 11.02.2025

Details of Sample Sample submitted by

: Piezometer No. 3 Water : SCS Representative

	The Bustonel
Parameter	Results Protocol
	8.16 APHA (24 TH Edition) 4500 H
OH	< 0.01 Mg/L APHA (24TH Edition) 3111B
Iron as Fe	< 0.003 Mg/L APHA (24TH Edition) 3111B
Cadmium as Cd	< 0.01 Mg/L APHA (24 TH Edition) 3111B
Lead as Pb	< 0.01 Mg / L APHA (24 Collan) 3111B
Zinc as Zn	0.25 Mg/L APHA (24TH Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd.,

Decees Dr. D. S. Parihar (Technical Manager)

Authorised Signatory

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The liability of the laboratory is limited to the invoiced amount.

All disputes are subjected to Jaipur jurisdiction.

JAIPUR

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



15/0-0001:2015 CERTIFIED LABORATORY 10/0-14001:2015 CERTIFIED LABORATORY

Sample ID No.: SCS/W/20250201/52	Date of Registration: 01.02.2025
Report No. SCS/HZL/W/20250201/52	Date of Report: 11.02.2025

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling Date of start of testing

03.02.2025 : 05.02.2025

Date of end of testing Details of Sample

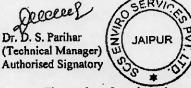
11.02.2025 Piezometer No. 4 Water

Sample submitted by : SCS Representative

Parameter	Results	Protocol	
pH	6.95	APHA (24TH Edition) 4500 H	
Iron as Fe	< 0.01 Mg/L	APHA (24TH Edition) 3111B	
Cadmium as Cd	< 0.003 Mg/L	APHA (24TH Edition) 3111B	
Lead as Pb	< 0.01 Mg / L	APHA (24TH Edition) 3111B	
Zinc as Zn	1.62 Mg / L	APHA (24TH Edition) 3111B	

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager)



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



180-9901(2815 CERTIFIED LABORATI 180-14991(2815 CERTIFIED LABORAT 180-48991(2818 CERTIFIED LABORAT

Sample ID No.: SCS/W/20250201/53	Date of Registration: 01.02.2025
Report No. SCS/HZL/W/20250201/53	Date of Report: 11.02.2025

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling Date of start of testing 03.02.2025 05.02.2025

Date of end of testing Details of Sample

11.02.2025 Piezometer No. 5 Water

Sample submitted by SCS Representative

Parameter	Results	Protocol
pH	7.40	APHA (24TH Edition) 4500 H
Iron as Fe	< 0.01 Mg / L	APHA (24TH Edition) 3111B
Cadmium as Cd	< 0.003 Mg/L	APHA (24TH Edition) 3111B
Lead as Pb		APHA (24TH Edition) 3111B
Zinc as Zn	0.82 Mg / L	APHA (24TH Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd.,

Deceeed Dr. D. S. Parihar (Technical Manager)

Authorised Signatory



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



County ID M CCC MILLS	
Sample ID No.: SCS/W/20250201/54	Date of Registration: 01.02.2025
Report No. SCS/HZL/W/20250201/54	
	Date of Report: 11.02.2025

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client Date of Sampling Village: Debari, Udaipur-313024, Rajasthan

Date of start of testing Date of end of testing

03.02.2025 05.02.2025 : 11.02.2025

Details of Sample Sample submitted by

Piczometer No. 6 Water SCS Representative

Parameter	Results	Protocol
pH		APHA (24TH Edition) 4500 H
Iron as Fe		APHA (24TH Edition) 3111B
Cadmium as Cd		APHA (24TH Edition) 3111B
Lead as Pb		APHA (24TH Edition) 3111B
Zinc as Zn	0.10 Mg / L	APHA (24TH Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager)

Authorised Signatory



- The results refer only to the tested sample and applicable parameters.
- This report in full or in part, shall not be used for advertising or as evidence in any court of law.
- This report cannot be reproduced without the written permission of the director.
- The sample will be destroyed after 15 days from the date of issue of the test report.
- The liability of the laboratory is limited to the invoiced amount.
- All disputes are s. bjected to Jaipur jurisdiction.

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



TC-13363

Sample ID No.: SCS/W/20250201/55	Date of Registration: 01.02.2025
Report No. SCS/HZL/W/20250201/55	Date of Report: 11.02.2025
	Date of Meport, 11.02.2023

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling Date of start of testing

03.02.2025 05.02.2025

Date of end of testing Details of Sample Sample submitted by

: 11.02.2025 Piezometer No. 7 Water SCS Representative

Parameter	Results	Protocol
pH	7.52	APHA (24TH Edition) 4500 H
Iron as Fe	< 0.01 Mg/L	APHA (24TH Edition) 3111B
Cadmium as Cd		APHA (24TH Edition) 3111B
Lead as Pb	< 0.01 Mg/L	APHA (24 TH Edition) 3111B
Zinc as Zn		APHA (24 TH Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**



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The liability of the laboratory is limited to the invoiced amount.

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



TC-13363

F	
Sample ID No.: SCS/W/20250201/56	Date of Registration: 01.02.2025
Report No. SCS/HZL/W/20250201/56	Date of Report: 11.02.2025

TEST REPORT

Name of Client

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client Date of Sampling

Village: Debari, Udaipur-313024, Rajasthan 03.02.2025

Date of start of testing Date of end of testing

: 05.02.2025 : 11.02.2025

Details of Sample Sample submitted by

: Piezometer No. 8 Water : SCS Representative

Parameter	Results	Protocol
pH	7.72	APHA (24TH Edition) 4500 H
Iron as Fe	< 0.01 Mg / L	APHA (24TH Edition) 3111B
Cadmium as Cd	< 0.003 Mg / L	APHA (24TH Edition) 3111B
Lead as Pb	< 0.01 Mg / L	APHA (24TH Edition) 3111B
Zinc as Zn	0.10 Mg/L	APHA (24TH Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd.,

Dececee Dr. D. S. Parihar (Technical Manager)

JAIPUR Authorised Signatory

The results refer only to the tested sample and applicable parameters.

This report in full or in part, shall not be used for advertising or as evidence in any court of law.

This report cannot be reproduced without the written permission of the director.

The sample will be destroyed after 15 days from the date of issue of the test report.

The liability of the laboratory is limited to the invoiced amount.

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



Cample ID No. COGGSVICE	
Sample ID No.: SCS/W/20250201/57	Date of Registration: 01.02.2025
Report No. SCS/HZL/W/20250201/57	
	Date of Report: 11.02.2025

TEST REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling Date of start of testing

03.02.2025 05.02.2025

Date of end of testing Details of Sample

: 11.02.2025

Piezometer No. 9 Water Sample submitted by SCS Representative

Parameter	Results	Protocol
oH	7.54	APHA (24TH Edition) 4500 H
Iron as Fe		APHA (24TH Edition) 3111B
Cadmium as Cd		APHA (24TH Edition) 3111B
Lead as Pb	< 0.01 Mg/L	APHA (24TH Edition) 3111B
Zinc as Zn		APHA (24TH Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager)

JAIPUR Authorised Signatory

The results refer only to the tested sample and applicable parameters.

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The sample will be destroyed after 15 days from the date of issue of the test report.

The liability of the laboratory is limited to the invoiced amount.

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216



ISO-9901:2616 CERTIFIED LABORATORY ISO-14001:2615 CERTIFIED LABORATORY ISO-46001:2618 CERTIFIED LABORATORY

Sample ID No. CCCGWGoogges	
Sample ID No.: SCS/W/20250201/58	Date of Registration: 01.02.2025
Report No. SCS/HZL/W/20250201/58	
	Date of Report: 11.02.2025

TEST REPORT

Name of Client Address Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan

Date of Sampling Date of start of testing 03.02.2025

: 05.02.2025 Date of end of testing 11.02.2025 Details of Sample

Piezometer No. 10 Water Sample submitted by SCS Representative

Parameter	Results Protocol	
ρΗ	7.44 APHA (24TH Edition	1 4500 H
Iron as Fe	< 0.01 Mg / L APHA (24TH Edition	
Cadmium as Cd	< 0.003 Mg / L APHA (24TH Edition	13111B
Lead as Pb	< 0.01 Mg/L APHA (24TH Edition	3111B
Zinc as Zn	0.31 Mg/L APHA (24TH Edition	13111B

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**



The results refer only to the tested sample and applicable parameters.

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The sample will be destroyed after 15 days from the date of issue of the test report.

The liability of the laboratory is limited to the invoiced amount.

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

IBO-seetide is certified LABORATORY
IBO-14001:2015 CERTIFIED LABORATORY

Sample ID No.: SCS/AN/20241127/15	
Report No. SCS/HZL/AN/20241127/15	Date of Registration: 27.11.2024
Except 110. SCS/HZL/A14/20241127/15	
	Date of Report: 05.12.2024

AMBIENT NOISE MONITORING REPORT

Name of Client

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring
Date of start of testing
Date of end of testing

27.11.2024 27.11.2024

Date of staff of testing
Date of end of testing
Duration of sampling

28.11.2024 24 Hrs.

Type of Industry Name of Location

Non-Ferrous Metal IndustryNear Environment Lab Area

Parameter required

Ambient Noise

Results

Parameter	Result	s dB (A)
	Day Time	Night Time
<u>.eq</u>	59.4	52.1
Category of Zones	Leq in dB(A)	
	Day	Night
ndustrial	75	70
ommercial	65	55
Residential	55	45
Silence	50	43

- 1. Day time if from 6.00am to 10 pm
- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
- 4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) Authorised Signatory



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/AN/20241127/16	
Report No. SCS/HZL/AN/20241127/16	Date of Registration: 27.11.2024
	Date of Report: 05.12.2024

AMBIENT NOISE MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing

27.11.2024 27.11.2024

Date of end of testing Duration of sampling Type of Industry

28.11.2024 24 Hrs.

Name of Location Parameter required

Non-Ferrous Metal Industry : Near Railway Gate / SRP Area

: Ambient Noise

Results

Parameter	Results dB (A)	
.eq	Day Time	Night Time
	66.1	55.0
Category of Zones	Leq in dB(A)	
lustrial	Day	Night
nmercial	75	70
dential	65	55
ence	55	45
Day time if from 6.00am to 10 nm	50	40

me if from 6.00am to 10 pm 2. Night time if from 10.00 pm to 6 am

3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.

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Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager) Authorised Signatory

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All disputes are subjected to Jaipur jurisdiction.

JAIPUR

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Compile ID No. COCCATION AND ADDRESS	
Sample ID No.: SCS/AN/20241127/17	Date of Registration: 27.11.2024
Report No. SCS/HZL/AN/20241127/17	Date of Registration: 27.11.2024
20001110: SCS: M2E3AN/2024112//1/	Date of Report: 05.12.2024

AMBIENT NOISE MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing 27.11.2024

Date of end of testing

27.11.2024 28.11.2024

Duration of sampling

24 Hrs.

Type of Industry

Non-Ferrous Metal Industry

Name of Location Parameter required

Near ETP Area : Ambient Noise

Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	63.0	57.6
Category of Zones	Leq in dB(A) Day Night	
		Night
Industrial	75	70
Commercial	65	55
Residential	55	45
Silence	50	40

- 1. Day time if from 6.00am to 10 pm
- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
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Per pro SCS Enviro Services

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/AN/20241127/18	
Report No. SCS/HZL/AN/20241127/18	Date of Registration: 27.11.2024
	Date of Report: 05.12.2024
	Date of Report: 05.12.2024

AMBIENT NOISE MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing

27.11.2024 : 27.11.2024

Date of end of testing Duration of sampling

28.11,2024 24 Hrs.

Type of Industry Name of Location Parameter required

: Non-Ferrous Metal Industry Near DG room Area

Ambient Noise

Resulte

Parameter	Results dB (A)	
Leq	Day Time 62.5	Night Time
Category of Zones		dB(A)
Industrial	Day	Night
Commercial	75	70
Residential Silence	55	55
. Day time if from 6 (Oam to 10	50	40

1. Day time if from 6.00am to 10 pm

2. Night time if from 10.00 pm to 6 am

3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.

4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent

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JAIPUR

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/AN/20241127/19	
Report No. SCS/HZL/AN/20241127/19	Date of Registration: 27.11.2024
230pore 1:0. SCS/HZLI/AIN/20241127/19	
	Date of Report: 05.12.2024

AMBIENT NOISE MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing

27.11.2024 27.11.2024

Date of end of testing Duration of sampling

28.11.2024 24 Hrs.

Type of Industry Name of Location Parameter required

Non-Ferrous Metal Industry Near ZSD Main Gate Area

Ambient Noise

Results

Parameter	Result	s dB (A)
Leq	Day Time	Night Time
	68.0	61.2
Category of Zones	Legi	n dB(A)
-d2-1	Day	Night
ndustrial	75	70
Commercial	65	55
Residential Silence	55	45
Day time if from 6 00cm to 10 cm	50	40

- e if from 6.00am to 10 pm
- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
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Dr. D. S. Parihar

(Technical Manager) **Authorised Signatory**

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.; SCS/AN/20241127/20	
Report No. SCS/HZL/AN/20241127/20	Date of Registration: 27.11.2024
	Date of Report: 05.12.2024

AMBIENT NOISE MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing 27.11.2024

Date of end of testing

: 27.11.2024 28.11.2024

Duration of sampling Type of Industry

24 Hrs. Non-Ferrous Metal Industry

Name of Location Parameter required

Near ZE Area **Ambient Noise**

Results

Parameter Leq	Result	s dB (A)
	Day Time	Night Time
	71.6	64.7
ategory of Zones	Leq in dB(A)	
dustrial	Day	Night
nmercial	75	70
idential	65	55
ence	55	45
Day time if from 6.00am to 10	50	40

- rom 6.00am to 10 pm
- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
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Decer Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/AN/20241127/21 Report No. SCS/HZL/AN/20241127/21	Date of Registration: 27.11.2024
- Walliam	Date of Report: 05.12.2024

AMBIENT NOISE MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan

Date of start of testing

27.11.2024 27.11.2024

Date of end of testing Duration of sampling

28.11.2024 : 24 Hrs.

Type of Industry Name of Location

: Non-Ferrous Metal Industry : Near Weigh Bridge Area

Parameter required

Ambient Noise

Reculte

Parameter	Results	dB (A)
Leq	Day Time	Night Time
Category of Zones	67.2	55.7
B-3 or Control	Leq in dB(A)	
Industrial	Day	Night
Commercial	75	70
Residential	6.5	55
Silence	55	45
1. Day time if from 6.00am to 10 pm	50	40

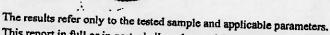
- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.

4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent

Per pro SCS Enviro Services Put

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

01:2015 CERTIFIED LABORATO 001:2016 CERTIFIED LABORATI 001:2016 CERTIFIED LABORATI

Sample ID No.: SCS/AN/20241127/22	
Report No. SCS/HZL/AN/20241127/22	Date of Registration: 27.11.2024
22.02.02.411.2.11.2.2	Date of D.
	Date of Report: 05.12,2024

AMBIENT NOISE MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan

Date of start of testing

27.11.2024 : 27.11.2024

Date of end of testing Duration of sampling

28.11.2024 24 Hrs.

Type of Industry Name of Location

Non-Ferrous Metal Industry Near MCTP Entrance Area

Parameter required

: Ambient Noise

Results

Parameter	Result	s dB (A)
Leq	Day Time 62.4	Night Time
Category of Zones	52.9 Leg in dB(A)	
Industrial	Day	Night
Commercial	75	70
Residential	65	55
Silence	55	45
1. Day time if from 6.00am to 10 pm	50	40

- ly time if from 6.00am to 10 pm
- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
- 4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent

Per pro SCS Enviro Services Pvi

Delever Dr. D. S. Parihar (Technical Manager) Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE. RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

O-0001;1015 CERTIFIED LABORATORY O-14001;2015 CERTIFIED LABORATORY O-45001;2018 CERTIFIED LABORATORY

Sample ID No.; SCS/AN/20241127/23	
Report No. SCS/HZL/AN/20241127/23	Date of Registration: 27.11.2024
	Date of Report: 05.12.2024

AMBIENT NOISE MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan 27.11.2024

Date of start of testing Date of end of testing

27.11.2024 28.11.2024 24 Hrs.

Duration of sampling Type of Industry

Non-Ferrous Metal Industry

Name of Location Parameter required

Near Roaster Area Ambient Noise

Results

Parameter	Result	s dB (A)
Leq	Day Time	Night Time
	67.7	63.5
ategory of Zones	Leg in dB(A)	
dustrial	Day	Night
mmercial	75	70
sidential	65	55
lence	55	45
Day time if from 6.00am to 10 nm	50	40

- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
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Per pro SCS Enviro Services Pvt. Ltd.,

Jeeceel Dr. D. S. Parihar (Technical Manager) Authorised Signatory



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

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Sample ID No.; SCS/AN/20241127/24	
Report No. SCS/HZL/AN/20241127/24	Date of Registration: 27.11.2024
ALTIEUZ4112/1/24	Deta SD
	Date of Report: 05.12.2024

AMBIENT NOISE MONITORING REPORT

Name of Client Address of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing Date of end of testing

27.11.2024 27.11.2024 28.11.2024

Duration of sampling Type of Industry Name of Location

24 Hrs. Non-Ferrous Metal Industry Near Workshop Area

Parameter required

Ambient Noise

Results

Parameter	Result	s dB (A)
eq	Day Time	Night Time
ategory of Zones	60.0	53.2
regary or Zones	Leg is	dB(A)
ustrial	Day	Night
mercial	75	70
lential	65	55
ce	55	45
Day time if from 6.00am to 10 pm	50	40

- ly time if from 6.00am to 10 pm
- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
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Jeleones Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**



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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

0-8961;2815 CERTIFIED LABORAT 0-44801;2815 CERTIFIED LABORA 0-48801;2818 CERTIFIED LABORA

Sample ID No.: SCS/AN/20241127/25 Report No. SCS/HZL/AN/20241127/25 Date	of Registration: 27.11.2024 Date of Report: 05.12.2024
	Date of Report: 05.12.2024

AMBIENT NOISE MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan

Date of start of testing

27.11.2024 27.11.2024 28.11.2024

Date of end of testing Duration of sampling Type of Industry

24 Hrs. Non-Ferrous Metal Industry

Name of Location Parameter required

: Near Solar Area Ambient Noise

Results

Parameter	Result	s dB (A)
ps.	Day Time	Night Time
Category of Zones	57.6	51.3
attegory of Zones	Legin	dB(A)
dustrial	Day	Night
ommercial	75	70
sidential	65	55
ence	55	45
Day time if from 6.00am to 10 pm	50	40

2. Night time if from 10.00 pm to 6 am

3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.

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Per pro SCS Enviro Services Pyt.

Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/AN/20241127/26
Report No. SCSMIZE
Report No. SCS/HZL/AN/20241127/26 Date of Registration: 27.11.2024
Date of Report: 05.12.2024
A Demonstrate of the Control of the

AMBIENT NOISE MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan 27.11.2024

Date of start of testing Date of end of testing

27.11.2024 28.11.2024

Duration of sampling Type of Industry

24 Hrs. Non-Ferrous Metal Industry

Name of Location Parameter required

Near Hospital Area Ambient Noise

Results

Parameter	Result	s dB (A)
Ategory of Zones	Day Time 53.7	Night Time
g	Leq in	dB(A)
trial	Day	Night
nercial	75	70
ntial	6.5	55
e	55	45
y time if from 6.00am to 10 pm	50	40

- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
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Per pro SCS Enviro Services Pyty Li

Deceret Dr. D. S. Parihar (Technical Manager)

Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/AN/20241127/27 Report No. SCS/IMAY	
Report No. SCS/HZL/AN/20241127/27	Date of Registration: 27.11.2024
	Date of Report: 05.12.2024
A RANGE OF THE STATE OF THE STA	

AMBIENT NOISE MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan 27.11.2024

Date of start of testing Date of end of testing

27.11.2024 28.11.2024

Duration of sampling Type of Industry

24 Hrs.

Name of Location Parameter required

Non-Ferrous Metal Industry Near STP Area

Ambient Noise

Reculte

Parameter	Result	s dB (A)
eq	Day Time	Night Time
Category of Zones	67.5	60.8
	Leq in dB(A)	
ndustrial	Day	Night
ommercial	75	70
esidential	65	55
ilence	33	45
Day time if from 6.00am to 10 pm	50	40

2. Night time if from 10.00 pm to 6 am 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.

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Per pro SCS Enviro Services Pyt. Date Deceey

Dr. D. S. Parihar (Technical Manager) Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

-0001;2015 GERTIFIED LABORAT -14001;2015 GERTIFIED LABORA -45001;2016 GERTIFIED LABORA

Sample ID No.: SCS/AN/20241127/28	T
Report No. SCS/HZL/AN/20241127/28	Date of Registration: 27.11.2024
	Date of Report: 05.12.2024

AMBIENT NOISE MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan 27.11.2024

Date of start of testing

27.11.2024 28.11.2024

Date of end of testing Duration of sampling Type of Industry

24 Hrs.

Name of Location Parameter required Non-Ferrous Metal Industry Near Store Ambient Noise

Results

Parameter	Result	dB (A)
eq	Day Time 57.2	Night Time
Category of Zones	Leg in dB(A)	
dustrial	Day	Night
ommercial	75	70
sidential	65	55
lence	35	45
Day time if from 6.00am to 10 pm	50	40

2. Night time if from 10.00 pm to 6 am

3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.

4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent

Per pro SCS Enviro Services Put

Dr. D. S. Parihar (Technical Manager) Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

ISO-8001:2016 CERTIFIED LABORATORY
ISO-14001:2016 CERTIFIED LABORATORY
ISO-18001:2016 CERTIFIED LABORATORY

Sample ID No.: SCS/AN/20241127/29 Report No. SCS/HZIJAN/20241127/29 Date of Registration: 27.11.202	4
Date of Report: 05.12.202	4

AMBIENT NOISE MONITORING REPORT

Name of Client

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client
Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan 27.11.2024

Date of start of testing Date of end of testing

27.11.2024 28.11.2024 24 Hrs.

Duration of sampling
Type of Industry

Non-Ferrous Metal Industry

Name of Location Parameter required

Near Leaching Area Ambient Noise

Results

Parameter	Results	dB (A)
.eq	Day Time	Night Time
ategory of Zones	71.9	68.5
	Leq in dB(A)	
ndustrial	Day	Night
mmercial	75	70
idential	65	56
ence	55	33
Day time if from 6.00am to 10 pm	50	43

- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
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Per pro SCS Enviro Services Emilia

Dr. D. S. Parihar (Technical Manager) Authorised Signatory

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SCS SCS ENVIRO SERVICES PRIVATE LIMITED 7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/AN/20250201/25	
Penari No. CCCRYCY 14 NY 000000	Date of Registration: 01.02.2025
Report No. SCS/HZL/AN/20250201/25	
	Date of Report: 11.02.2025

AMBIENT NOISE MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring

: 01.02.2025

Date of start of testing Date of end of testing

: 01.02.2025 02.02.2025

Duration of sampling Type of Industry

: 24 Hrs.

Name of Location

: Non-Ferrous Metal Industry : Near Environment Lab Area

Parameter required

Ambient Noise

Regulta

Parameter	Result	s dB (A)
	Day Time	Night Time
Leq	58.7	53.5
Category of Zones	Leq in dB(A)	
	Day	Night
industrial	75	70
Commercial	65	55
Residential	55	45
Silence	50	+3

- 1. Day time if from 6.00am to 10 pm
- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
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Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager)

Jeeens **Authorised Signatory**

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SCS SCS ENVIRO SERVICES PRIVATE LIMITED 7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/AN/20250201/26 Date of Registration: 01.02.2025 Report No. SCS/HZL/AN/20250201/26 Date of Report: 11.02.2025

AMBIENT NOISE MONITORING REPORT

Name of Client

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

: Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing

: 01.02.2025

Date of end of testing

: 01.02.2025 . : 02.02.2025

Duration of sampling Type of Industry

: 24 Hrs.

Name of Location

: Non-Ferrous Metal Industry : Near Railway Gate / SRP Area

Parameter required

: Ambient Noise

Results

Parameter	Results dB (A)	
Leq	Day Time	Night Time
	65.0	57.6
Category of Zones	Leq in dB(A)	
Industrial	Day	Night
	75	70
Commercial Residential	65	55
Silence	55	45
1. Day time if from 6.00am to 10 pm	50	40

- ime if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
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SCS SCS ENVIRO SERVICES PRIVATE LIMITED 7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/AN/20250201/27 Report No. SCS/HZL/AN/20250201/27 Date of Registration: 01.02.2025 Date of Report: 11.02.2025

AMBIENT NOISE MONITORING REPORT

Name of Client

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

: Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing

: 01.02.2025

Date of end of testing

: 01.02.2025 : 02.02.2025

Duration of sampling Type of Industry

: 24 Hrs.

Name of Location

: Non-Ferrous Metal Industry

Parameter required

: Near ETP Area : Ambient Noise

Dagustes

Parameter Leq	Results dB (A)	
	Day Time	Night Time
	60.5	56.9
Category of Zones	Leg in	dB(A)
Industrial	Day	Night
	75	70
Commercial Residential	65	55
Silence	55	45
Day time if from 6.00am to 10 pm	50	40

- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/AN/20250201/28	
Report No. SCS/HZL/AN/20250201/28	Date of Registration: 01.02.2025
71 720230201/20	Date of Report: 11.02.2025

AMBIENT NOISE MONITORING REPORT

Name of Client

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing

01.02.2025

Date of end of testing

: 01.02.2025 : 02.02,2025

Duration of sampling Type of Industry

: 24 Hrs.

Name of Location Parameter required : Non-Ferrous Metal Industry : Near DG room Area

Ambient Noise

Results

Parameter	Results dB (A)	
Inc	Day Time	Night Time
Leq	60.7	52.2
Category of Zones	Leq in	dB(A)
Y	Day	Night
Industrial	75	1.05.1

Category of Zones	Leq in dB(A)	
Y - 4 1	Day	Night
Industrial	75	70
Commercial	65	55
Residential	55	45
Silence	50	40
1. Day time if from 6.00am to 10 pm		70

- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

ISO-9001:2016 CERTIFIED LABORATORY ISO-14001:2016 CERTIFIED LABORATORY ISO-45041:2016 CERTIFIED LABORATORY

Sample ID No. COULT Manager to	
Sample ID No.: SCS/AN/20250201/29	Date of Registration: 01.02.2025
Report No. SCS/HZL/AN/20250201/29	
	Date of Report: 11.02.2025

AMBIENT NOISE MONITORING REPORT

Name of Client

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing

01.02.2025 : 01.02.2025

Date of end of testing Duration of sampling

: 02.02.2025 : 24 Hrs.

Type of Industry Name of Location : Non-Ferrous Metal Industry : Near ZSD Main Gate Area

Parameter required

: Ambient Noise

Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	66.7	62.4
Category of Zones	Leq in	ı dB(A)
	Day	Night
ndustrial	75	70
Commercial	65	55
Residential	55	45
Silence 1. Day time if from 6.00am to 10 pm	50	40

- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
- 4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent

Per pro SCS Enviro Services Pvt. Ltd.,

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/AN/20250201/30		
Report No. SCS/HZL/AN/20250201/30	Date of Registration: 01.02.2025	
A14/20250201/30	Date of Report: 11.02.2025	

AMBIENT NOISE MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring

01.02.2025

Date of start of testing

01.02.2025

Date of end of testing Duration of sampling

02.02.2025

Type of Industry

: 24 Hrs.

Name of Location

: Non-Ferrous Metal Industry

Parameter required

Near ZE Area Ambient Noise

Parameter	Results dB (A)	
	Day Time	Night Time
eq	72.5	65.0
Category of Zones	Leg in	dB(A)
F_ 1	Day	Night
Industrial	75	70
Commercial	65	55
Residential	55	45
Silence 1. Day time if from 6.00am to 10 pm	50	40

- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
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ISO-0001/2015 CERTIFIED LABORA ISO-14001:2015 CERTIFIED LABORA ISO-48001:2015 GERTIFIED LABORA

Sample ID No.: SCS/AN/20250201/31	T
Report No. SCS/HZL/AN/20250201/31	Date of Registration: 01.02.2025
	Date of Report: 11.02.2025

AMBIENT NOISE MONITORING REPORT

Name of Client

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing 01.02.2025

Date of end of testing

: 01.02.2025 : 02.02.2025

Duration of sampling Type of Industry

: 24 Hrs. : Non-Ferrous Metal Industry

Name of Location Parameter required

Near Weigh Bridge Area : Ambient Noise

Results

Parameter	Results dB (A)	
Leq	Day Time	Night Time
	64.4	57.5
Category of Zones	Legin	dB(A)
dustrial	Day	Night
ommercial	75	70
esidential	65	55
ilence	55	45
Day time if from 6.00am to 10 pm	50	40

- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
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D000000 Dr. D. S. Parihar

(Technical Manager) Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/AN/20250201/32	
Report No. SCS/HZL/AN/20250201/32	Date of Registration: 01.02.2025
	Date of Report: 11.02.2025

Ambient noise monitoring report

Name of Client

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring Village: Debari, Udaipur-313024, Rajasthan

Date of start of testing

01.02.2025

Date of end of testing

01.02.2025 : 02.02.2025

Duration of sampling Type of Industry

: 24 Hrs. : Non-Ferrous Metal Industry

Name of Location Parameter required

Near MCTP Entrance Area : Ambient Noise

Results

Parameter	Result:	dB (A)
eq	Day Time	Night Time
	64.0	55.0
Category of Zones	Leg in	dB(A)
ndustrial	Day	Night
ommercial	75	70
esidential	65	55
lence	55	45
Day time if from 6.00am to 10 nm	50	40

- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/AN/20250201/33	
Report No. SCS/HZL/AN/20250201/33	Date of Registration: 01.02.2025
	Date of Report: 11.02.2025

AMBIENT NOISE MONITORING REPORT

Name of Client

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing

: 01.02,2025 : 01.02.2025

Date of end of testing

: 02.02,2025

Duration of sampling

24 Hrs.

Type of Industry

Non-Ferrous Metal Industry

Name of Location Parameter required

: Near Roaster Area : Ambient Noise

Results

Parameter	Result	s dB (A)
Leq	Day Time	Night Time
	69.6	65.7
Category of Zones	Leg in	dB(A)
ndustrial	Day	Night
Commercial	75	70
esidential	65	55
Silence	55	45
. Day time if from 6.00am to 10 pm	50	40

- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

ISO-1001:2815 CERTIFIED LABORATORI ISO-14001:2815 CERTIFIED LABORATOR ISO-45901:2010 CERTIFIED LABORATOR

Sample ID No.: SCS/AN/20250201/34	
Report No. SCS/HZL/AN/20250201/34	Date of Registration: 01.02.2025
120230201/34	Date of Report: 11.02.2025

AMBIENT NOISE MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing

: 01.02,2025 : 01.02.2025

Date of end of testing Duration of sampling

: 02.02.2025 24 Hrs.

Type of Industry Name of Location Parameter required

Non-Ferrous Metal Industry : Near Workshop Area

: Ambient Noise

Results

Results dB (A)	
Day Time	Night Time
62.3	50.1
Leg is	dB(A)
Day	Night
75	70
65	55
55	33
50	45
	Day Time 62.3 Leq is Day 75 65 55

- om 6.00am to 10 pm
- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
- 4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent

Per pro SCS Enviro Services Pvt. Ltd.,

Seeens Dr. D. S. Parihar (Technical Manager)

Authorised Signatory

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- All disputes are subjected to Jaipur jurisdiction.

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

Sample ID No.: SCS/AN/20250201/35	
Report No. SCS/HZL/AN/20250201/35	Date of Registration: 01.02.2025
	Date of Report: 11.02.2025

AMBIENT NOISE MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan

Date of start of testing

: 01.02.2025

Date of end of testing

: 01.02.2025 : 02.02.2025 24 Hrs.

Duration of sampling Type of Industry

Non-Ferrous Metal Industry

Name of Location Parameter required

: Near Solar Area

Results

: Ambient Noise

Parameter	Results	dB (A)
eq	Day Time 55.2	Night Time
ategory of Zones	Leg in	dB(A)
lustrial	Day	Night
mmercial	75	70
dential	65	55
ence	55	45
Day time if from 6.00am to 10 pm	50	40

- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
- 4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent

Per pro SCS Enviro Services Pvt. Ltd.,

Jeeleer Dr. D. S. Parihar (Technical Manager) **Authorised Signatory**

- The results refer only to the tested sample and applicable parameters.
- This report in full or in part, shall not be used for advertising or as evidence in any court of law.
- This report cannot be reproduced without the written permission of the director.
- The sample will be destroyed after 15 days from the date of issue of the test report.
- The liability of the laboratory is limited to the invoiced amount.
- All disputes are subjected to Jaipur jurisdiction.

7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

180-14991:2015 CERTIFIED LABORATORY 180-14991:2015 CERTIFIED LABORATORY 180-45001:2016 CERTIFIED LABORATORY

Sample ID No.: SCS/AN/20250201/36	
Report No. SCS/HZL/AN/20250201/36	Date of Registration: 01.02.2025
	Date of Report: 11.02.2025

AMBIENT NOISE MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan

Date of start of testing

01.02.2025 : 01.02.2025

Date of end of testing Duration of sampling

: 02.02.2025 : 24 Hrs.

Type of Industry Name of Location

: Non-Ferrous Metal Industry

Parameter required

: Near Hospital Area

: Ambient Noise

Results

Parameter	Result	s dB (A)
Leq	Day Time	Night Time
	55.0	44.6
Category of Zones	Leg in	dB(A)
Industrial	Day	Night
Commercial	75	70
Residential	65	55
Silence	55	45
1. Day time if from 6.00am to 10 pm	50	40

- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
- 4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

ISO-4001:3016 GERTIFIED LABORATO ISO-14901:2015 CERTIFIED LABORATI ISO-45001:2016 CERTIFIED LABORAT

40

Sample ID No.: SCS/AN/20250201/37	
Report No. SCS/HZL/AN/20250201/37	Date of Registration: 01.02.2025
	Date of Report: 11.02.2025

AMBIENT NOISE MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan

Date of start of testing

01.02.2025 : 01.02.2025

Date of end of testing

: 02.02.2025

Duration of sampling Type of Industry

: 24 Hrs. Non-Ferrous Metal Industry

Name of Location Parameter required : Near STP Area

Results

Ambient Noise

Industrial Day Commercial 75	Night Tim 63.0
Category of Zones Leq in dB(Industrial Commercial 75	
Industrial Day Commercial 75	
Industrial Day Commercial 75	
Commercial 75	Night
	70
Residential 65	55
Silence 55	

50

1. Day time if from 6.00am to 10 pm

2. Night time if from 10.00 pm to 6 am

3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.

4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar (Technical Manager)

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180-4681;2616 CERTIFIED LABORATI 180-14881;2816 CERTIFIED LABORAT 180-46681;2818 CERTIFIED LABORAT

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Sample ID No. SCS/AN/20250000	
Sample ID No.: SCS/AN/20250201/38	
Report No. SCS/HZT /AN/20250001/0	Date of Daniel
Report No. SCS/HZL/AN/20250201/38	Date of Registration; 01.02.2025
	Detail of the second of the se
	Date of Report: 11.02.2025
	11.02.2023

AMBIENT NOISE MONITORING REPORT

Name of Client

M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client Date of Monitoring

Village: Debari, Udaipur-313024, Rajasthan

Date of start of testing Date of end of testing

01.02.2025 : 01.02.2025 : 02.02.2025

Duration of sampling Type of Industry

24 Hrs. : Non-Ferrous Metal Industry

Name of Location Parameter required

: Near Store : Ambient Noise

Parameter Leq Category of Zones	Results dB (A)	
	Day Time 59.6	Night Time 48.4
Lategory of Zones	Leq in dB(A)	
ndustrial	Day	Night
ommercial	75	70
esidential	65	55
ilence	55	45
. Day time if from 6.00am to 10 pm	50	40

- 2. Night time if from 10.00 pm to 6 am
- 3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
- 4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority

Per pro SCS Enviro Services Pvt. Ltd.,

Scoler Dr. D. S. Parihar (Technical Manager) Authorised Signatory

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7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE, RAMNAGARIYA ROAD, JAGATPURA, JAIPUR-302017, RAJASTHAN (INDIA) CIN NO.: U74140RJ2013PTC042216

ISO-0001:2013 CERTIFIED LABORATORY ISO-14001:2015 CERTIFIED LABORATORY ISO-15001:2015 CERTIFIED LABORATORY

Sample ID No.: SCS/AN/20250201/39	
Report No. SCS/HZL/AN/20250201/39	Date of Registration: 01.02.2025
1202020201139	
	Date of Report: 11.02.2025

AMBIENT NOISE MONITORING REPORT

Name of Client

: M/s. Hindustan Zinc Limited, Zinc Smelter, Debari

Address of Client

Village: Debari, Udaipur-313024, Rajasthan

Date of Monitoring Date of start of testing

01.02.2025 01.02.2025

Date of end of testing Duration of sampling

: 02.02.2025

Type of Industry

: 24 Hrs. : Non-Ferrous Metal Industry

Name of Location Parameter required

: Near Leaching Area

Ambient Noise

Parameter Leq	Results dB (A)	
	Day Time	Night Time
	72.5	69.2
Category of Zones	Leq in dB(A)	
Industrial	Day	Night
Commercial	75	70
Residential	65	55
Silence	55	45
1. Day time if from 6.00am to 10 pm	50	40

2. Night time if from 10.00 pm to 6 am

3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.

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Joeceel Dr. D. S. Parihar

(Technical Manager) **Authorised Signatory**

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