

DZS/ENV/A-20/Env.Statement /2024-25/ 421

22/09/2025

To,
The Member Secretary
Rajasthan State Pollution Control Board,
4, Institutional Area, Jhalana Doongri,
Jaipur (Raj.) -302004

**Sub.: Submission of Environment Statement for Zinc Smelter, Debari
FTY 2024-25.**

- Ref.:**
1. DZS file no.: Consents: M-23/CPM and Consent to Operate of Zinc Smelter Debari : F(HDF)/Udaipur (Girwa)/1328(1)/2022-2023/7460-7462 dated 17/03/2023
 2. DZS File No.: Moore Cake-M-24/CPM, Consent to Operate: F(HDF)/Udaipur (Girwa)/1330(1)/2023-2024/4374-4376 dated: 09.10.2023
 3. DZS File No.: CPP-DG Set: P-81/CPM, Consent to Operate: F(HDF)/Udaipur (Girwa)/1338(1)/2023-2024/6961-6963 dated: 07/02/2024
 4. DZS File No.: Central Hospital, Debari Consent to Operate: F(BMW)/Udaipur (Girwa)/7008(1)/2021-2022/1340-1341 dated 21/01/2022
 5. DZS File No.: Zinc Smelter Debari Colony Consent to Operate: F(CPM)/Udaipur(Girwa)/F(HDF)/Udaipur(Girwa)/1341(1)/2024-2025/1340-1342

Dear Sir,

Please find herewith the enclosed Environment Statement for our Zinc Smelter, Debari, Stockpiled Moore Cake Treatment Plant, Central Hospital - HZL plant, DG Set (2x7.4MW), Zinc Smelter Debari Colony for the year 2024-25 in compliance to the notification issued by Ministry of Environment and Forest, New Delhi.

The statement is in accordance to the standard format Part A to Part I.

Kindly acknowledge receipt of the statement.

Thanking you,

Yours faithfully


Vivek Yadav
(SBU Director-Zinc Smelter Debari)

o/c

CC to:

1. Regional Officer
Rajasthan State Pollution Control Board,
F-470, Near UCCI Building,
Madri Industrial Area
Udaipur-313001 (Rajasthan)
2. The Deputy Director (S)/Scientist-C
Ministry of Environment Forest & Climate Change,
Integrated Regional Office, A-209&218, Aranya Bhavan
Jhalana Institutional Area, Jaipur-302004

Environment Statement For The Year 2024-25

FORM-V

PART- "A"

1.	<p>a) Name and address of the owner/occupier of the industry, Operation or Process.</p> <p>b) In charge operation</p>	<p>Shri Arun Misra Chief Executive Officer, Hindustan Zinc Limited., Yashad Bhawan, Udaipur, Rajasthan - 313001</p> <p>Shri Vivek Yadav (SBU Director) Zinc Smelter, Debari 313024, Dits : Udaipur. Rajasthan - 313024</p>																		
2.	<p>c) Operation</p> <p>Industry Category Primary (STC CODE) Secondary (STC CODE)</p>	<p>Zinc Smelting, Power Generation & Stockpiled Moore Cake Treatment Plant</p> <p>RED LARGE</p>																		
3.	<p>Production Capacity</p>	<p>1. For the Zinc Smelter, Debari</p> <table style="width: 100%; border: none;"> <tr><td>A. Zinc Metal</td><td>100,000 TPA</td></tr> <tr><td>B. Calcine</td><td>445,000 MTPA</td></tr> <tr><td>C. Solar Power Plant</td><td>12.50 MW</td></tr> <tr><td>D. Calomel</td><td>15 MTPA</td></tr> <tr><td>E. Sodium Chloride</td><td>2,000 MTPA</td></tr> <tr><td>F. Sodium Sulphate</td><td>16,500 MTPA</td></tr> <tr><td>G. Cadmium</td><td>320 MTPA</td></tr> <tr><td>H. Sulphuric Acid</td><td>419,000 TPA</td></tr> <tr><td>I. Power Generation From Waste Heat recovery</td><td>8 MW</td></tr> </table> <p>2. For the Captive Power Plant Power generation 14.80 MW (2 x7.4 MW) (Captive Power Plant)</p> <p>3. For the Stockpiled Moore Cake Treatment Plant Raw Zinc Oxide Powder 50.00 MT/DAY</p>	A. Zinc Metal	100,000 TPA	B. Calcine	445,000 MTPA	C. Solar Power Plant	12.50 MW	D. Calomel	15 MTPA	E. Sodium Chloride	2,000 MTPA	F. Sodium Sulphate	16,500 MTPA	G. Cadmium	320 MTPA	H. Sulphuric Acid	419,000 TPA	I. Power Generation From Waste Heat recovery	8 MW
A. Zinc Metal	100,000 TPA																			
B. Calcine	445,000 MTPA																			
C. Solar Power Plant	12.50 MW																			
D. Calomel	15 MTPA																			
E. Sodium Chloride	2,000 MTPA																			
F. Sodium Sulphate	16,500 MTPA																			
G. Cadmium	320 MTPA																			
H. Sulphuric Acid	419,000 TPA																			
I. Power Generation From Waste Heat recovery	8 MW																			

4.	Year of Establishment	<ul style="list-style-type: none"> • Zinc Smelter Debari : 1968 • DG Sets : 2003 • MCTP (Moore Cake Tratement Plant (MCTP): 2004 • Solar plant : 2017
5.	Date of last Environmental Statement submitted.	25/09/2024

PART "B"

Water and Raw Material Consumption

(I) Water consumption on M³/Day

	(M ³ /Day)
Industrial use	3038.79 M ³ /Day
Domestic	1117.41 M ³ /Day

Name of Product	Water Consumption per unit of products	
	During the previous financial year (2023-24)	During the current financial year (2024-25)
Zinc Ingot* (Including Sulphuric Acid, power generation through WHRB, DG power, RZO)	12.13 m3/MT	13.11 m3/MT

***Operation of SAP- I have been suspended since November 2013 and same has been dismantled.**

(II) Raw Material Consumption

Name of raw material	Name of Product	Consumption of raw material / unit of output	
		During the previous financial year (2023-24)	During the current financial year (2024-25)
1. Zinc Concentrate	Zinc-Ingot	2.05 MT	2.16 MT
2. Zinc Concentrate	Calcine	1.12 MT	1.12 MT
3. Moore Cake	Raw Zinc oxide	3.94 MT	3.45MT

PART "C"

Pollution Generated
(Parameters as specified in the consent issued)

Pollutants	Quantity of pollution generated	Concentration of pollutant in discharge (Mass/Volume)	Percentage of variation from prescribed standards with reasons
(a) Water	Zero Liquid discharge is maintained. Report of ETP & STP is attached as Annexure I, II A & II B (No Variation-Under Norms)		
(b) Air	Report of AAQM, Sulphuric Acid Plant II & III reports enclosed, for Captive power plant enclosed and for Stockpiled Moore Cake Treatment Plant are attached as Annexure III & Annexure IV		

PART "D"
Hazardous Wastes

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

Hazardous Waste	Total Quantity (MT)	
	During the previous financial year (2023-24)	During the current financial year (2024-25)
a) From Process b) From pollution control facilities	Pl. see Annexure-V A	Pl. see Annexure-V B

PART "E": Solid Wastes

Solid Wastes	Total Quantity (MT)	
	During Previous Financial year (2023-24)	During the current financial year(2024-25)
a) From process:		
b) From pollution control facilities		
Slag:		
1) Slag from Moore Cake Treatment Plant	32205 0	39470 0
2) Quantity recycled or reutilized		

PART "F"

(Please specify the characteristics (in terms of concentration and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of waste.)

• **Hazardous Waste: -**

S. No.	Name of Waste	Chemical Characteristics	Category		Disposal Practice
1	Discarded asbestos	-	I	15.2	CTDF Udaipur
2	Spent Catalyst	V2O5- 3-4%	I	17.2	CTDF Udaipur
3.	Empty barrels/ containers/ liners contaminated with hazardous chemicals/ wastes	-	I	33.1	CTDF Udaipur
4.	Sludge from treatment of wastewater arising out of cleaning/ disposal of barrels / containers	-	I	34.2	CTDF Udaipur
5.	Water Purification resin or spent ion exchange resin containing toxic metals	-	I	35.2	CTDF Udaipur
6	Chemical sludge from wastewater treatment	Zn 3.0 – 4.0 %	I	35.3	CTDF Udaipur
7.	Concentration or evaporation Residues	-	I	37.3	CTDF Udaipur
8.	Used / Spent Oil	-	I	5.1	Sale to Registered Recycler

9	Filter contaminated with oil	-	I	5.2	CTDF Udaipur/ co-processing in cement Plant
10	Waste or residue containing Oil		I	5.2	Sales to Registered Recycler
11.	Anod Mud	Cd 0.003 – 0.004 % Cu 0.008 – 0.009 % Pb 8.0 – 12.0% Zn 0.5 – 1.0 %	I	7.2	Co processing in cement plant /Registered recycler/Reprocess
12.	Cooler Cake	Cd 0.003-0.004 % Cu 0.003-0.004 % Zn 3.0 – 4.0 %	I	7.2	CTDF Udaipur
13.	Purification Cake	Z 25-30% Cd 2.92-7.00% Cu 1.27-2.48%	I	7.2	Reuse in process/Sales to registered recyclers
14.	Process residues	-	I	7.2	CTDF Udaipur
15.	Process residues	-	I	7.2	Sales to Registered Recycler/CTDF Udaipur
16.	Zinc ash/skimming/other zinc bearing wastes arising from smelting and refining, zinc dross bottom	-	IV	14	Sales to Registered Recycler/Reprocess
17	Jarosite cake	Cd 0.030 - 0.040% Pb 4.000- 4.500% Zn 2.000- 2.500%	III	OW	Co processing in cement Plant

PART “G”

Impact of the Pollution control measures on conservation of natural resources and consequently on the cost of production.

1. Water Conservation:

Effluent Treatment Plant of 5760 KLD capacity is installed to treat the effluent generated from the process. Additionally, RO-ZLD plant with MVR system (3000 KLD Capacity) is also installed to ensure effective treatment and Zero Liquid Discharge (ZLD) a to improve quality and quantity of treated water and its recycling in process. All treated water is being used in process. MVR system in RO ZLD plant also ensures effective and mechanized evaporation and treatment of Reject generated from treatment process.



Effluent treatment plant (ETP)



Sewage treatment plant (STP)



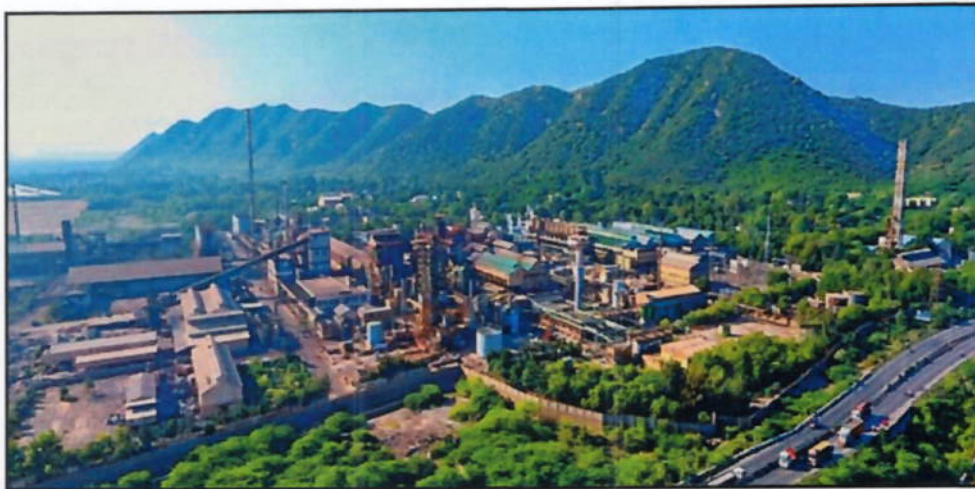
RO-ZLD plant

- Sewage treatment Plant with the capacity of 200 KLD inside the plant & 600 KLD inside the colony is installed to treat the domestic sewage of plant & colony. Treated water is being used in horticulture and plantation areas.
- Flow meters Installed for measuring recycled / reuse of treated water.
- Installation of rainwater harvesting system at Laboratory, Guest house building, Admin and Colony.
- Preventive maintenance of all recycle/ fresh water pipelines is being ensured to prevent losses due to spillage and leakages.
- Drip irrigation is provided for plantation area.
- Treated water from CSTP- Udaipur City is main source of water for process.

- Fresh water is being used for Domestic purpose only.
- No Ground water is used in operation.

2. To Maintain Ecological Balance:

- About 76.28-hectare area in and around the plant area is covered under green belt out of 190.05 hectare including lawns, plantation of local species has been ensured.
- 16200nos plantations has been done in ZSD Colony in FY 24-25 to increase our green belt area.
- Regular maintenance with a dedicated team and other resources is being done for existing plant, parks and green belt cover in factory area is carried out.
- Biodiversity study of Flora, Fauna & butterfly for Zinc Smelter, Debari within 10 Km radius have been completed by the expert.
- Preservation of trees and shrubs for providing better niche for the animals.
- Installation of artificial nesting of Birds to promote Biodiversity conservation.
- Engaging the IUCN to Enhancement and protection of biodiversity by impactful assessment of ZSD.
- Visual display for awareness indicating conservation of wild fauna & flora.



Plantation view around the plant area



Avenue Plantation



20000 Plantation in ZSD Colony



16200 Plantation in ZSD colony

3. Air Quality Management:

- Reduction of the generation of fugitive dust by regular sprinkling of water and by using of heavy duty vacuum cleaner.
- Avenue plantation has been ensured to reduce dust emission due to vehicular movement
- Online analysers for SO₂, NO_x, SPM and O₂ emission are installed and connected to PCB server. All PCEs are interlocked.
- All PCM's like Cyclone, scrubber, wet ESP, absorption tower, demister etc. have been installed in all acid plant.
- Bag filters and fume extractors are provided and are being operated efficiently in Zinc Melting, casting unit, Calcine handling system and Moore cake treatment plant.
- All Raw Material, Chemical and Consumables ,By products, Products and waste is being stored in Closed Shed to avoid contamination with air , water and soil.
- In process material being transferred in closed conveyors.
- 4 no's of CAAQMS are installed to monitored Ambient Quality Monitoring.



Water spray tanker on Road



Vacuum Road Sweeper



Online Analyzer - CEMS



CAAQMS

PART “H”

Additional investment proposal for environmental protection including abatement of pollution

- The environmental expenditure for the year was 1399.58 Lacs including new plantation and maintenance of existing plantation inside the factory.
- Real time online analyzer for Air & Water quality monitoring installed at Stack, ETP & STP.
- Dispatch of Jarosite to cement industries.

PART “I”

Any other particulars in respect of environment protection and abatement of pollution

- 100 % of Jarosite generated from process is being sent for co-processing in cement industries Gainful utilization of 78579.41MT.
- Capping of Jarosite Pond, I and II has been done as per the prevailing standards. The current 3rd Jarosite Pond Jarosite Pond Secure Landfill is planned to be capped.
- Regular training for safe handling is being given for persons involved for handling & storage of hazardous waste.
- Disposal of Cooler cake, liners, container, spent catalyst, ETP cake to Common HWTSDF at Gudli.
- Waste oil/used oil sold to registered recyclers.
- Lead Acid Batteries sold to registered recyclers.
- Recycling of Anode mud in Leaching resulting into resource conservation.
- 1031.24 MT Sodium Sulphate generated from RO-ZLD unit out of which 1031.24MT has been used in our process.
- ESG committee has been established at site to have an integrated approach towards sustainability & help to achieve HZL sustainability goals 2030.
- Awareness program conducted for employees and their families on the occasion of Water Day, Biodiversity day, Energy day, Earth day & World Environment Day.
- Rajasthan State Pollution Control Board (RSPCB) along with Confederation of Indian Industry (CII) has awarded ZSD with **GreenCo Silver rating valid up to 2025.**



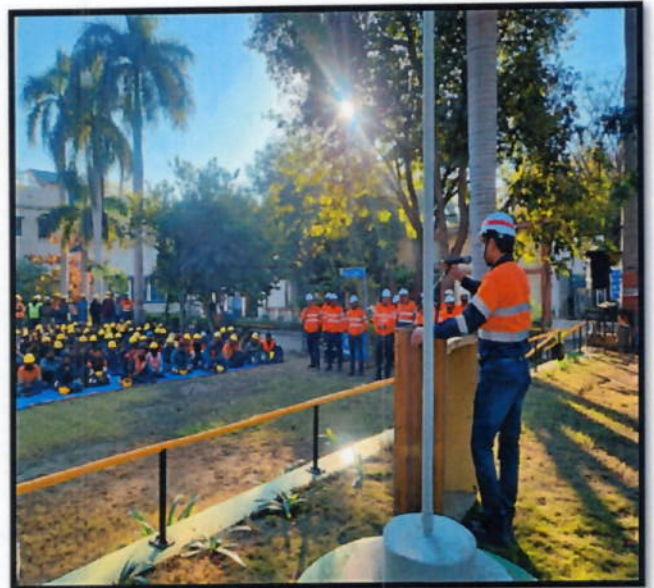
Awareness session & Poster making competition at summer camp in nearby school



Awareness Program for Communities



Awareness Programs for Employees and Business partner



Awareness Programs for Employees and Business partner



Green Co Silver Rating 2022-25

List of Annexure: -

- Annexure I- ETP Outlet Report FTY 2024-25
- Annexure II A- Plant STP Outlet Report FTY 2024-25
- Annexure II B- Colony STP Outlet Report FTY 2024-25
- Annexure III- Ambient Air Quality Monitoring Report FTY 2024-25
- Annexure IV- Stack Emission Report FTY 2024-25
- Annexure V A- Form No. 4 FTY 23-24
- Annexure V B-Form No. 4 FTY 24-25
- Annexure VI- Piezometer Report FTY 2024-25
- Annexure VII- Ambient Noise Monitoring Report FTY 2024-25.

ETP OUTLET WATER (April 24 -Dec 24)

Parameter	TSS (Mg/L)	BOD (Mg/L)	Chloride as Cl (Mg/L)	COD (Mg/L)	Cyanide as CN (Mg/L)	Fluoride as F (Mg/L)	PH	Sulphide as S (Mg/L)	Cadmium as Cd (Mg/L)	Copper as Cu (Mg/L)	Mercury as Hg (Mg/L)	Iron as Fe (Mg/L)	Lead as Pb (Mg/L)	Nickel as Ni (Mg/L)	Zinc as Zn (Mg/L)	Oil and Grease (Mg/L)	Sample date	Report Reference number
Limit	100	30	1000	250	0.2	2	5.5-9.0	2	2	3	0.01	1	0.1	3	5	10		
April'2024	11	10	257.9	120	<0.02	0.53	8.38	<0.5	<0.01	<0.01	<0.001	0.12	<0.01	<0.01	0.13	<5	20/04/2024	SCS/HZLW/20240419/38
May '2024	11	15	237.9	109	<0.02	0.82	8.64	<0.5	<0.01	<0.01	<0.001	0.1	<0.01	<0.01	0.1	<5	24/05/2024	SCS/HZLW/20240523/14
June'2024	<5	12	219.9	80	<0.02	0.75	8.15	<0.5	<0.01	<0.01	<0.001	0.06	<0.01	<0.01	0.1	<5	22/06/2024	SCS/HZLW/20240622/37
July'2024	<5	15	239.9	120	<0.02	0.92	7.89	<0.5	<0.01	<0.01	<0.001	0.08	<0.01	<0.01	0.1	<5	31/07/2024	SCS/HZLW/20240730/17
August'2024	32	9	279.9	80	<0.02	0.78	7.75	<0.5	<0.01	<0.01	<0.001	0.15	<0.01	<0.01	0.16	<5	31/08/2024	SCS/HZLW/20240830/32
September'2024	8	17	219.9	140	<0.02	0.55	8.68	<0.5	<0.01	<0.01	<0.001	0.1	<0.01	<0.01	0.29	<5	18/09/2024	SCS/HZLW/20240917/21
October'2024	14	19	183.9	160	<0.02	0.6	8.8	<0.5	<0.01	<0.01	<0.001	0.08	<0.01	<0.01	0.36	<5	09/10/2024	SCS/HZLW/20241008/44
November'2024	31	12	219.9	100	<0.02	0.61	8.05	<0.5	<0.01	<0.01	<0.001	0.1	<0.01	<0.01	0.1	<5	28/11/2024	SCS/HZLW/20241127/32
December'2024	6	13	183.9	100	<0.02	0.63	7.74	<0.5	<0.01	<0.01	<0.001	0.05	<0.01	<0.01	0.2	<5	18/12/2024	SCS/HZLW/20241217/25

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

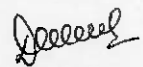
Sample ID No.: SCS/W/20250115/25	Date of Registration: 15.01.2025
Report No. SCS/HZL/W/20250115/25(1/2)	Date of Report: 25.01.2025

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 (24 TH Edition) 2540D
pH value	8.91	5.5 to 9.0	APHA (24 TH Edition) 4500-H
BOD ₅ Days at 27°C	22 Mg/L	30 Mg/L	IS 3025 (Part 44)
Chemical Oxygen Demand	200 Mg/L	250 Mg/L	APHA (24 TH Edition) 5220B
Oil & Grease	< 5.0 Mg/L	10 Mg/L	APHA (24 TH 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 (24 TH Edition) 3111B
Nickel (as Ni)	< 0.01 Mg/L	3 Mg/L	APHA (24 TH 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	APHA (24 TH Edition) 4500CN.C&E
Mercury (as Hg)	< 0.001 Mg/L	0.01 Mg/L	APHA (24 TH 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 (24 TH Edition) 4500F D

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 subjected to Jaipur jurisdiction.

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-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

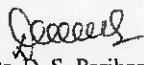
Sample ID No.: SCS/W/20250115/25	Date of Registration: 15.01.2025
Report No. SCS/HZL/W/20250115/25(2/2)	Date of Report: 25.01.2025

TEST REPORT

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
Lead (as Pb)	< 0.01 Mg/L	0.1 Mg/L	APHA (24 TH 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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

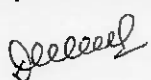
Sample ID No.: SCS/W/20250201/48	Date of Registration: 01.02.2025
Report No. SCS/HZL/W/20250201/48(1/2)	Date of Report: 11.02.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Sampling : 03.02.2025
Date of start of testing : 05.02.2025
Date of end of testing : 11.02.2025
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	27 Mg/L	100 Mg/L	APHA (24 TH Edition) 2540D
pH value	8.49	5.5 to 9.0	APHA (24 TH Edition) 4500-H
BOD ₃ Days at 27°C	10 Mg/L	30 Mg/L	IS 3025 (Part 44)
Chemical Oxygen Demand	60 Mg/L	250 Mg/L	APHA (24 TH Edition) 5220B
Oil & Grease	< 5.0 Mg/L	10 Mg/L	APHA (24 TH 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)	0.06 Mg/L	5.0 Mg/L	APHA (24 TH Edition) 3111B
Nickel (as Ni)	< 0.01 Mg/L	3 Mg/L	APHA (24 TH 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	APHA (24 TH Edition) 4500CN C&E
Mercury (as Hg)	< 0.001 Mg/L	0.01 Mg/L	APHA (24 TH Edition) 3112B
Chloride as Cl	189.9 Mg/L	-	APHA (24 TH Edition) 4500 Cl- B
Iron (as Fe)	0.08 Mg/L	3 Mg/L	APHA (24 TH Edition) 3111B
Fluoride (as F)	0.67 Mg/L	2 Mg/L	APHA (24 TH Edition) 4500F D

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 subjected to Jaipur jurisdiction.

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-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

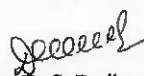
Sample ID No.: SCS/W/20250201/48	Date of Registration: 01.02.2025
Report No. SCS/HZL/W/20250201/48(2/2)	Date of Report: 11.02.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Sampling : 03.02.2025
Date of start of testing : 05.02.2025
Date of end of testing : 11.02.2025
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
Lead (as Pb)	< 0.01 Mg/L	0.1 Mg/L	APHA (24 TH 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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/W/20250324/29	Date of Registration: 24.03.2025
Report No. SCS/HZL/W/20250324/29(1/2)	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 : 25.03.2025
Date of start of testing : 26.03.2025
Date of end of testing : 02.04.2025
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	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
BOD ₅ Days 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 (24 TH 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)	0.04 Mg/L	5.0 Mg/L	APHA (24 TH Edition) 3111B
Nickel (as Ni)	< 0.01 Mg/L	3 Mg/L	APHA (24 TH 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	APHA (24 TH 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 (24 TH Edition) 4500 Cl- B
Iron (as Fe)	0.05 Mg/L	3 Mg/L	APHA (24 TH Edition) 3111B
Fluoride (as F)	0.88 Mg/L	2 Mg/L	APHA (24 TH Edition) 4500F D

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 subjected to Jaipur jurisdiction.

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-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY


Sample ID 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 : 25.03.2025
Date of start of testing : 26.03.2025
Date of end of testing : 02.04.2025
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
Lead (as Pb)	< 0.01 Mg/L	0.1 Mg/L	APHA (24 TH 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 subjected to Jaipur jurisdiction.

STP PLANT OUTLET (April 24 - Dec 24)

Parameter	TSS (Mg/L)	PH	Ammonical Nitrogen as N (Mg/L)	COD (Mg/L)	BOD (Mg/L)	Oil & Grease (Mg/L)	Nitrate as NO3	Sample Date	Report Number
Limit as per CTO	100	5.5-9	50	250	30	10	50		
April'2024	5	6.93	5.1	42	7	<5	4.9	20/04/2024	SCS/HZL/WW/20240419/68
May '2024	7	7.04	5.9	45	8	<5	4.4	24/05/2024	SCS/HZL/WW/20240523/16
June'2024	6	7.22	5.2	39	6	<5	3.7	22/06/2024	SCS/HZL/WW/20240622/39
July'2024	8	7.16	<5	45	8	<5	4.6	30/07/2024	SCS/HZL/WW/20240730/19
August'2024	6	7.25	<5	34	6	<5	3.5	30/08/2024	SCS/HZL/WW/20240830/64
September'2024	<5	8.55	<5	40	8	<5	3.3	17/09/2024	SCS/HZL/WW/20240917/22
October'2024	<5	7.02	<5	40	7	<5	4.2	08/10/2024	SCS/HZL/WW/20241008/46
November'2024	8	8.05	<5	40	7	<5	5	28/11/2024	SCS/HZL/WW/20241127/64
December'2024	<5	7.22	<5	46	9	<5	5.2	17/12/2024	SCS/HZL/WW/20241217/27

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

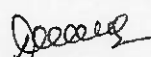
Sample ID No.: SCS/WW/20250115/27	Date of Registration: 15.01.2025
Report No. SCS/HZL/WW/20250115/27	Date of Report: 25.01.2025

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 : 15.01.2025
Date of start of testing : 17.01.2025
Date of end of testing : 25.01.2025
Details of Sample : STP Outlet Plant
Sample sent by : SCS representative

Parameter	Results	Protocol
pH	7.98	APHA (24 TH Edition) 4500 H
Total Suspended Solids	7 Mg/L	APHA (24 TH Edition) 2540 D
Oil & Grease	< 5.0 Mg/L	APHA (24 TH Edition) 5520 B
Ammonical Nitrogen (as N)	< 5.0 Mg/L	APHA (24 TH Edition) 4500NH ₃ B
COD	48 Mg/L	APHA (24 TH Edition) 5220 B
BOD ₃ Days at 27°C	9 Mg/L	IS 3025 (Part 44)
Nitrate Nitrogen	5.6 Mg/L	APHA (24 TH Edition) 4500 B

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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/WW/20250201/79	Date of Registration: 01.02.2025
Report No. SCS/HZL/WW/20250201/79	Date of Report: 11.02.2025

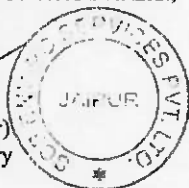
TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address of Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Sample Receipt : 03.02.2025
Date of start of testing : 05.02.2025
Date of end of testing : 11.02.2025
Details of Sample : STP Outlet Plant
Sample sent by : SCS representative

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

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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

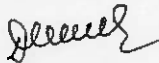
Sample ID No.: SCS/WW/20250324/31	Date of Registration: 24.03.2025
Report No. SCS/HZL/WW/20250324/31	Date of Report: 02.04.2025

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 : 25.03.2025
Date of start of testing : 26.03.2025
Date of end of testing : 02.04.2025
Details of Sample : STP Outlet Plant
Sample sent by : SCS representative

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

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 subjected to Jaipur jurisdiction.

STP COLONY OUTLET (April 24 - Dec 24)

Parameter	TSS (Mg/L)	PH	Ammonical Nitrogen as N (Mg/L)	COD (Mg/L)	BOD (Mg/L)	Oil & Grease (Mg/L)	Nitrate as NO ₃	Total Residual Chlorine (Mg/L)	Fecal Coliform (FC) (MPN per 100 ml)	Sample Date	Report Number
Limit as per CTO	100	6.5-9	50	250	30	10	50		Not to exceed 1000		
April'2024	10	7.62	3.7	35	7	<5	12	<0.1	Absent	20/04/2024	SCS/HZL/WW/20240419/70
May '2024	8	7.41	4.6	42	8	<5	9.3	<0.1	Absent	24/05/2024	SCS/HZL/WW/20240523/18
June'2024	10	7.63	6.5	47	9	<5	6.1	<0.1	Absent	22/06/2024	SCS/HZL/WW/20240622/41
July'2024	9	7.45	<5	44	8	<5	4.9	<0.1	Absent	30/07/2024	SCS/HZL/WW/20240730/21
August'2024	8	7.62	<5	40	7	<5	4.3	<0.1	Absent	30/08/2024	SCS/HZL/WW/20240830/66
September'2024	8	7.31	<5	48	9	<5	6.7	<0.1	Absent	17/09/2024	SCS/HZL/WW/20240917/24
October'2024	<5	8.38	<5	40	6	<5	3.8	<0.1	Absent	08/10/2024	SCS/HZL/WW/20241008/48
November'2024	14	7.36	<5	45	9	<5	6.6	<0.1	Absent	28/11/2024	SCS/HZL/WW/20241127/66
December'2024	9	7.1	<5	42	8	<5	6	<0.1	Absent	17/12/2024	SCS/HZL/WW/20241217/29

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-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

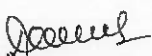
Sample ID No.: SCS/WW/20250115/29	Date of Registration: 15.01.2025
Report No. SCS/HZL/WW/20250115/29(2/2)	Date of Report: 25.01.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Sampling : 15.01.2025
Date of start of testing : 17.01.2025
Date of end of testing : 25.01.2025
Details of Sample : 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 (24 TH Edition) 9230 C

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 subjected to Jaipur jurisdiction.

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-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY


Sample ID No.: SCS/WW/20250201/81	Date of Registration: 01.02.2025
Report No. SCS/HZL/WW/20250201/81(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 : 03.02.2025
Date of start of testing : 05.02.2025
Date of end of testing : 11.02.2025
Details of Sample : 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 (24 TH Edition) 9230 C

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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY


Sample ID No.: SCS/WW/20250324/33	Date of Registration: 24.03.2025
Report No. SCS/HZL/WW/20250324/33(1/2)	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 : 25.03.2025
Date of start of testing : 26.03.2025
Date of end of testing : 02.04.2025
Details of Sample : STP Outlet Colony
Sample sent by : SCS representative

Parameter	Results	Protocol
pH	7.42	APHA (24 TH Edition) 4500 H
Total Suspended Solids	13 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 (24 TH 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)
BOD ₅ Days at 27°C	8 Mg/L	APHA (24 TH Edition) 4500 B
Nitrate as NO ₃	6.6 Mg/L	APHA (24 TH Edition) 4500 H

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 subjected to Jaipur jurisdiction.

AMBIENT AIR QUALITY MONITORING REPORT (April 24 - Dec 24)

Month	Location	Parameter Limit as per NAAQS, 2009 UoM	Ammonia µg/m³	Carbon Monoxide µg/m³	Lead µg/m³	Nitrogen dioxide as NO2 µg/m³	Ozone µg/m³	PM2.5 µg/m³	Sulphur dioxide µg/m³	PM10 µg/m³	Benzo-a-pyrene ng/m³	Arsenic ng/m³	Nickel ng/m³	Benzene µg/m³	Sample Date	Report No.
April 2024	Near Environment Lab Area		43	1031	0.34	25.8	60	39.1	14	66.9	<1	<5.5	2.3	<1	19/04/2024	SCS/HZL/AAQ/20240419/08
	Near SRP Ground Area		36	687	<0.1	11.6	45	32.3	7.2	54.9	<1	<5.5	0.27	<1	19/04/2024	SCS/HZL/AAQ/20240419/09
	Near Solar Power Plant Area		46	802	0.27	12.8	59	35.9	7.8	58.8	<1	<5.5	1.33	<1	19/04/2024	SCS/HZL/AAQ/20240419/10
	Near ETP/RO Plant Area		37	802	0.18	15	47	35.9	8.2	60.6	<1	<5.5	0.59	<1	19/04/2024	SCS/HZL/AAQ/20240419/11
August 2024	Near Environment Lab Area		39	916	0.26	20.5	48	36.5	12.1	62	<1	<5.5	1.92	<1	30/08/2024	SCS/HZL/AAQ/20240830/02
	Near SRP Ground Area		35	687	<0.1	11.2	40	29.9	6.9	50.6	<1	<5.5	0.16	<1	30/08/2024	SCS/HZL/AAQ/20240830/03
	Near Solar Power Plant Area		42	687	0.19	11.6	51	38.1	7.2	53	<1	<5.5	1.08	<1	30/08/2024	SCS/HZL/AAQ/20240830/04
	Near ETP/RO Plant Area		36	687	0.15	13.6	44	34.4	7.8	56.5	<1	<5.5	0.86	<1	30/08/2024	SCS/HZL/AAQ/20240830/05
November 2024	Near Environment Lab Area		42	1031	0.32	19.3	50	43	14	72.5	<1	<5.5	2.37	<1	27/11/2024	SCS/HZL/AAQ/20241127/02
	Near SRP Ground Area		40	802	0.12	12.5	45	34	7.8	56.3	<1	<5.5	0.44	<1	27/11/2024	SCS/HZL/AAQ/20241127/03
	Near Solar Power Plant Area		46	802	0.25	10.5	54	35.3	7	57.9	<1	<5.5	1.49	<1	27/11/2024	SCS/HZL/AAQ/20241127/04
	Near ETP/RO Plant Area		43	916	0.3	14.1	49	38	8.3	63.2	<1	<5.5	1.8	<1	27/11/2024	SCS/HZL/AAQ/20241127/05

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



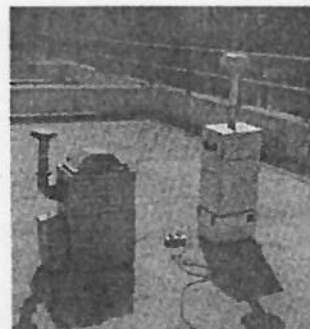
TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

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

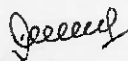
Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address of Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Monitoring : 01.02.2025
Date of start of testing : 03.02.2025
Date of end of testing : 11.02.2025
Duration of sampling : 24 Hrs.
Type of Industry : Non-Ferrous Metal Industry
GPS Coordinate of the 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, 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)	77.3 µg / m ³	100 µg / 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 µg / 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 µg / 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)	< 1.0 ng / m ³	1 ng / m ³	IS 5182 (Part 12)
Particulate phase only			

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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

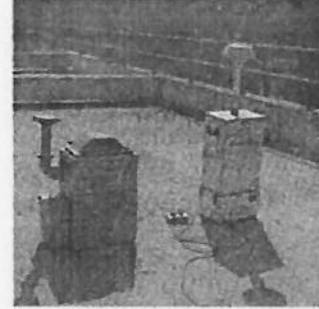
7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE,
RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.: U74140RJ2013PTC042216

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

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

AMBIENT AIR QUALITY MONITORING REPORT

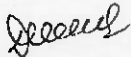
Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address of Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Monitoring : 01.02.2025
Date of start of testing : 03.02.2025
Date of end of testing : 11.02.2025
Duration of sampling : 24 Hrs.
Type of Industry : Non-Ferrous Metal Industry
GPS Coordinate of the : 24°36'14.17"N
Location : 73°48'51.16"E
Ambient Temperature : 25.2°C
Name of Location : Near Environment Lab Area
Parameter required : As

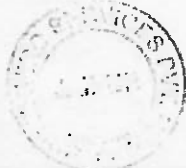


RESULTS

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 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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

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



RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Particulate Matter (PM ₁₀)	62.0 µg / m ³	100 µg / 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 µg / 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 µg / m ³	1 µg / 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 µg / m ³	IS 5182 (Part 11)
Benzo(a)Pyrene (BaP)	< 1.0 ng / m ³	1 ng / m ³	IS 5182 (Part 12)
Particulate phase only			

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 subjected to Jaipur jurisdiction.

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-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

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

AMBIENT AIR QUALITY MONITORING REPORT

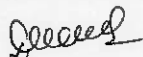
Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address of Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Monitoring : 03.02.2025
Date of start of testing : 05.02.2025
Date of end of testing : 11.02.2025
Duration of sampling : 24 Hrs.
Type of Industry : Non-Ferrous Metal Industry
GPS Coordinate of the Location : 24°36'19.44"N
73°49'18.41"E
Ambient Temperature : 25.3°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 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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

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

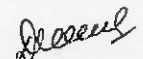
Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address of Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Monitoring : 01.02.2025
Date of start of testing : 03.02.2025
Date of end of testing : 11.02.2025
Duration of sampling : 24 Hrs.
Type of Industry : Non-Ferrous Metal Industry
GPS Coordinate of the : 24°36'26.86"N
Location : 73°48'50.93"E
Ambient Temperature : 25.5°C
Name of Location : Near SRP Ground Area
Parameter required : 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)	62.5 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	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 (NO _x)	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 µg / m ³	IS 5182 (Part 25)
Lead (Pb)	0.16 µg / m ³	1 µg / 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 µg / m ³	5 µg / m ³	IS 5182 (Part 11)
Benzo(a)Pyrene (BaP)	< 1.0 ng / m ³	1 ng / m ³	IS 5182 (Part 12)
Particulate phase only			

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 subjected to Jaipur jurisdiction.

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-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

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 : Village: Debari, Udaipur-313024, Rajasthan
Date of Monitoring : 01.02.2025
Date of start of testing : 03.02.2025
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°36'26.86"N
Location : 73°48'50.93"E
Ambient Temperature : 25.5°C
Name of Location : Near SRP Ground 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 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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



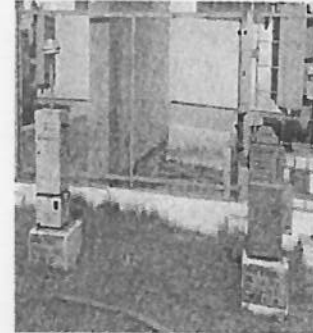
TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

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

AMBIENT AIR QUALITY MONITORING REPORT

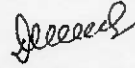
Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address of Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Monitoring : 01.02.2025
Date of start of testing : 03.02.2025
Date of end of testing : 11.02.2025
Duration of sampling : 24 Hrs.
Type of Industry : Non-Ferrous Metal Industry
GPS Coordinate of the : 24°36'07.66"N
Location : 73°49'06.12"E
Ambient Temperature : 25.8°C
Name of Location : Near Solar Power Plant Area
Parameter required : 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)	60.3 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	36.5 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	7.4 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	11.8 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Ozone (O ₃)	58.0 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)	48.0 µg / m ³	400 µg / m ³	IS 5182 (Part 25)
Lead (Pb)	0.30 µg / m ³	1 µg / m ³	IS 5182 (Part 22)
Arsenic (As)	< 1.0 ng / m ³	6 ng / m ³	IS 5182 (Part 22)
Nickel (Ni)	0.87 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)	< 1.0 ng / m ³	1 ng / m ³	IS 5182 (Part 12)
Particulate phase only			

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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

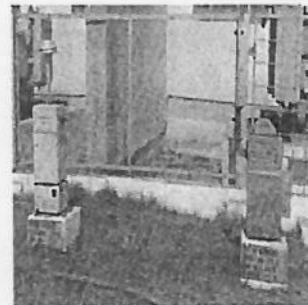
7, KESAR VIHAR, OPPOSITE KHATU SHYAMJI TEMPLE,
RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.: U74140RJ2013PTC042216

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

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

AMBIENT AIR QUALITY MONITORING REPORT

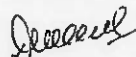
Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address of Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Monitoring : 01.02.2025
Date of start of testing : 03.02.2025
Date of end of testing : 11.02.2025
Duration of sampling : 24 Hrs.
Type of Industry : Non-Ferrous Metal Industry
GPS Coordinate of the : 24°36'07.66"N
Location : 73°49'06.12"E
Ambient Temperature : 25.8°C
Name of Location : Near Solar Power 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 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 subjected to Jaipur jurisdiction.

Stack emission from April 24 -Dec 24												
Month	Date	Azex Furnace		Report No.	Date	Zinc Melting and Slag Grinding		Report No.	Date	Induction Stack		Report No.
		Parameter	PM			Parameter	PM			Parameter	PM	
Norms			50mg/Nm3			50mg/Nm3				50mg/Nm3		
Apr-24	19/04/2024		28.1	SCS/HZL/SE/20240419/16	20/04/2024	29.8		SCS/HZL/SE/20240419/17	20/04/2024	23		SCS/HZL/SE/20240419/18
May-24	23/05/2024		25.6	SCS/HZL/SE/20240523/07	23/05/2024	27.6		SCS/HZL/SE/20240523/08	23/05/2024	24.2		SCS/HZL/SE/20240523/09
Jun-24	22/06/2024		28.3	SCS/HZL/SE/20240622/29	22/06/2024	23.2		SCS/HZL/SE/20240622/30	22/06/2024	28		SCS/HZL/SE/20240622/31
Jul-24	30/07/2024		23.8	SCS/HZL/SE/20240730/10	31/07/2024	20.9		SCS/HZL/SE/20240730/11	30/07/2024	27.4		SCS/HZL/SE/20240730/12
Aug-24	30/08/2024		23	SCS/HZL/SE/20240830/10	31/08/2024	25.5		SCS/HZL/SE/20240830/11	31/08/2024	20.7		SCS/HZL/SE/20240830/12
Sep-24	17/09/2024		26.4	SCS/HZL/SE/20240917/14	18/09/2024	28.2		SCS/HZL/SE/20240917/15	17/09/2024	23.3		SCS/HZL/SE/20240917/16
Oct-24	09/10/2024		23.2	SCS/HZL/SE/20241008/37	08/10/2024	24		SCS/HZL/SE/20241008/38	08/10/2024	25.7		SCS/HZL/SE/20241008/39
Nov-24	27/11/2024		26.3	SCS/HZL/SE/20241127/10	28/11/2024	28.7		SCS/HZL/SE/20241127/11	28/11/2024	24		SCS/HZL/SE/20241127/12
Dec-24	17/12/2024		27	SCS/HZL/SE/20241217/18	17/12/2024	24.5		SCS/HZL/SE/20241217/19	17/12/2024	26.4		SCS/HZL/SE/20241217/20

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20250115/18	Date of Registration: 15.01.2025
Report No. SCS/HZL/SE/20250115/18	Date of Report: 25.01.2025

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 : 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 Azex Furnace
Parameter required : PM

RESULTS

Parameter	Observed Value	Protocol
Particulate Matter (PM)	19.4 mg / Nm ³	IS 11255 (Part 1)

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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20250115/19	Date of Registration: 15.01.2025
Report No. SCS/HZL/SE/20250115/19	Date of Report: 25.01.2025

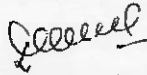
STACK MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address of Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Monitoring : 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 Zinc Melting and Slag Grinding
Parameter required : PM

RESULTS

Parameter	Observed Value	Protocol
Particulate Matter (PM)	26.8 mg / Nm ³	IS 11255 (Part 1)

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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

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

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 : 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 Induction Stack
Parameter required : PM

RESULTS

Parameter	Observed Value	Protocol
Particulate Matter (PM)	28.2 mg / Nm ³	IS 11255 (Part 1)

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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20250201/20	Date of Registration: 01.02.2025
Report No. SCS/HZL/SE/20250201/20	Date of Report: 11.02.2025

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 : 03.02.2025
Date of start of testing : 04.02.2025
Date of end of testing : 11.02.2025
Duration of sampling : 30 Minutes
Type of Industry : Non-Ferrous Metal Industry
Weather conditions : Sunny
Name of Location : Stack Attached to Azex Furnace
Parameter required : PM

RESULTS

Parameter	Observed Value	Protocol
Particulate Matter (PM)	27.5 mg / Nm ³	IS 11255 (Part 1)

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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20250201/21	Date of Registration: 01.02.2025
Report No. SCS/HZL/SE/20250201/21	Date of Report: 11.02.2025

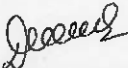
STACK MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address of Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Monitoring : 03.02.2025
Date of start of testing : 04.02.2025
Date of end of testing : 11.02.2025
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

RESULTS

Parameter	Observed Value	Protocol
Particulate Matter (PM)	29.7 mg / Nm ³	IS 11255 (Part 1)

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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

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


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 : 03.02.2025
Date of start of testing : 04.02.2025
Date of end of testing : 11.02.2025
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)	22.9 mg / Nm ³	IS 11255 (Part 1)

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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 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
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 Azex Furnace
Parameter required : PM

RESULTS

Parameter	Observed Value	Protocol
Particulate Matter (PM)	29.3 mg / Nm ³	IS 11255 (Part 1)

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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20250324/22	Date of Registration: 24.03.2025
Report No. SCS/HZL/SE/20250324/22	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 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



- 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.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20250324/23	Date of Registration: 24.03.2025
Report No. SCS/HZL/SE/20250324/23	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



- 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.

Stack emission from April 24 -Dec 24										
Month	Date of sample	Roaster II		Report No.	Date of sample	Roaster III		Report No.		
		Parameter				Parameter				
		Acid Mist mg/Nm3	SO2 mg/Nm3			Acid Mist mg/Nm3	SO2 mg/Nm3			
	Norms	950	50		Norms	950	50			
Apr-24	19/04/2024	28.5	193.7	SCS/HZL/SE/20240419/20	19/04/2024	25.8	162	SCS/HZL/SE/20240419/19		
May-24	24/05/2024	28.1	180.6	SCS/HZL/SE/20240523/10	24/05/2024	29	171.4	SCS/HZL/SE/20240523/11		
Jun-24	22/06/2024	25.5	165.9	SCS/HZL/SE/20240622/32	22/06/2024	28.4	188.9	SCS/HZL/SE/20240622/33		
Jul-24	30/07/2024	22	155.4	SCS/HZL/SE/20240730/13	31/07/2024	26.9	174.6	SCS/HZL/SE/20240730/14		
Aug-24	31/08/2024	27	184.4	SCS/HZL/SE/20240830/14	31/08/2024	28.9	193.7	SCS/HZL/SE/20240830/13		
Sep-24	17/09/2024	23	192	SCS/HZL/SE/20240917/18	18/09/2024	24.5	182	SCS/HZL/SE/20240917/17		
Oct-24	09/10/2024	28.6	197.1	SCS/HZL/SE/20241008/41	08/10/2024	27	194.5	SCS/HZL/SE/20241008/40		
Nov-24	28/11/2024	24.6	152	SCS/HZL/SE/20241127/14	28/11/2024	29.5	167.4	SCS/HZL/SE/20241127/13		
Dec-24	17/12/2024	28.3	194.3	SCS/HZL/SE/20241217/21	18/12/2024	25.4	188.5	SCS/HZL/SE/20241217/22		

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

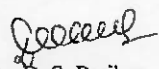
Sample ID No.: SCS/SE/20250115/22	Date of Registration: 15.01.2025
Report No. SCS/HZL/SE/20250115/22	Date of Report: 25.01.2025

STACK MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address of Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Monitoring : 16.01.2025
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 Roaster II
Parameter required : SO₂ & Acid Mist Sulphuric Acid

Parameter	Observed Value	Protocol
Sulphur Di Oxide as SO ₂	184.4 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.,


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.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

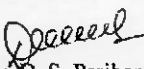
Sample ID No.: SCS/SE/20250115/21	Date of Registration: 15.01.2025
Report No. SCS/HZL/SE/20250115/21	Date of Report: 25.01.2025

STACK MONITORING REPORT

Name of Client : 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 Roaster III
Parameter required : 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)
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.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

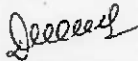
Sample ID No.: SCS/SE/20250201/24	Date of Registration: 01.02.2025
Report No. SCS/HZL/SE/20250201/24	Date of Report: 11.02.2025

STACK MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address of Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Monitoring : 01.02.2025
Date of start of testing : 03.02.2025
Date of end of testing : 11.02.2025
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	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.,


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.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY


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

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 : 03.02.2025
Date of start of testing : 04.02.2025
Date of end of testing : 11.02.2025
Duration of sampling : 30 Minutes
Type of Industry : Non-Ferrous Metal Industry
Weather conditions : Sunny
Name of Location : Stack Attached to Roaster III
Parameter required : SO₂ & Acid Mist Sulphuric Acid

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

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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20250324/24	Date of Registration: 24.03.2025
Report No. SCS/HZL/SE/20250324/24	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 Roaster II
Parameter required : SO₂ & Acid Mist Sulphuric Acid

Parameter	Observed Value	Protocol
Sulphur Di Oxide as SO ₂	193.0 Mg / M ³	IS 11255 (Part 2)
Acid Mist Sulphuric Acid	28.7 Mg / M ³	SCS/SOP/SE/28

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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

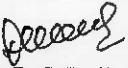
Sample ID No.: SCS/SE/20250324/26	Date of Registration: 24.03.2025
Report No. SCS/HZL/SE/20250324/26	Date of Report: 02.04.2025

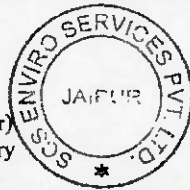
STACK MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address of Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Monitoring : 29.03.2025
Date of start of testing : 31.03.2025
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 III
Parameter required : SO₂ & Acid Mist Sulphuric Acid

Parameter	Observed Value	Protocol
Sulphur Di Oxide as SO ₂	172.0 Mg / M ³	IS 11255 (Part 2)
Acid Mist Sulphuric Acid	29.8 Mg / M ³	SCS/SOP/SE/28

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 subjected to Jaipur jurisdiction.

Stack emission from April 24 -Dec 24						
Month	Date of sample	MCTP			Report No.	
		Parameter		Lead (Pb) mg/Nm3		
		PM mg/Nm3				
	Norms	50		10		
Apr-24	19/04/2024	16.8		0.14		SCS/HZL/SE/20240419/15
May-24	24/05/2024	20.3		0.1		SCS/HZL/SE/20240523/06
Jun-24	22/06/2024	24		0.12		SCS/HZL/SE/20240622/28
Jul-24	30/07/2024	26.5		0.16		SCS/HZL/SE/20240730/09
Aug-24	30/08/2024	18.5		0.12		SCS/HZL/SE/20240830/09
Sep-24	18/09/2024	16.1		0.17		SCS/HZL/SE/20240917/13
Oct-24	08/10/2024	18.7		0.21		SCS/HZL/SE/20241008/36
Nov-24	27/11/2024	16.2		0.13		SCS/HZL/SE/20241127/09
Dec-24	17/12/2024	18		0.14		SCS/HZL/SE/20241217/17

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

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

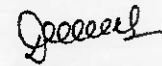
STACK MONITORING REPORT

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

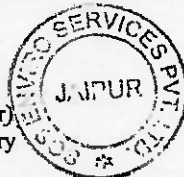
RESULTS

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



- 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.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20250201/19	Date of Registration: 01.02.2025
Report No. SCS/HZL/SE/20250201/19	Date of Report: 11.02.2025

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 : 01.02.2025
Date of start of testing : 03.02.2025
Date of end of testing : 11.02.2025
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)	18.6 mg / Nm ³	IS 11255 (Part 1)
Lead as Pb	0.11 mg / Nm ³	USEPA Method 29

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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20250324/25	Date of Registration: 24.03.2025
Report No. SCS/HZL/SE/20250324/25	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 : 24.03.2025
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 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.,


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.

Stack emission from April 24 -Dec 24												
Month	Date of sample	DG Stack / CPP-I				Report No.	Date of sample	DG Stack / CPP-II				Report No.
		Parameter						Parameter				
		PM mg/Nm3	NOx (as NO2) mg/Nm3	Carbon Monoxide (CO) mg/Nm3	NMHC (as C) mg/Nm3			PM mg/Nm3	NOx (as NO2) mg/Nm3	Carbon Monoxide (CO) mg/Nm3	NMHC (as C) mg/Nm3	
	Norms	75	710	150	100		Norms	75	710	150	100	
Apr-24	19/04/2024	50	390	116.3	55.6	SCS/HZL/SE/20240419/14	19/04/2024	46.7	360	98.3	44.2	SCS/HZL/SE/20240419/13
May-24	23/05/2024	49.5	350	108.4	59.9	SCS/HZL/SE/20240523/05	23/05/2024	48.2	380	83.5	49.7	SCS/HZL/SE/20240523/04
Jun-24	22/06/2024	47.2	440	95.2	65.5	SCS/HZL/SE/20240622/27	22/06/2024	48.2	410	74.4	42.5	SCS/HZL/SE/20240622/26
Aug-24	30/08/2024	49.4	425	123	72.4	SCS/HZL/SE/20240830/08	30/08/2024	48.6	390	110.2	61.5	SCS/HZL/SE/20240830/07
Nov-24	27/11/2024	47.8	440	115	77.6	SCS/HZL/SE/20241127/08	27/11/2024	45	470	120	70.8	SCS/HZL/SE/20241127/07

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20250115/39	Date of Registration: 15.01.2025
Report No. SCS/HZL/SE/20250115/39	Date of Report: 25.01.2025

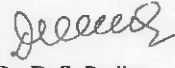
STACK MONITORING REPORT

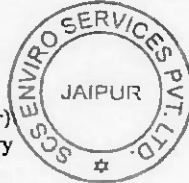
Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address of Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Monitoring : 16.01.2025
Date of start of testing : 17.01.2025
Date of end of testing : 25.01.2025
Duration of sampling : 30 Minutes
Type of Industry : Non-Ferrous Metal Industry
Weather conditions : Sunny
Name of Location : DG Stack / CPP-I
Parameter required : PM, NO_x, CO & NMHC

RESULTS

Parameter	Observed Value	Protocol
Particulate Matter (PM)	46.1 mg / Nm ³	IS 11255 (Part 1)
NO _x (as NO ₂)*	410.0 mg / Nm ³	IS 11255 (Part 7)
Carbon Monoxide (CO)	94.2 mg / Nm ³	SCS/SOP/SE/26
NMHC (as C)	60.8 mg / Nm ³	SCS/SOP/SE/31

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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20250115/38	Date of Registration: 15.01.2025
Report No. SCS/HZL/SE/20250115/38	Date of Report: 25.01.2025

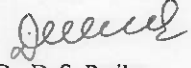
STACK MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address of Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Monitoring : 16.01.2025
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 : DG Stack / CPP-II
Parameter required : PM, NO_x, CO & NMHC

RESULTS

Parameter	Observed Value	Protocol
Particulate Matter (PM)	42.0 mg / Nm ³	IS 11255 (Part 1)
NO _x (as NO ₂)	380.0 mg / Nm ³	IS 11255 (Part 7)
Carbon Monoxide (CO)	85.6 mg / Nm ³	SCS/SOP/SE/26
NMHC (as C)	53.3 mg / Nm ³	SCS/SOP/SE/31

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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20250324/20	Date of Registration: 24.03.2025
Report No. SCS/HZL/SE/20250324/20	Date of Report: 02.04.2025

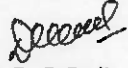
STACK MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address of Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Monitoring : 24.03.2025
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 : DG Stack / CPP-I
Parameter required : PM, NO_x, CO & NMHC

RESULTS

Parameter	Observed Value	Protocol
Particulate Matter (PM)	46.9 mg / Nm ³	IS 11255 (Part 1)
NO _x (as NO ₂)*	583.0 mg / Nm ³	IS 11255 (Part 7)
Carbon Monoxide (CO)	118.2 mg / Nm ³	SCS/SOP/SE/26
NMHC (as C)	73.1 mg / Nm ³	SCS/SOP/SE/31

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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/SE/20250324/19	Date of Registration: 24.03.2025
Report No. SCS/HZL/SE/20250324/19	Date of Report: 02.04.2025

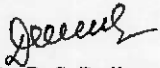
STACK MONITORING REPORT

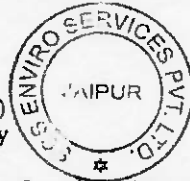
Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address of Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Monitoring : 24.03.2025
Date of start of testing : 26.03.2025
Date of end of testing : 02.04.2025
Duration of sampling : 30 Minutes
Type of Industry : Non-Ferrous Metal Industry
Weather conditions : Sunny
Name of Location : DG Stack / CPP-II
Parameter required : PM, NO_x, CO & NMHC

RESULTS

Parameter	Observed Value	Protocol
Particulate Matter (PM)	45.5 mg / Nm ³	IS 11255 (Part 1)
NO _x (as NO ₂)	562.3 mg / Nm ³	IS 11255 (Part 7)
Carbon Monoxide (CO)	114.6 mg / Nm ³	SCS/SOP/SE/26
NMHC (as C)	66.8 mg / Nm ³	SCS/SOP/SE/31

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 subjected to Jaipur jurisdiction.



HINDUSTAN ZINC
Zinc & Silver of India

DZS/ENV/RPCB/A08/HW/2023/24 *985*

Date: 17.06.2024

To,
The Member Secretary,
Rajasthan State Pollution Control Board,
4-Institutional Area, Jhalana Dungri,
Jaipur (Raj.) – 302004.

**Sub: Annual Return (Form-4) under The Hazardous and other Wastes
(Management and Transboundary Movement) Rules, 2016.**

Ref.: Authorization vide No. RPCB/HWM/2022-2023/HDF/HSW/88 dtd 17/03/2023

Dear Sir,

Please find enclosed herewith annual return regarding disposal of Hazardous waste under The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 for the period of FY 2023-24

Thanking you.

Yours Sincerely,

Manas Tyagi
SBU Director,
Zinc Smelter Debari

ofc

CC: Regional Officer,
Rajasthan State Pollution Control Board,
F-470, Near UCCI Building,
Mewar Industrial Area, Udaipur (Raj.) – 313001.



FORM 4

[(See rules 6(5), 13(8), 16(6) and 20(2)]

1. Name and address of facility:	Hindustan Zinc Limited, Zinc Smelter Debari, Udaipur, Rajasthan – 313024
2. Authorisation No. and date of issue:	Authorization vide No RPCB/HWM/2022-2023/HDF/HSW/88 dtd 17/03/2023
3. Name of the authorised person and full address with telephone, fax number and e-mail:	Manas Tyagi Site Director Zinc Smelter Debari, Udaipur – 313024 Tel. - 0294-2658028, Fax - 0294-2658147 E-mail: Manas.Tyagi@vedanta.co.in
4. Production during the year (product wise), wherever applicable:	Zn Ingot: 81356.13 MT Sulphuric Acid: 274786 MT

Part A. To be filled by hazardous waste generators**1. Total Quantity of Waste Generated Category Wise:**

Category Wise Waste Generated FY:23-24				
Sr.No	Type of Hazardous Waste	Waste Category	Hazardous Waste Disposal Mode	Total Quantity Waste Generated (MT)
1	Spent catalyst*	17.2	CTDF	20
2	Empty barrels/container s contaminated with hazardous chemicals/wastes	33.1	CTDF	0.0
3	Chemical sludge from waste water treatment	35.3	CTDF	12327.28MT(Which will be 4565.6 dry MT)
4	Concentration or evaporation residues	37.3	CTDF	703.34
5	Used or spent oil	5.1	Sales to registered Recycler	40.62
6	Anode Mud	7.2	Sales to registered Recycler/Reuse	1414
7	Cooler cake	7.2	CTDF	654
8	Process residues	7.2	CTDF	33.2
9	Process residues	7.2	Sales to registered recycler	169.7
10	Purification Cake	7.2	Sales to registered recyclers	1270.62
11	Jarosite	OW	Co processing in Cement Kiln	69213.93
12	Discarded Asbestos	15.2	CTDF	67.9

2. Total Quantity of Waste Disposed Category Wise:

FORM 4

[(See rules 6(5), 13(8), 16(6) and 20(2)]

(I) To Disposal Facility:

Category Wise Waste Disposed FY:23-24				
Sr.No	Type of Hazardous Waste	Waste Category	Hazardous Waste Disposal Mode	Total Quantity Waste Disposed (MT)
1.	Spent catalyst*	17.2	CTDF	20
2.	Empty barrels/container s contaminated with hazardous chemicals/wastes	33.1	CTDF	0
3.	Chemical sludge from waste water treatment	35.3	CTDF	12327.28MT(Which will be 4565.6 dry MT)
4.	Concentration or evaporation residues	37.3	CTDF	703.34
5.	Cooler cake	7.2	CTDF	654
6.	Process residues	7.2	CTDF	33.2
7.	Discarded Asbestos	15.2	CTDF	67.9

(II) To Recycler or Co-processors or Pre-processor:

Category Wise Waste Recycling FY:23-24				
Sr.No	Type of Hazardous Waste	Waste Category	Hazardous Waste Disposal Mode	Total Quantity Waste Recycle (MT)
1.	Used or spent oil	5.1	Sales to registered Recycler	40.62
2.	Anode Mud	7.2	Sales to registered Recycler	555.88
3.	Process residues	7.2	Sales to registered recycler	169.7
4.	Purification Cake	7.2	Sales to registered recyclers	1270.62
5.	OW Jarosite	III/ OW	Co-processors	139233.56 MT which will be 82732.76 dry MT)

(III) Others:

3. Quantity utilised in-house, If any:-

FORM 4

[(See rules 6(5), 13(8), 16(6) and 20(2))]

Category Wise Waste Utilised in House (2023-2024)				
Sr.No	Type of Hazardous Waste	Waste Category	Hazardous Waste Disposal Mode	Total Quantity Waste Disposed (MT)
1.	Anode Mud	7.2	REUSE	858.58

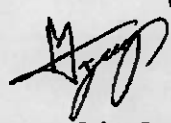
4. Quantity in storage at the end of the year: NA

Category Wise Waste Stored (Stock Till 31th March,2024)				
Sr.No	Type of Hazardous Waste	Waste Category	Hazardous Waste Disposal Mode	Total Quantity Waste Disposed (MT)
1	NA	NA	NA	0

Part B. To be filled by Treatment, storage and disposal facility operators: NA

Part C. To be filled by recyclers or co-processors or other users: NA

Date:17.06.2024


Signature of the Occupier Or
Operator of the Disposal Facility



HINDUSTAN ZINC
Zinc & Silver of India

DZS/ENV/RPCB/A08/HW/2024-2025/3A3

Date: 23.04.2025

To,
The Member Secretary,
Rajasthan State Pollution Control Board,
4-Institutional Area, Jhalana Dungri,
Jaipur (Raj.) – 302004.

Sub: Annual Return (Form-4) under The Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.

Ref.: Authorization vide No. RPCB/HWM/2022-2023/HDF/HSW/88 dtd 17/03/2023

Dear Sir,

Please find enclosed herewith Annual return regarding Disposal of Hazardous waste under The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 for the period of FY 2024-25

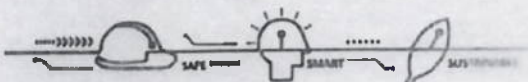
Thanking you.

Yours Sincerely,

Vivek Yadav
(SBU Director,
Zinc Smelter Debari)

o/c

CC: Regional Officer,
Rajasthan State Pollution Control Board,
F-470, Near UCCI Building,
Mewar Industrial Area, Udaipur (Raj.) – 313001.



FORM-4

[See rules 6(5), 13(8), 16(6) and 20(2)]

FORM FOR FILLING ANNUAL RETURNS

[To be submitted to the State Pollution Control Board by 30th Day of June of every year for the preceding period April to March]

1.	Name and Address of Facility	Hindustan Zinc Limited, Zinc Smelter Debari, Udaipur, Rajasthan – 313024
2.	Authorization No. and Date of issue	Authorization vide No. RPCB/HWM/2022-2023/HDF/HSW/98 dtd 17/03/2023
3.	Name of the authorized person and full address with telephone, fax number and e-mail	Vivek Yadav Site Director Zinc Smelter Debari, Udaipur – 313024 Tel. - 0294-2658028, Fax - 0294-2658147 E-mail: Vivek.Yadav@vedanta.co.in
4.	Production during the year (Product wise), wherever applicable	Zn Ingot: 87472.7 MT Sulphuric Acid: 320357 MT

Part A. To be filled by Hazardous Waste Generators

1.	Total quantity of waste generated category wise	Please ref. Annexure -1
2.	Quantity dispatched	Please ref. Annexure -1
	(i) To disposal facility	Please ref. Annexure -1
	(ii) To recycler or co-processors or pre-processors	Please ref. Annexure -1
	(iii) Others	Please ref. Annexure -1
3.	Quantity utilized in-house, if any	Please ref. Annexure -1
4.	Quantity in storage at the end of the year	Please ref. Annexure -1

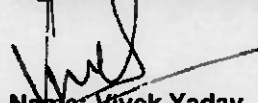
Part B. To be filled by Treatment, storage and disposal facility operators

1.	Total quantity received	NA
2.	Quantity in stock at the beginning of the year	NA
3.	Quantity treated	NA
4.	Quantity disposed in landfill as such and after treatment	Nil (Being dispatch to Cement industries)
5.	Quantity incinerated (if applicable)	NA
6.	Quantity processed other than specified above	NA
7.	Quantity in storage at the end of the year	NA

Part C. To be filled by recyclers or co-processors or other users

1.	Total quantity received during the year	NA
	(i) Domestic sources	NA
	(ii) Imported (if applicable)	NA
2.	Quantity in stock at the beginning of the year	NA
3.	Quantity recycled or co-processed or used	NA
4.	Quantity of products dispatched (wherever applicable)	NA
5.	Quantity of waste generated	NA
6.	Quantity of waste disposed	NA
7.	Quantity re-exported (wherever applicable)	NA
8.	Quantity in storage at the end of the year	NA

Signature of the Occupier



Name: Vivek Yadav
Designation: SBU Director

Date: 23.04.2025

Place: Zinc Smelter Debari, Udaipur

FORM 4

[(See rules 6(5), 13(8), 16(6) and 20(2))]

1. Name and address of facility:	Hindustan Zinc Limited, Zinc Smelter Debari, Udaipur, Rajasthan – 313024
2. Authorisation No. and date of issue:	Authorization vide No RPCB/HWM/2022-2023/HDF/HSW/88 dtd 17/03/2023
3. Name of the authorised person and full address with telephone, fax number and e-mail:	Vivek Yadav Site Director Zinc Smelter Debari, Udaipur – 313024 Tel. - 0294-2658028, Fax - 0294-2658147 E-mail: Vivek.Yadav@vedanta.co.in
4. Production during the year (product wise), wherever applicable:	Zn Ingot: 87472.70 MT Sulphuric Acid: 320357 MT

Part A. To be filled by hazardous waste generators

1. Total Quantity of Waste Generated Category Wise:

Category Wise Waste Generated FY:24-25				
Sr.No	Type of Hazardous Waste	Waste Category	Hazardous Waste Disposal Mode	Total Quantity Waste Generated (MT)
1	Spent catalyst*	17.2	CTDF	18.43
2	Chemical sludge from waste water treatment	35.3	CTDF	11220.72 MT
3	Concentration or evaporation residues	37.3	CTDF	443.7
4	Used or spent oil	5.1	Sales to registered Recycler	23.97
5	Anode Mud	7.2	Sales to registered Recycler/Reuse	1038.9
6	Cooler cake	7.2	CTDF	963
7	Process residues	7.2	CTDF	547.4
8	Purification Cake	7.2	Sales to registered recyclers	1560
9	Jarosite	OW	Co processing in Cement Kiln	69048
10	Discarded Asbestos	15.2	CTDF	50

FORM 4

[(See rules 6(5), 13(8), 16(6) and 20(2)]

2. Total Quantity of Waste Disposed Category Wise:

(I) To Disposal Facility:

Category Wise Waste Disposed FY:24-25				
Sr.No	Type of Hazardous Waste	Waste Category	Hazardous Waste Disposal Mode	Total Quantity Waste Disposed (MT)
1.	Spent catalyst*	17.2	CTDF	18.43
2.	Chemical sludge from waste water treatment	35.3	CTDF	11220.72MT
3.	Concentration or evaporation residues	37.3	CTDF	443.7
4.	Cooler cake	7.2	CTDF	967.2
5.	Process residues	7.2	CTDF	547.4
6.	Discarded Asbestos	15.2	CTDF	50

(II) To Recycler or Co-processors or Pre-processor:

Category Wise Waste Recycling FY:24-25				
Sr.No	Type of Hazardous Waste	Waste Category	Hazardous Waste Disposal Mode	Total Quantity Waste Recycle (MT)
1.	Used or spent oil	5.1	Sales to registered Recycler	21.94
2.	Anode Mud	7.2	Sales to registered Recycler	301.4
3.	Purification Cake	7.2	Sales to registered recyclers	1574.72
4.	OW Jarosite	III/ OW	Co-processors	131193.42MT which will be 78579.41 dry MT)

FORM 4

[(See rules 6(5), 13(8), 16(6) and 20(2)]

(III) Others:

3. Quantity utilised in-house, If any:-

Category Wise Waste Utilised in House (2024-2025)				
Sr.No	Type of Hazardous Waste	Waste Category	Hazardous Waste Disposal Mode	Total Quantity Waste Disposed (MT)
1.	Anode Mud	7.2	REUSE	737.5

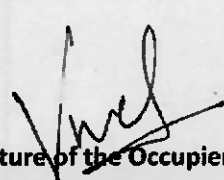
4. Quantity in storage at the end of the year: NA

Category Wise Waste Stored (Stock Till 31th March,2025)				
Sr.No	Type of Hazardous Waste	Waste Category	Hazardous Waste Disposal Mode	Total Quantity Waste Disposed (MT)
1	NA	NA	NA	0

Part B. To be filled by Treatment, storage and disposal facility operators: NA

Part C. To be filled by recyclers or co-processors or other users: NA

Date:23.04.2025


Signature of the Occupier Or
Operator of the Disposal Facility

PIEZOMETER TEST REPORT (April 24 - Dec 24)

S. No.	Parameter	Norm	UMO	Sample date	Report No.	April 2024	Sample date	Report No.	August 2024	Sample date	Report No.	November 2024
1	PH	6.5-9.5	-	19/04/2024	SCS/HZLW/20240419/39	7.54	30/08/2024	SCS/HZLW/20240830/33	7.82	28/11/2024	SCS/HZLW/20241127/33	7.55
	Iron as Fe	0.3	mg/L			0.05			0.04			0.03
	Cadmium as Cd	0.003	mg/L			<0.003			<0.003			<0.003
	Lead as Pb	0.01	mg/L			<0.01			<0.01			<0.01
	Zinc as Zn	5	mg/L			2.89			1.95			0.63
2	PH	6.5-9.5	-	19/04/2024	SCS/HZLW/20240419/40	7.25	30/08/2024	SCS/HZLW/20240830/34	7.56	28/11/2024	SCS/HZLW/20241127/34	7.68
	Iron as Fe	0.3	mg/L			<0.01			<0.01			<0.01
	Cadmium as Cd	0.003	mg/L			<0.003			<0.003			<0.003
	Lead as Pb	0.01	mg/L			<0.01			<0.01			<0.01
	Zinc as Zn	5	mg/L			0.84			0.31			0.22
3	PH	6.5-9.5	-	19/04/2024	SCS/HZLW/20240419/41	7.63	30/08/2024	SCS/HZLW/20240830/35	7.8	28/11/2024	SCS/HZLW/20241127/35	7.94
	Iron as Fe	0.3	mg/L			<0.01			<0.01			<0.01
	Cadmium as Cd	0.003	mg/L			<0.003			<0.003			<0.003
	Lead as Pb	0.01	mg/L			<0.01			<0.01			<0.01
	Zinc as Zn	5	mg/L			0.4			0.26			0.2
4	PH	6.5-9.5	-	19/04/2024	SCS/HZLW/20240419/42	6.73	30/08/2024	SCS/HZLW/20240830/36	6.95	28/11/2024	SCS/HZLW/20241127/36	6.8
	Iron as Fe	0.3	mg/L			<0.01			<0.01			<0.01
	Cadmium as Cd	0.003	mg/L			<0.003			<0.003			<0.003
	Lead as Pb	0.01	mg/L			<0.01			<0.01			<0.01
	Zinc as Zn	5	mg/L			4.2			3.34			1.97
5	PH	6.5-9.5	-	19/04/2024	SCS/HZLW/20240419/43	7.14	30/08/2024	SCS/HZLW/20240830/37	7.38	28/11/2024	SCS/HZLW/20241127/37	7.29
	Iron as Fe	0.3	mg/L			<0.01			<0.01			<0.01
	Cadmium as Cd	0.003	mg/L			<0.003			<0.003			<0.003
	Lead as Pb	0.01	mg/L			<0.01			<0.01			<0.01
	Zinc as Zn	5	mg/L			2.5			1.82			1.14
6	PH	6.5-9.5	-	19/04/2024	SCS/HZLW/20240419/44	7.9	30/08/2024	SCS/HZLW/20240830/38	8.13	28/11/2024	SCS/HZLW/20241127/38	7.83
	Iron as Fe	0.3	mg/L			<0.01			<0.01			<0.01
	Cadmium as Cd	0.003	mg/L			<0.003			<0.003			<0.003
	Lead as Pb	0.01	mg/L			0.02			0.01			<0.01
	Zinc as Zn	5	mg/L			0.28			0.2			0.14
7	PH	6.5-9.5	-	19/04/2024	SCS/HZLW/20240419/45	7.62	30/08/2024	SCS/HZLW/20240830/39	7.78	28/11/2024	SCS/HZLW/20241127/39	7.6
	Iron as Fe	0.3	mg/L			<0.01			<0.01			<0.01
	Cadmium as Cd	0.003	mg/L			<0.003			<0.003			<0.003
	Lead as Pb	0.01	mg/L			0.01			0.01			<0.01
	Zinc as Zn	5	mg/L			0.1			0.06			0.03
8	PH	6.5-9.5	-	19/04/2024	SCS/HZLW/20240419/46	7.2	30/08/2024	SCS/HZLW/20240830/40	7.48	28/11/2024	SCS/HZLW/20241127/40	7.65
	Iron as Fe	0.3	mg/L			<0.01			<0.01			<0.01
	Cadmium as Cd	0.003	mg/L			<0.003			<0.003			<0.003
	Lead as Pb	0.01	mg/L			<0.01			<0.01			<0.01
	Zinc as Zn	5	mg/L			0.16			0.11			0.06
9	PH	6.5-9.5	-	19/04/2024	SCS/HZLW/20240419/47	7.42	30/08/2024	SCS/HZLW/20240830/41	7.58	28/11/2024	SCS/HZLW/20241127/41	7.36
	Iron as Fe	0.3	mg/L			<0.01			<0.01			<0.01
	Cadmium as Cd	0.003	mg/L			<0.003			<0.003			<0.003
	Lead as Pb	0.01	mg/L			<0.01			<0.01			<0.01
	Zinc as Zn	5	mg/L			0.09			0.05			0.02
10	PH	6.5-9.5	-	19/04/2024	SCS/HZLW/20240419/48	7.4	30/08/2024	SCS/HZLW/20240830/42	7.65	28/11/2024	SCS/HZLW/20241127/42	7.5
	Iron as Fe	0.3	mg/L			<0.01			<0.01			<0.01
	Cadmium as Cd	0.003	mg/L			<0.003			<0.003			<0.003
	Lead as Pb	0.01	mg/L			<0.01			<0.01			<0.01
	Zinc as Zn	5	mg/L			1.42			0.88			0.47

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 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
Date of start of testing : 05.02.2025
Date of end of testing : 11.02.2025
Details of Sample : Piezometer No. 1 Water
Sample submitted by : SCS Representative

Parameter	Results	Protocol
pH	7.89	APHA (24 TH Edition) 4500 H
Iron as Fe	0.04 Mg / L	APHA (24 TH 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	0.50 Mg / L	APHA (24 TH Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar
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.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

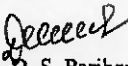
Sample ID No.: SCS/W/20250201/50	Date of Registration: 01.02.2025
Report No. SCS/HZL/W/20250201/50	Date of Report: 11.02.2025

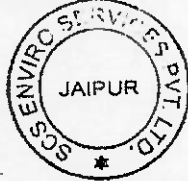
TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Sampling : 03.02.2025
Date of start of testing : 05.02.2025
Date of end of testing : 11.02.2025
Details of Sample : Piezometer No. 2 Water
Sample submitted by : SCS Representative

Parameter	Results	Protocol
pH	7.07	APHA (24 TH Edition) 4500 H
Iron as Fe	< 0.01 Mg / L	APHA (24 TH 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	0.30 Mg / L	APHA (24 TH 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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

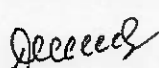
Sample ID No.: SCS/W/20250201/51	Date of Registration: 01.02.2025
Report No. SCS/HZL/W/20250201/51	Date of Report: 11.02.2025

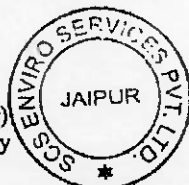
TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Sampling : 03.02.2025
Date of start of testing : 05.02.2025
Date of end of testing : 11.02.2025
Details of Sample : Piezometer No. 3 Water
Sample submitted by : SCS Representative

Parameter	Results	Protocol
pH	8.16	APHA (24 TH Edition) 4500 H
Iron as Fe	< 0.01 Mg / L	APHA (24 TH 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	0.25 Mg / L	APHA (24 TH 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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 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

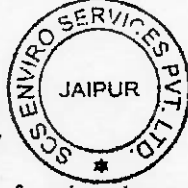
TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Sampling : 03.02.2025
Date of start of testing : 05.02.2025
Date of end of testing : 11.02.2025
Details of Sample : Piezometer No. 4 Water
Sample submitted by : SCS Representative

Parameter	Results	Protocol
pH	6.95	APHA (24 TH Edition) 4500 H
Iron as Fe	< 0.01 Mg / L	APHA (24 TH 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	1.62 Mg / L	APHA (24 TH 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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

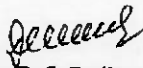
Sample ID No.: SCS/W/20250201/53	Date of Registration: 01.02.2025
Report No. SCS/HZL/W/20250201/53	Date of Report: 11.02.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Sampling : 03.02.2025
Date of start of testing : 05.02.2025
Date of end of testing : 11.02.2025
Details of Sample : Piezometer No. 5 Water
Sample submitted by : SCS Representative

Parameter	Results	Protocol
pH	7.40	APHA (24 TH Edition) 4500 H
Iron as Fe	< 0.01 Mg / L	APHA (24 TH 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	0.82 Mg / L	APHA (24 TH 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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO 9001:2015 CERTIFIED LABORATORY
ISO 14001:2015 CERTIFIED LABORATORY
ISO 45001:2018 CERTIFIED LABORATORY


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

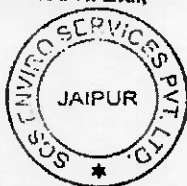
TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Sampling : 03.02.2025
Date of start of testing : 05.02.2025
Date of end of testing : 11.02.2025
Details of Sample : Piezometer No. 6 Water
Sample submitted by : SCS Representative

Parameter	Results	Protocol
pH	7.70	APHA (24 TH Edition) 4500 H
Iron as Fe	< 0.01 Mg / L	APHA (24 TH 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	0.10 Mg / L	APHA (24 TH 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 subjected to Jaipur jurisdiction.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

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

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Sampling : 03.02.2025
Date of start of testing : 05.02.2025
Date of end of testing : 11.02.2025
Details of Sample : Piezometer No. 7 Water
Sample submitted by : SCS Representative

Parameter	Results	Protocol
pH	7.52	APHA (24 TH Edition) 4500 H
Iron as Fe	< 0.01 Mg / L	APHA (24 TH 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	0.02 Mg / L	APHA (24 TH 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 subjected to Jaipur jurisdiction.

SCS**SCS ENVIRO SERVICES PRIVATE LIMITED**

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

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

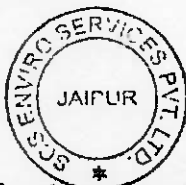
TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Sampling : 03.02.2025
Date of start of testing : 05.02.2025
Date of end of testing : 11.02.2025
Details of Sample : Piezometer No. 8 Water
Sample submitted by : SCS Representative

Parameter	Results	Protocol
pH	7.72	APHA (24 TH Edition) 4500 H
Iron as Fe	< 0.01 Mg / L	APHA (24 TH 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	0.10 Mg / L	APHA (24 TH Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd.,

Dr. D. S. Parihar
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.

SCS**SCS ENVIRO SERVICES PRIVATE LIMITED**

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

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 : 03.02.2025
Date of start of testing : 05.02.2025
Date of end of testing : 11.02.2025
Details of Sample : Piezometer No. 9 Water
Sample submitted by : SCS Representative

Parameter	Results	Protocol
pH	7.54	APHA (24 TH Edition) 4500 H
Iron as Fe	< 0.01 Mg / L	APHA (24 TH 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	0.03 Mg / L	APHA (24 TH Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd.,

[Signature]
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.

SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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



TC-13363

ISO-9001:2015 CERTIFIED LABORATORY
ISO-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY


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 : M/s. Hindustan Zinc Limited, Zinc Smelter, Debari
Address Client : Village: Debari, Udaipur-313024, Rajasthan
Date of Sampling : 03.02.2025
Date of start of testing : 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
pH	7.44	APHA (24 TH Edition) 4500 H
Iron as Fe	< 0.01 Mg / L	APHA (24 TH 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	0.31 Mg / L	APHA (24 TH 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 subjected to Jaipur jurisdiction.

AMBIENT NOISE MONITORING REPORT (April 24 - Dec 24)

S.No.	Location	April 2024			August 2024			November 2024		
		Month		Report No.	Month		Report No.	Month		Report No.
		Day	Night		Day	Night		Day	Night	
		75	70	Sample Date	75	70	Sample Date	75	70	Sample Date
1	Near Env't. Lab	58.3	47.9	19/04/2024	56.9	49.4	30/08/2024	59.4	52.1	27/11/2024
2	Near Railway Gate /SRP Area	62.5	51.4	19/04/2024	64.7	53.5	30/08/2024	66.1	55	27/11/2024
3	Near ETP Area	63	56.1	19/04/2024	66.2	59.4	30/08/2024	63	57.6	27/11/2024
4	Near DG Room Area	58.9	50.4	19/04/2024	60.3	52.7	30/08/2024	62.5	54.4	27/11/2024
5	Near ZSD Main Gate Area	65.6	56.4	19/04/2024	67.5	59.1	30/08/2024	68	61.2	27/11/2024
6	Near ZE Area	68.9	64.7	19/04/2024	70.1	65	30/08/2024	71.6	64.7	27/11/2024
7	Near Weigh Bridge Area	66	55.4	19/04/2024	68.5	57.9	30/08/2024	67.2	55.7	27/11/2024
8	Near MCTP Entrance Area	64.2	53.8	19/04/2024	65.3	55	30/08/2024	62.4	52.9	27/11/2024
9	Near Roaster Area	70.9	65	19/04/2024	69.4	64.2	30/08/2024	67.7	63.5	27/11/2024
10	Near Workshop Area	68.5	59.4	19/04/2024	63	56.8	30/08/2024	60	53.2	27/11/2024
11	Near Solar Area	58.5	50.3	19/04/2024	56.1	49.4	30/08/2024	57.6	51.3	27/11/2024
12	Near Hospital Area	53.9	44.8	19/04/2024	54.1	43.4	30/08/2024	53.7	44	27/11/2024
13	Near STP Area	63.8	56.4	19/04/2024	65	58.2	30/08/2024	67.5	60.8	27/11/2024
14	Near Store	55	45.7	19/04/2024	53.4	44.6	30/08/2024	57.2	46	27/11/2024
15	Near Leaching Area	66.4	63	19/04/2024	69.1	65	30/08/2024	71.9	68.5	27/11/2024

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-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/AN/20250201/25	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 : 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 : Near Environment Lab Area
Parameter required : Ambient Noise


Results

Parameter	Results 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	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 authority

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 subjected to Jaipur jurisdiction.

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-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

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 : 01.02.2025
Date of start of testing : 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 : Near Railway Gate / SRP Area
Parameter required : Ambient Noise


Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	65.0	57.6

Category of Zones	Leq in dB(A)	
	Day	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.
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



- 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.

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-14001:2015 CERTIFIED LABORATORY
ISO-43001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/AN/20250201/27	Date of Registration: 01.02.2025
Report No. SCS/HZL/AN/20250201/27	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 : 02.02.2025
Duration of sampling : 24 Hrs.
Type of Industry : Non-Ferrous Metal Industry
Name of Location : Near ETP Area
Parameter required : Ambient Noise

Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	60.5	56.9

Category of Zones	Leq in dB(A)	
	Day	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.
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



- 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.

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-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/AN/20250201/28	Date of Registration: 01.02.2025
Report No. SCS/HZL/AN/20250201/28	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 : 02.02.2025
Duration of sampling : 24 Hrs.
Type of Industry : Non-Ferrous Metal Industry
Name of Location : Near DG room Area
Parameter required : Ambient Noise

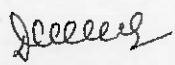
Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	60.7	52.2

Category of Zones	Leq in dB(A)	
	Day	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.
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



- 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.

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-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

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 : 01.02.2025
Date of start of testing : 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 : Near ZSD Main Gate Area
Parameter required : Ambient Noise

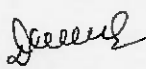
Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	66.7	62.4

Category of Zones	Leq in dB(A)	
	Day	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.
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



- 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.

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-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/AN/20250201/30	Date of Registration: 01.02.2025
Report No. SCS/HZL/AN/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 : 02.02.2025
Duration of sampling : 24 Hrs.
Type of Industry : Non-Ferrous Metal Industry
Name of Location : Near ZE Area
Parameter required : Ambient Noise

Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	72.5	65.0

Category of Zones	Leq in dB(A)	
	Day	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.
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



- 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.

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-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/AN/20250201/31	Date of Registration: 01.02.2025
Report No. SCS/HZL/AN/20250201/31	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 : 02.02.2025
Duration of sampling : 24 Hrs.
Type of Industry : Non-Ferrous Metal Industry
Name of Location : Near Weigh Bridge Area
Parameter required : Ambient Noise

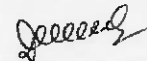
Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	64.4	57.5

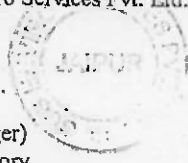
Category of Zones	Leq in dB(A)	
	Day	Night
Industrial	75	70
Commercial	65	55
Residential	55	45
Silence	50	40

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.
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



- 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.

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-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/AN/20250201/32	Date of Registration: 01.02.2025
Report No. SCS/HZL/AN/20250201/32	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 : 02.02.2025
Duration of sampling : 24 Hrs.
Type of Industry : Non-Ferrous Metal Industry
Name of Location : Near MCTP Entrance Area
Parameter required : Ambient Noise

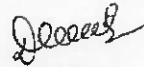
Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	64.0	55.0

Category of Zones	Leq in dB(A)	
	Day	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.
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



- 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.

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-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/AN/20250201/33	Date of Registration: 01.02.2025
Report No. SCS/HZL/AN/20250201/33	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 : 02.02.2025
Duration of sampling : 24 Hrs.
Type of Industry : Non-Ferrous Metal Industry
Name of Location : Near Roaster Area
Parameter required : Ambient Noise

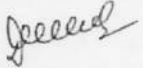
Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	69.6	65.7

Category of Zones	Leq in dB(A)	
	Day	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.
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



- 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.

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-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/AN/20250201/34	Date of Registration: 01.02.2025
Report No. SCS/HZL/AN/20250201/34	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 : 01.02.2025
Date of start of testing : 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 : Near Workshop Area
Parameter required : Ambient Noise

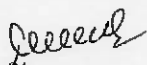
Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	62.3	50.1

Category of Zones	Leq in dB(A)	
	Day	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.
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



- 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.

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-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/AN/20250201/35	Date of Registration: 01.02.2025
Report No. SCS/HZL/AN/20250201/35	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 : 02.02.2025
Duration of sampling : 24 Hrs.
Type of Industry : Non-Ferrous Metal Industry
Name of Location : Near Solar Area
Parameter required : Ambient Noise

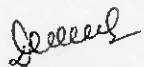
Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	55.2	48.5

Category of Zones	Leq in dB(A)	
	Day	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.
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



- 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.

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-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/AN/20250201/36	Date of Registration: 01.02.2025
Report No. SCS/HZL/AN/20250201/36	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 : 02.02.2025
Duration of sampling : 24 Hrs.
Type of Industry : Non-Ferrous Metal Industry
Name of Location : Near Hospital Area
Parameter required : Ambient Noise

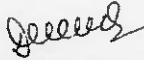
Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	55.0	44.6

Category of Zones	Leq in dB(A)	
	Day	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.
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



- 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.

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-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/AN/20250201/37	Date of Registration: 01.02.2025
Report No. SCS/HZL/AN/20250201/37	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 : 02.02.2025
Duration of sampling : 24 Hrs.
Type of Industry : Non-Ferrous Metal Industry
Name of Location : Near STP Area
Parameter required : Ambient Noise


Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	66.1	63.0

Category of Zones	Leq in dB(A)	
	Day	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.
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



- 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.

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-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/AN/20250201/38	Date of Registration: 01.02.2025
Report No. SCS/HZL/AN/20250201/38	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 : 02.02.2025
Duration of sampling : 24 Hrs.
Type of Industry : Non-Ferrous Metal Industry
Name of Location : Near Store
Parameter required : Ambient Noise

Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	59.6	48.4

Category of Zones	Leq in dB(A)	
	Day	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.
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



- 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.

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-14001:2015 CERTIFIED LABORATORY
ISO-45001:2018 CERTIFIED LABORATORY

Sample ID No.: SCS/AN/20250201/39	Date of Registration: 01.02.2025
Report No. SCS/HZL/AN/20250201/39	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 : 02.02.2025
Duration of sampling : 24 Hrs.
Type of Industry : Non-Ferrous Metal Industry
Name of Location : Near Leaching Area
Parameter required : Ambient Noise

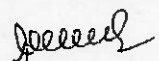
Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	72.5	69.2

Category of Zones	Leq in dB(A)	
	Day	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.
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



- 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.