

REGISTERED AD

HZL/SKM/ENV/2025-26/EC Comp/ 04/50

Date: 29/4/26

To,
The Deputy Director(s) / Scientist -C,
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office, Jaipur,
A-209 & 218, Aranya Bhawan, Mahatma Gandhi Road,
Jhalana Institutional Area, Jaipur (Raj.) – 304002.

Sub.: Half yearly EC compliance report of Sindesar Khurd Mine for the period of October 2025 to March 2026

Ref.: Environmental Clearance vide no. J-11015/7/2017-IA.II (M) dated 31.05.2018

Sir,

With reference to aforesaid subject and cited references, it is to inform that we are herewith submitting six monthly compliance report for the conditions stipulated in the Environment Clearances of Sindesar Khurd Mine for the period from **October 2025 to March 2026**.

The copy of above compliance report is also being sent in soft format through email to (roc.lko-mef@gov.in; m_env@rediffmail.com) for your kind perusal. Also copy of Sindesar Khurd Mine Environmental Compliance has been uploaded on company website <https://www.hzlindia.com/sustainability/environment-compliance/>

We trust that the measures taken towards environmental safeguards comply with the stipulated environmental conditions. We look forward to your further guidance which shall certainly help us in our endeavor to further improve our Environmental Management Practices.

Hope the above is in line with statutory requirements.

Thanking you,
Yours faithfully,

Sachin Deshmukh
Unit Head & Authorized Signatory
Sindesar Khurd Mines, HZL

Unit Head
Sindesar Khurd Mine
Hindustan Zinc Limited
P.O. Dariba-313211
Dist. Rajsamand (Raj.)

Copy to:

1. In-charge, (Zonal Office),
Central Pollution Control Board,
Parivesh Bhawan, Paryavaran Parisar,
E-5, Arera Colony, Bhopal (MP)-462016.
2. The Member Secretary,
Rajasthan State Pollution Control Board,
4th, Institutional Area, Jhalana Doongari,
Jaipur (Raj.) – 302004
3. Regional Officer,
Rajasthan State Pollution Control Board,
Old Building of District Excise Office,
Kalalwati, Rajnagar,
Rajsamand (Raj.)-313324.
4. Office Copy

Compliance Report of Environmental Clearance

Name of the Project: Sindesar Khurd Mine
(Hindustan Zinc Ltd.)
Village: Sindesar Khurd,
PO Dariba, Tehsil : Railmagra,
Dist.: Rajsamand. Rajasthan – 313211.

Clearance Letter No.: J-11015/7/2017-IA.II(M) dated 31.05.2018.

Period of Compliance: October 2025 to March 2026

Sr No	Condition	Compliance Status
A.	Specific Condition	
1	Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court of Rajasthan and any other Court of Law, if any, as may be applicable to this project.	Noted.
2	This Environmental Clearance is subject to obtaining requisite NBWL Clearance from the Standing Committee of National Board for Wildlife, if any, applicable for this Mining project.	Not Applicable for this Mining Project. Core & Buffer zone area of this project has no National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Tiger/Elephant Reserves. The copy of letter issued by Office of DFO. Rajsamand is enclosed as Annexure – I.
3	No mining activities will be allowed in forest area, if any, for which the Forest Clearance is not available.	Not applicable for this project, as all Mining Activities comes under Non-Forest Area.
4	The project proponent shall obtain Consent to Operate from the State Pollution Control Board, Rajasthan and effectively implement all the conditions stipulated therein.	Consent to Operate has been obtained from SPCB and compliance of the conditions given in same are being ensured.
5	The Proponent should install online Ambient Air Quality Monitoring System and there should be system for display of digital AAQ data within 03 months at least at three locations as per wind direction. Online provisions of pH and turbidity meters at discharge points of STP and ETP and also at water storage ponds in the mining area may be made. Project Proponent should display the result digitally in front of the main Gate of the mine site.	3 nos. online monitoring stations installed at site results of the same are being displayed at the main gate. Apart from this Monthly AAQ monitoring from 5 locations from core and buffer zone is being done. Provision to measure pH and turbidity at water ponds and display of the same at main gate has been made. Latest AAQ monitoring reports are attached here in Annexure -II.

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6	The Project Proponent has to take care of gullies formed on slopes. Dump mass should be consolidated with proper filling/levelling with the help of dozer/compactors. The report on slope and stability monitoring should be sent to MoEF&CC and its Regional office every six-months.	Regular monitoring of slope stability of waste dump mass is being done. The waste dump consolidation is being done by compactor and dozer on regular basis. The Survey of waste dump is carried out regularly and records maintained. Report of slope and stability monitoring is being submitted along with half year compliance report. Latest report is enclosed as Annexure - III .
7	The reclamation at waste dump sites shall be ecologically sustainable. Scientific reclamation has been followed. The local species may be encouraged and species are so chosen that the slope, bottom of the dumps and top of the dumps are able to sustain these species. The aspect of the dump is also a factor which regulates some climatic parameters and allows only species adopted to that micro climate. This may be recommended to be studied by hiring Expert Ecology Group.	At present waste dump is in active stage. On maturity of waste dump, it will be reclaimed in scientific manner. Waste rock generated from mining is being used for filling of mine voids. Waste remained during closure will be filled back in mine voids at the time of mine closure and scientific reclamation by plantation of suitable native species will be ensured at waste dump.
8	There is need for regular monitoring of invertebrates and aquatic life of water bodies including the reservoir located close to the mining lease to establish that fish and other animals including the water is not contaminated with heavy metal. There could be a research on "bio accumulation of heavy metals in invertebrates" to completely establish that there is no impact of mining.	Study for assessing impact of heavy metals on crop, vegetable, surface water, silt aquatic life etc. been conducted and Heavy metals are found within the limit. Regular monitoring/ study is being done. Copy enclosed as Annexure – IV .
9	A specialized Institution may be hired to carry out ecological survey on the plant species to evaluate their growth in terms of stunted, deformed and seed viability. The sensitive species and indicator species to heavy metal pollution may be screened out and plantation accordingly designed. Similarly, uptake of Zinc, Cadmium and lead etc. by crops and vegetables grown in the crop lands around the mining lease may be studied. Bottom sediment analysis of ponds, wells and Rivers to ascertain the level of accumulation of heavy metal may be done.	Ecological survey in the surrounding area has been carried out. No impact due to mining operation was observed. Regular monitoring/ study is being done. Copy enclosed as Annexure – IV .
10	The Proponent shall conduct an Occupational health study with respect to the pressure impact on ear drums as person goes underground and implement the recommendations.	Occupational Health Study of employees conducted & no impact has been observed irrespective of depth of working. Apart from this, all workers are also regularly

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		undergone through initial and periodical medical examinations.
11	Project Proponent shall carry out vibration studies well before approaching any such habitats or other buildings to evaluate the zone of influence and impact of blasting on the neighbourhood. Within 500 meters of such sites vulnerable to blasting vibrations, avoidance of use of explosives and adoption of alternative means of mineral extraction. A provision for monitoring of each blast should be made so that the impact of blasting on nearby habitation and dwelling units could be ascertained. The covenant of lease deed under Rule 31 of MCR 1960 provides that no mining operations shall be carried out within 50 meters of public works such as public roads and buildings or inhabited sites except with the prior permission from the Competent Authority.	Blast design is being done as per recommendations of CIMFR keeping public infrastructure in view. Due care is taken in designing the blast, optimizing the explosives, selection of detonators and delay to ensure safe vibration limit on surface. Vibration study for each blast is being carried out regularly by CSIR-CIMFR, Dhanbad.
12	Main haulage road in the mine should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers. The material transfer points should invariably be provided with Bag filters and or dry fogging system. Belt-conveyors should be fully covered to avoid air borne dust; Use of effective sprinkler system to suppress fugitive dust on haul roads and other transport roads shall be ensured.	Being complied, Permanent water sprinkler is provided for main haulage road. Transfer points, loading and unloading points of Ores and roads is being ensured. Dust Extraction systems have been installed in Crushers. All the conveyors are covered to minimise the dust emission. Heavy duty road sweepers are deployed permanently, and regular road sweeping is being ensured. Avenue plantation along with roads and other areas of mines ensured to mitigate impact of dust. Network of conveyors has been established and shaft has been commissioned, installation of additional crusher in underground is ensured to reduce vehicle movement for Ore movement and dust emission due to vehicle movement.
13	The monitoring of PM 2.5 in the vehicle emission shall be conducted to improve the mine environment and report submitted to the Regional Office of the MoEF & CC.	We are exploring possibility of monitoring the same. We have also submitted request for exemption of this condition to MoEF&CC by our letter No. SKM/ENV/2020/02/396 dated

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		19.02.2020. Copy enclosed as Annexure – V.
14	Project proponent shall compensate all 581 identified families for land and construction cost, i.e. 3 times of DLC rate for land and 3 times of PWD rate for construction will be provided. Rehabilitation site with construction of roads, community centre, school, hospital and other infrastructures will be provided. The PP has confirmed that equal land will be given as a part of displacement.	The Sindesar Khurd village R&R is currently being undertaken by the district administration and is currently underway. The administration has completed conduct of Public Hearing to discuss draft SIA report. The process of forming a multidisciplinary expert committee to examine the final SIA report has been initiated by District Collector
15	Implementation of conservation of all Schedule-I species as per revised plan submitted to DFO-Rajsamand for approval vide letter no. SKM/ENV/DFO/2018/01 dated 09.01.2018 with budgetary provision of Rs. 2 Crore. The Proponent shall implement the Wildlife Conservation Plan along with the funds so allocated with consultation of Chief Wild Life Warden of the State Govt. A copy of action plan shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office, Lucknow and the Chief Wildlife Warden of the State Govt.	As per the direction received from DCF Rajsamand dated 14.06.2024 and as per the revised SOP for WLCP, we have revised the WLCP. Total 210.2 Lakhs administrative fee submitted for the approval of WLCP into RPACS account. Final approval is under process further implementation. Copy of forwarding letter is enclosed as Annexure- VI.
16	Implementation of action plan on remedial and preventive actions for lead contamination on human health for the community in consultation with experts with budgetary provisions of Rs 50 Lakhs for conducting various programs in connection to Lead.	Action plan has been made. Awareness programs conducted. In addition to this, High capacity (1500 Liter/Hr) community ROs have been installed at Kothdi, Mehanduriya, Kabra, Gawardi, Rajpura and Raimagra villages. These community RO are further having a distribution network of 16 Water ATMs in surrounding villages, which are provided for meeting the safe drinking water requirement of surrounding villages/ community.
17	PP shall run an awareness campaign on sanitation for women and utilization of Sanitary Napkin and also to distribute the Sanitary Napkin/pads to the women and provide the training for proper disposal.	Being Complied.
18	Implementation of Action Plan on the issues raised during the Public Hearing shall be ensured. The Project Proponent	Actions are being taken as per action plan.

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	shall complete all the tasks as per the Action Plan submitted with budgetary provisions during the Public Hearing.	
19	Implementation of the outcome of study with regard to "optimization of blast design parameter for the safety and stability of surface structures and subsequent monitoring of vibration on the surface structures for their long-term stability" which was carried out by Central Institute of Mining and Fuel Research should be ensured.	Blast design Study by CSIR-CIMFR and implementation of outcomes are being ensured.
20	Continuous monitoring of radioactive elements, if any, shall be undertaken till entire mine is dewatered and report has to be submitted to MoEFCC Regional Office. Periodic monitoring of any adverse impact of Radon and its daughter products on any worker should be included in the Occupational Health Monitoring Programme.	Being complied, Monitoring of radioactive elements is being ensured and Periodic monitoring of persons is also being done. The report of the same is being submitted along with half yearly compliance report. Copy of latest report is attached here as Annexure - VII .

B.	Standard conditions.	
1	A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment, Forest and Climate Change 5 years in advance of final mine closure for approval.	Noted and shall be complied as of now, Mine is in operation. Shall be ensured before closure.
2	No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment, Forest and Climate Change.	Being Complied, Work is being done as per Mine plan approved by IBM.
3	No change in the calendar plan including excavation, quantum of mineral and waste should be made.	No change is being done without prior approval.
4	The project proponent shall obtain necessary prior permission of the competent authorities for withdrawal of requisite quantity of water (surface water and ground water) for the project.	No ground water withdrawal is being done. HZL has established STP to treat the sewage of Udaipur City and treated water from the same is main source of water for mining process and HZL has agreement with State government for Matrikundia Dam water. NOC for dewatering has been accorded by CGWA for 395 KLD (Copy enclosed as Annexure - VIII).
5	Mining shall be carried out as per the provisions outlined in mining plan approved by Indian Bureau of Mines (IBM) as well as by abiding to the guidelines of Directorate General Mines Safety (DGMS).	Mining operations are being ensured as per mine plan approved by IBM and DGMS guidelines.

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6	The lands which are not owned by Proponent, mining will be carried out only after obtaining the consents from all the concerned land owners as per the provisions of the Mineral Concession Rules, 1960 and MMDR Act, 1957.	The same will be ensured. At present mining is being ensured within specified and approved area.
7	Digital processing of the entire lease area using remote sensing technique shall be carried out regularly once in three years for monitoring land use pattern and report submitted to Ministry of Environment, Forest and Climate Change its Regional Office.	The latest digital mapping by remote sensing technique for monitoring of land use pattern of entire mine lease area has been conducted during September 2024. (Copy enclosed as Annexure - IX).
8	The critical parameters as per the Notification 2009 such as PM10, PM2.5, NOx and SOx etc. in the ambient air within the impact zone, peak particle velocity at 300m distance or within the nearest habitation, whichever is closer shall be monitored periodically. Further, quality of discharged water shall also be monitored [(TDS, DO, PH and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The circular No. J- 20012/1/2006-IA. II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.	Being Complied, Our Mine is underground mine. However, all said parameters with peak particle velocity are being monitored. Zero discharge is maintained by Recycling in operations. All the Data as per the circular No. J- 20012/1/2006-IA. II (M) dated 27.05.2009 is being displayed on company website and Ambient Air Monitoring data of online monitoring stations is being displayed at main gate.
9	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM10 and PM2.5 such as haul road, loading and unloading point and transfer points. Fugitive dust emissions from all the sources shall be controlled regularly. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board.	Being Complied, 3 nos. online monitoring stations installed at site results of the same are being displayed at the main gate. Apart from this Monthly AAQ monitoring from 5 locations from core and buffer zone is being done as per AAQ notification 2009. Water sprinkling on loading and unloading points, transfer points is being done. Permanent water sprinklers are provided at Crushers with venturi spray. Haul roads are being wetted through mobile water sprinkler. Conveyors are covered. Transfer points have dust control system. In addition to above, sprinkling of water through tanker with special reagent to suppress the dust on haul road areas by increasing moisture

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		for settling of dust is being ensured. Photo enclosed as Annexure – X .
10	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease by establishing a network of existing wells and constructing new piezometers during the mining operation. The project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations. The monitoring shall be carried out four times in a year pre- monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board.	Being Complied. No natural water course is flowing through mining lease hence no such obstruction is done due to mining operations. Network has been established to monitor ground water in and around the mines. Regular monitoring is being carried out and reports are submitted to respective regulatory departments with periodical compliance reports. Copy of monitoring reports are enclosed as Annexure – XI .
11	Regular monitoring of the flow rate of the springs and perennial nallahs flowing in and around the mine lease shall be carried out and records maintain. The natural water bodies and or streams which are flowing in an around the village, should not be disturbed. The Water Table should be nurtured so as not to go down below the pre-mining period. In case of any water scarcity in the area, the Project Proponent has to provide water to the villagers for their use. A provision for regular monitoring of water table in open dug wall located in village should be incorporated to ascertain the impact of mining over ground water table.	Being Complied, No natural water bodies or streams flowing in and around village is disturbed. Network has been established to monitor ground water table in and around the mines and regular monitoring is being carried out. Water supply to some villages is being done. The same will be expanded during scarcity.
12	Regular monitoring of water quality upstream and downstream of water bodies shall be carried out and record of monitoring data should be maintained and submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority, Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board.	Complied, Regular monitoring is carried out & reports are being submitted. Copy enclosed as Annexure – XI .
13	Transportation of the minerals by road passing through the village shall not be allowed. A 'bypass' road should be constructed (say, leaving a gap of at least 200 meters) for the purpose of transportation of the minerals so that the Impact of sound, dust and accidents could be mitigated. The project proponent shall bear the cost towards the widening and strengthening of existing public road network in case the same is proposed to be used for the Project. No road movement should be allowed on existing village road network without appropriately increasing the carrying capacity of such roads.	Ore produced from the mines is being treated in Ore beneficiation plant available in the same premises. Necessary precautions are being taken care to minimise impact due to transportation of minerals. Avenue plantation in both sides of roads is developed and PUC certificates for all vehicles are being ensured. All transportation vehicles are covered by tarpaulin. Special safety trainings are being imparted to all drivers with reference to our HZLs internal safety standard "Vehicle and Driving

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		Safety". Water sprinkling is being done on the haul roads for dust suppression. Noise is being controlled by equipment designing stage. Widening of road outside mine area has been done.
14	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours.	Majority of the mining operations are being done in day time. Illumination is being maintained as such way that there will not be any impact on surrounding villages. Mask lights are established accordingly. Monitoring of noise (Day/Night) is being done. Copy enclosed as Annexure - XII . Necessary precaution is taken during taken during equipment design stage to minimise the impact of noise. DG sets and other equipment's are ensured with Acoustic enclosure and others are located in closed shed to minimise the impact of noise in surrounding.
15	Main haulage road in the mine should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers. The material transfer points should invariably be provided with Bag filters and or dry fogging system. In case of Belt-conveyors facilities the system should be fully covered to avoid air borne dust; Use of effective sprinkler system to suppress fugitive dust on haul roads and other transport roads shall be ensured.	Being Complied, Permanent water sprinklers are provided at main haul road ,Crushers and conveyors. Conveyors are covered. Transfer points have dust control system. Plantation is done to minimise the impact of dust.
16	Sufficient number of Gullies to be provided for better management of water. Regular Monitoring of pH shall be included in the monitoring plan and report shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office on six monthly basis.	Our Mine is underground mine. Network of Drains and ponds are provided to collect surface run-off from dump and other areas in mine premises. It also avoids flow of sediments directly natural water bodies. Water is being recycled after necessary precaution of settling of silt material connected through retaining wall / garland drain and desiltation pit.
17	There shall be planning, developing and implementing facility of rainwater harvesting measures on long term basis and implementation of conservation measures to augment ground water resources in the area in consultation with Central Ground Water Board.	Deepening of village 8 village ponds and construction of 4 anicuts has been done in different phases to improve water conservation by creating additional volume of 3.88 lakh M3. Copy of photo attached as Annex - XIII .

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18	The Project Proponent has to take care of gullies formed on slopes. Dump mass should be consolidated with proper filling/levelling with the help of dozer/compactors.	Regular monitoring of slope stability of waste dump mass is being done. The waste dump consolidation is being done by compactor and dozer on regular basis. The Survey of waste dump is carried out regularly and records maintained. Drain with ponds are provided to collect water. Report of slope and stability monitoring is being submitted along with half year compliance report. Latest report is enclosed as Annex-III .
19	The reclamation at waste dump sites shall be ecologically sustainable. Scientific reclamation shall be followed. The local species may be encouraged and species are SO chosen that the slope, bottom of the dumps and top of the dumps are able to sustain these species. The aspect of the dump is also a factor which regulates some climatic parameters and allows only species adopted to that micro climate.	Noted and shall be complied. At present waste dump is in active stage. On maturity, inactive waste dump will be reclaimed in scientific manner. Waste rock generated from mining is being used for filling of mine voids and being used in construction work of height raising in tailing dam. Waste remained during closure will be filled back in mine voids at the time of mine closure and scientific reclamation by plantation of suitable species will be ensured at waste dump.
20	The top soil, if any, shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only and it should not be kept active for a long period of time. The maximum height of the dumps shall not exceed 60m and width 20 m and overall slope of the dumps shall be maintained to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The entire excavated area shall be backfilled and afforested. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office on six monthly basis.	Being underground mine and is in operation. No top soil removal is envisaged. However necessary precautions will take care for the same. At present waste dump is in active stage. Prescribed height, width and angle is being maintained. Inactive waste dump will be reclaimed in scientific manner. Waste rock generated from mining is being used for filling of mine voids. Waste remained during closure will be filled back in mine voids at the time of mine closure voids at the time of mine closure and scientific reclamation by plantation of suitable species will be ensured at waste dump.
21	Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments	No natural watercourse is obstructed during mining operations. Catch drains for mine working and mineral

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	directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly. The drains, settling tanks and check dams of appropriate size, gradient and length shall be constructed both around the mine pit and over burden dumps to prevent run off of water and flow of sediments directly into the river and other water bodies and sump capacity should be designed keeping 50 safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and desilted at regular intervals.	dump provided to prevent water run-off and flow of sediments directly natural water bodies. Water is being recycled after necessary precaution of settling of silt material through retaining wall /garland drain and desiltation pit. Zero liquid discharge is being ensured.
22	Plantation shall be raised in a 7.5m wide green belt in the safety zone around the mining lease, backfilled and reclaimed area, around water body, along the roads etc. by planting the native species in consultation with the local DFO/Agriculture Department and as per CPCB Guidelines. The density of the trees should be around 2500 plants per ha. Greenbelt shall be developed all along the mine lease area in a phased manner and shall be completed within first five years.	The plantation has been carried out of species as per guidance from DFO for available areas to make green belt. Till date 1,14,670 Nos of plants have been planted within mine lease to cover more than 33% area under plantation. Total 1563 Nos of new plants have been planted during FY 2025-26. Further, system of gap filling plantation against plant mortality is in place. Majorly planted species are Cassia Siamea, neem (Azadirachta indica), Saptparni (Alstonia Scholaris), karanj (Ficus Pinnata), Silver oak, Shisham, Ber (Ziziphus mauritiana), Kachnar, dhaak (Butea monosperma), Amaltas (cassia fistula), Bauhnia (Bauhnia purpurea), etc.
23	Project Proponent shall follow the mitigation measures provided in Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", if any, applicable to the project.	All the requirement of said office memorandum is already covered in various condition of this Environment Clearance letter. Accordingly, compliance status is also given for each condition.
24	The Project Proponent shall make necessary alternative arrangements, where required, in consultation with the State Government to provide alternate areas for livestock grazing, if any.	No livestock grazing or acquisition of grazing land is envisaged. Hence Not Applicable.

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	In this context, Project Proponent should implement the directions of the Hon'ble Supreme Court with regard to acquiring grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded against felling and plantation of such trees should be promoted.	
25	The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna, if any, spotted in the study area. Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with the State Forest and Wildlife Department. A copy of action plan shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office.	Precautionary measures are being taken care for conservation & protection of Biodiversity by various initiatives. As per the direction received from DCF Rajsamand dated 14.06.2024 and as per the revised SOP for WLCP, we have revised the WLCP, and Total 210.2 Lakhs administrative fee submitted for the approval of WLCP into RPACS account. And Final approval is under process for further implementation. Copy of forwarding letter is enclosed as Annexure- VI .
26	As per the Company Act, the CSR cost should be 2 % of average net profit of last three years. Hence CSR expenses should be as per the Company Act/Rule for the Socio Economic Development of the neighbourhood Habitats which could be planned and executed by the Project Proponent more systematically based on the 'Need based door to door survey' by established Social Institutes/Workers. The report shall be submitted to the Ministry of Environment, Forest and Climate Change and Its Regional Office on six monthly basis.	Being Complied, Dedicated team is available at location to implement the CSR projects identified based on survey conducted by reputed organizations. Progress and quality of Implementation of the same is being is being verified in defined frequency by agency appointed by corporate office. Latest highlights of CSR activity is attached as Annexure – XIV .
27	The Ministry has issued a circular vide no. 22-65/2017-IA.III, dated 1st May 2018 on Corporate Environment Responsibility (CER). Accordingly, PP shall comply the circular w.r.t. details of budget and its activities.	Noted and being complied with.
28	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Being Complied, As per our safety policy, we do not provide accommodation for housing at the site. The same is being provided away from the site by our projects contractors with all necessary infra structures. Also infrastructures like Bio-Toilets, safe drinking water and medical health care is being ensured at site.

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29	Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.	Being Complied, Necessary measures have been taken to control the noise levels below 85 dBA. All DGs are having acoustic enclosure. Other noise generating equipment's are placed in closed building in isolated. PPEs including ear plugs/muffs are provided to workers engaged in operations of HEMM, etc.
30	Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluent.	Mine water is reused in operations. Oil and grease trap systems provided in workshop and water is being reused for further operations. Treatment and Quality of the same is being ensured as per prescribed standard.
31	Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.	Being Complied, Job and area specific Training with necessary information to all employees is being imparted in regular intervals and PPEs are also provided.
32	A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.	Complied, Separate Environmental Management Cell is in place.
33	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office.	Sufficient Fund is being allocated for Environment protection for every financial year and not been diverted for other purpose. Following is the detail of environmental Expenditure for years: 2021-22 was Rs. 3,23,51,588/- 2022-23 was Rs. 2,17,79,658/- 2023-24 was Rs. 2,32,47,896/- 2024-25 was Rs. 3,03,72,900/- 2025-26 was Rs. 3,08,70,190/-
34	The project authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Being complied, expansion project, all approvals are in place.
35	The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment, Forest and Climate Change, its Regional Office, Central Pollution Control Board and State Pollution Control Board.	Being Complied, Half yearly reports are being submitted regularly within prescribed time. Copy of cover letter of previous compliance report

Compliance Report of Environmental Clearance

		HZL/SKM/ENV/2025/EC Comp/11/115 dated 28.11.2025 is enclosed as Annexure – XV .
36	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.	Noted for Compliance.
37	A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal.	Complied, Letter has been sent to local panchayat on 04 June 2018.
38	State Pollution Control Board should display a copy of the clearance letter at the regional office, District Industry Centre and Collector's office/ Tehsildar's Office for 30 days.	Noted.
39	The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment, Forest and Climate Change at www.environmentclearance.nic.in and a copy of the same should be forwarded to the Regional Office.	Complied, Published on 06.06.2018 in Rajasthan Patrika & Danik Bhaskar Rajsamand Edition. Copy of the same has been already submitted to MoEF&CC along half yearly EC compliance report. Copy enclosed as Annexure – XVI .
16	The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Noted and shall be complied
17	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.	Noted.
18	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Rajasthan and any other Court of Law relating to the subject matter.	Noted and shall be complied
19	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a	Noted.

Compliance Report of Environmental Clearance

	period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	
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Annexure-1

कार्यालय उप वन संरक्षक, राजसमन्द

Sadhna Sikhar Road, Rajsamand Phone & Fax No. 02952-220096 Email- dcf.rjsmnd.forest@rajasthan.gov.in

क्रमांक: पत्रा () सर्वे/उवस/2017-18/

3721

दिनांक: 22-9-17

निमित्त :-

यूनिट हेड
सिन्देसर खुर्द माईन
हिन्दुस्तान जिंक लि०
जिला राजसमन्द।

विषय :- Certificate for Non-involvement of National Park, Sanctuary, Biosphere Reserve, Wild life corridor, Tiger/Elephant Reserves in Core and Buffer Zone. (10 km radius of Sindesar Khurd Mine, M.L. No. 07/95)

संदर्भ :- आपका पत्रांक HZL/SKM/Env/2017/08/42 Date : 29.08.2017 के कम में।

उपरोक्त विषयान्तर्गत संदर्भित पत्र में वर्णित एम.एल. नम्बर 07/95 सिन्देसर खुर्द माईन के चारो तरफ 10 किमी० की परिधि में National Park, Sanctuary, Biosphere Reserve, Wild life corridor, Tiger/Elephant Reserves in Core and Buffer Zone क्षेत्र नहीं पड़ता है।


(कुमार स्वामी गुप्ता)
उप वन संरक्षक
राजसमन्द

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/20251016/02	Date of Registration: 16.10.2025
Report No. SCS/HZL-SKM/AAQ/20251016/02	Date of Report: 27.10.2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 16.10.2025
Date of start of testing : 18.10.2025
Date of end of testing : 27.10.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 25°00'06.74"N
74°08'42.65"E
Ambient Temperature : 28.6°C
Name of Location : Near Encline Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, CO

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	126.5 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	66.7 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	40.3 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	8.2 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	14.7 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Carbon Monoxide (CO)	1,031 µg / m ³	2,000 µg / m ³	SCS/SOP/AAQ/013
Lead (Pb)	0.25 µg / m ³	1 µg / m ³	IS 5182 (Part 22)

Per pro SCS Enviro Services Pvt. Ltd.,

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



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**SCS ENVIRO SERVICES PRIVATE LIMITED**

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

**TC-13363**

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

Sample ID No.: SCS/AAQ/20251016/03	Date of Registration: 16.10.2025
Report No. SCS/HZL-SKM/AAQ/20251016/03	Date of Report: 27.10.2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 16.10.2025
Date of start of testing : 18.10.2025
Date of end of testing : 27.10.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 25°00'23.32"N
74°08'50.84"E
Ambient Temperature : 28.8°C
Name of Location : Near Mine Boundary in NW Direction Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, Pb

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	119.4 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	63.3 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	38.5 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	7.7 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	12.8 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Carbon Monoxide (CO)	916 µg / m ³	2,000 µg / m ³	SCS/SOP/AAQ/013
Lead (Pb)	0.20 µg / m ³	1 µg / m ³	IS 5182 (Part 22)

Per pro SCS Enviro.Services Pvt. Ltd.,


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



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Sample ID No.: SCS/AAQ/20251016/04	Date of Registration: 16.10.2025
Report No. SCS/HZL-SKM/AAQ/20251016/04	Date of Report: 27.10.2025

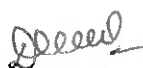
AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 16.10.2025
Date of start of testing : 18.10.2025
Date of end of testing : 27.10.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of : 25°02'09.54"N
the Location : 74°09'21.39"E
Ambient Temperature : 28.9°C
Name of Location : Near Bamania Kalan Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, Pb

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	97.5 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	61.8 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	37.2 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	7.3 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	11.6 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Carbon Monoxide (CO)	916 µg / m ³	2,000 µg / m ³	SCS/SOP/AAQ/013
Lead (Pb)	0.17 µg / m ³	1 µg / m ³	IS 5182 (Part 22)

Per pro SCS Enviro Services Pvt. Ltd.,


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



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Sample ID No.: SCS/AAQ/20251016/05	Date of Registration: 16.10.2025
Report No. SCS/HZL-SKM/AAQ/20251016/05	Date of Report: 27.10.2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 16.10.2025
Date of start of testing : 18.10.2025
Date of end of testing : 27.10.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of : 25°00'14.59"N
the Location : 74°08'36.65"E
Ambient Temperature : 29.0°C
Name of Location : Near Sindesar Khurd Village Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, Pb

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	110.2 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	62.8 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	38.0 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	7.8 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	11.7 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Carbon Monoxide (CO)	916 µg / m ³	2,000 µg / m ³	SCS/SOP/AAQ/013
Lead (Pb)	0.14 µg / m ³	1 µg / m ³	IS 5182 (Part 22)

Per pro SCS Enviro Services Pvt. Ltd.,


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



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Sample ID No.: SCS/AAQ/20251016/06	Date of Registration: 16.10.2025
Report No. SCS/HZL-SKM/AAQ/20251016/06	Date of Report: 27.10.2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 17.10.2025
Date of start of testing : 19.10.2025
Date of end of testing : 27.10.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 24°57'30.08"N
74°08'49.15"E
Ambient Temperature : 29.3°C
Name of Location : Near Tailing Dam Pump House Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, Pb

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	117.2 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	70.1 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	41.6 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	7.9 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	12.0 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Carbon Monoxide (CO)	1,145 µg / m ³	2,000 µg / m ³	SCS/SOP/AAQ/013
Lead (Pb)	0.30 µg / m ³	1 µg / m ³	IS 5182 (Part 22)

Per pro SCS Enviro Services Pvt. Ltd.,


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



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**SCS ENVIRO SERVICES PRIVATE LIMITED**

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

**TC-13363**

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

Sample ID No.: SCS/AAQ/20251016/07	Date of Registration: 16.10.2025
Report No. SCS/HZL-SKM/AAQ/20251016/07	Date of Report: 27.10.2025

AMBIENT AIR QUALITY MONITORING REPORT

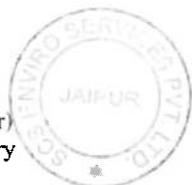
Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 17.10.2025
Date of start of testing : 19.10.2025
Date of end of testing : 27.10.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of : 24°58'17.06 "N
the Location : 74°07'58.72"E
Ambient Temperature : 29.5°C
Name of Location : Near Rajpura Village
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, Pb

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	132.1 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	75.6 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	45.3 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	11.2 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	18.5 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Carbon Monoxide (CO)	1,260 µg / m ³	2,000 µg / m ³	SCS/SOP/AAQ/013
Lead (Pb)	0.34 µg / m ³	1 µg / m ³	IS 5182 (Part 22)

Per pro SCS Enviro Services Pvt. Ltd.,


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



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**SCS ENVIRO SERVICES PRIVATE LIMITED**

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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/20251117/32	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AAQ/20251117/32(1/2)	Date of Report: 29.11.2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 17.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 25°00'06.84"N
74°08'42.65"E
Ambient Temperature : 24.3°C
Name of Location : Near Encline Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, O₃, CO, NH₃, Pb, Ni, Benzene, B(α)P

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	120.4 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	69.1 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	42.5 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	8.6 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	14.2 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Ozone (O ₃)	52.0 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)	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)
Nickel (Ni)	1.28 ng / m ³	20 ng / m ³	IS 5182 (Part 26)
Benzene (C ₆ H ₆)	< 1.0 µg / m ³	5 µg / m ³	IS 5182 (Part 11)
Benzo(α)Pyrene (BaP)	< 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
Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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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/20251117/32	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AAQ/20251117/32(2/2)	Date of Report: 29.11.2025

AMBIENT AIR QUALITY MONITORING REPORT

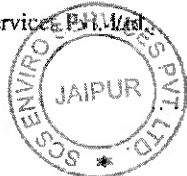
Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 17.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinate of the : 25°00'06.84"N
Location : 74°08'42.65"E
Ambient Temperature : 24.3°C
Name of Location : Near Encline 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



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Sample ID No.: SCS/AAQ/20251117/33	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AAQ/20251117/33(1/2)	Date of Report: 29.11.2025

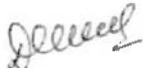
AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 17.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 25°00'23.57"N
74°08'50.50"E
Ambient Temperature : 25.2°C
Name of Location : Near Mine Boundary in NW Direction Area
Parameter required : SPM, 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
Suspended Particulate Matter	126.3 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	66.5 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	40.2 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	7.9 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	12.8 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Ozone (O ₃)	48.0 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)	43.0 µg / m ³	400 µg / m ³	IS 5182 (Part 25)
Lead (Pb)	0.22 µg / m ³	1 µg / m ³	IS 5182 (Part 22)
Nickel (Ni)	0.80 ng / m ³	20 ng / m ³	IS 5182 (Part 26)
Benzene (C ₆ H ₆)	< 1.0 µg / m ³	5 µg / m ³	IS 5182 (Part 11)
Benzo(a)Pyrene (BaP) Particulate phase only	< 1.0 ng / m ³	1 ng / m ³	IS 5182 (Part 12)

Per pro SCS Enviro Services Pvt. Ltd.,


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



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

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

Sample ID No.: SCS/AAQ/20251117/33	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AAQ/20251117/33(2/2)	Date of Report: 29.11.2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 17.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinate of the : 25°00'23.57"N
Location : 74°08'50.50"E
Ambient Temperature : 25.2°C
Name of Location : Near Mine Boundary in NW Direction 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



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Sample ID No.: SCS/AAQ/20251117/34	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AAQ/20251117/34(1/2)	Date of Report: 29.11.2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 17.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of : 25°02'09.50"N
the Location : 74°09'21.41"E
Ambient Temperature : 25.7°C
Name of Location : Near Bamania Kalan Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, O₃, CO, NH₃, Pb, Ni, Benzene, B(α)P

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	105.5 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	63.3 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	38.1 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	7.5 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	12.4 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Ozone (O ₃)	47.0 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)	42.0 µg / m ³	400 µg / m ³	IS 5182 (Part 25)
Lead (Pb)	0.18 µg / m ³	1 µg / m ³	IS 5182 (Part 22)
Nickel (Ni)	0.65 ng / m ³	20 ng / m ³	IS 5182 (Part 26)
Benzene (C ₆ H ₆)	< 1.0 µg / m ³	5 µg / m ³	IS 5182 (Part 11)
Benzo(α)Pyrene (BaP)	< 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



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Sample ID No.: SCS/AAQ/20251117/34	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AAQ/20251117/34(2/2)	Date of Report: 29.11.2025

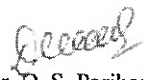
AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 17.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinate of the : 25°02'09.50"N
Location : 74°09'21.41"E
Ambient Temperature : 25.7°C
Name of Location : Near Bamania Kalan 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



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**SCS ENVIRO SERVICES PRIVATE LIMITED**

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

**TC-13363**

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

Sample ID No.: SCS/AAQ/20251117/35	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AAQ/20251117/35(1/2)	Date of Report: 29.11.2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 17.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 25°00'14.69"N
74°08'36.21"E
Ambient Temperature : 25.9°C
Name of Location : Near Sindesar Khurd Village Area
Parameter required : SPM, 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
Suspended Particulate Matter	110.5 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	65.2 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	39.0 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	8.0 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	12.2 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Ozone (O ₃)	46.0 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)	44.0 µg / m ³	400 µg / m ³	IS 5182 (Part 25)
Lead (Pb)	0.19 µg / m ³	1 µg / 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.

[Signature]
Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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Sample ID No.: SCS/AAQ/20251117/35	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AAQ/20251117/35(2/2)	Date of Report: 29.11.2025

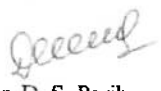
AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 17.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinate of the : 25°00'14.69"N
Location : 74°08'36.21"E
Ambient Temperature : 25.9°C
Name of Location : Near Sindesar Khurd Village 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



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Sample ID No.: SCS/AAQ/20251117/36	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AAQ/20251117/36(1/2)	Date of Report: 29.11.2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 24°57'30.02"N
74°08'49.13"E
Ambient Temperature : 24.6°C
Name of Location : Near Tailing Dam Pump House Area
Parameter required : SPM, 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
Suspended Particulate Matter	114.4 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	62.6 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	38.0 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	7.3 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	10.9 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Ozone (O ₃)	52.0 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)	46.0 µg / m ³	400 µg / m ³	IS 5182 (Part 25)
Lead (Pb)	0.23 µg / m ³	1 µg / m ³	IS 5182 (Part 22)
Nickel (Ni)	0.86 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



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SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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

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

Sample ID No.: SCS/AAQ/20251117/36	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AAQ/20251117/36(2/2)	Date of Report: 29.11.2025

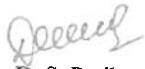
AMBIENT AIR QUALITY MONITORING REPORT

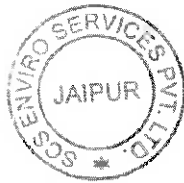
Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinate of the : 24°57'30.02"N
Location : 74°08'49.13"E
Ambient Temperature : 24.6°C
Name of Location : Near Tailing Dam Pump House 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



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Sample ID No.: SCS/AAQ/20251117/37	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AAQ/20251117/37(1/2)	Date of Report: 29.11.2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 24°58'17.05 "N
74°07'58.64"E
Ambient Temperature : 25.0°C
Name of Location : Near Rajpura Village
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x O₃, CO, NH₃, Pb, Ni, Benzene, B(α)P

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	132.0 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	74.1 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	44.0 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	11.0 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	17.8 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Ozone (O ₃)	65.0 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)	56.0 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)	1.98 ng / m ³	20 ng / m ³	IS 5182 (Part 26)
Benzene (C ₆ H ₆)	< 1.0 µg / m ³	5 µg / m ³	IS 5182 (Part 11)
Benzo(α)Pyrene (BaP)	< 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



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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/20251117/37	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AAQ/20251117/37(2/2)	Date of Report: 29.11.2025

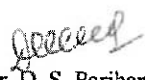
AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinate of the : 24°58'17.05 "N
Location : 74°07'58.64"E
Ambient Temperature : 25.0°C
Name of Location : Near Rajpura Village
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



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ITS TESTING LABORATORY PRIVATE LIMITED

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)

(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)

Website: www.itslab.in, Email: itrlclab@gmail.com, info@itslab.in, contact@itslab.in

+91 9911659800, 9305780312, 09958849764

Report Code : AAQ-261225-17

Issue Date : 30/12/2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 22.12.2025
Date of start of testing : 26.12.2025
Date of end of testing : 30.12.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 25°00'06.86"N
74°08'42.65"E
Ambient Temperature : 23.1°C
Name of Location : Near Encline Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, Pb

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	104.2 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	70.6 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	42.1 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	10.9 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	17.2 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Carbon Monoxide (CO)	1,145 µg / m ³	2,000 µg / m ³	ITS/SOP/AAQ/013
Lead (Pb)	0.30 µg / m ³	1 µg / m ³	IS 5182 (Part 22)

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ITS TESTING LABORATORY PRIVATE LIMITED

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Website: www.itslab.in, Email: itrlclab@gmail.com, info@itslab.in, contact@itslab.in

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Report Code : AAQ-261225-18

Issue Date : 30/12/2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 22.12.2025
Date of start of testing : 26.12.2025
Date of end of testing : 30.12.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 25°00'23.55"N
74°08'50.48"E
Ambient Temperature : 23.3°C
Name of Location : Near Mine Boundary in NW Direction Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, Pb

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	110.5 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	72.0 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	44.0 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	8.5 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	17.3 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Carbon Monoxide (CO)	1,260 µg / m ³	2,000 µg / m ³	ITS/SOP/AAQ/013
Lead (Pb)	0.34 µg / m ³	1 µg / m ³	IS 5182 (Part 22)

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Report Code : AAQ-261225-19

Issue Date : 30/12/2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 22.12.2025
Date of start of testing : 26.12.2025
Date of end of testing : 30.12.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 25°00'14.66"N
74°08'36.18"E
Ambient Temperature : 22.5°C
Name of Location : Near Sindesar Khurd Village Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, Pb

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	108.2 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	76.3 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	45.1 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	8.4 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)
Carbon Monoxide (CO)	1,145 µg / m ³	2,000 µg / m ³	ITS/SOP/AAQ/013
Lead (Pb)	0.31 µg / m ³	1 µg / m ³	IS 5182 (Part 22)

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Report Code : AAQ-261225-20

Issue Date : 30/12/2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 22.12.2025
Date of start of testing : 26.12.2025
Date of end of testing : 30.12.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 25°02'09.80"N
74°09'21.48"E
Ambient Temperature : 22.6°C
Name of Location : Near Bamania Kalan Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, Pb

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	95.8 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	65.2 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	39.5 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)	12.5 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Carbon Monoxide (CO)	916 µg / m ³	2,000 µg / m ³	ITS/SOP/AAQ/013
Lead (Pb)	0.20 µg / m ³	1 µg / m ³	IS 5182 (Part 22)

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Report Code : AAQ-261225-21

Issue Date : 30/12/2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 23.12.2025
Date of start of testing : 26.12.2025
Date of end of testing : 30.12.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 24°57'30.06"N
74°08'49.13"E
Ambient Temperature : 22.8°C
Name of Location : Near Tailing Dam Pump House Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, Pb

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	120.0 $\mu\text{g} / \text{m}^3$	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	78.0 $\mu\text{g} / \text{m}^3$	100 $\mu\text{g} / \text{m}^3$	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	46.5 $\mu\text{g} / \text{m}^3$	60 $\mu\text{g} / \text{m}^3$	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	8.0 $\mu\text{g} / \text{m}^3$	80 $\mu\text{g} / \text{m}^3$	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	13.0 $\mu\text{g} / \text{m}^3$	80 $\mu\text{g} / \text{m}^3$	IS 5182 (Part 6)
Carbon Monoxide (CO)	1,260 $\mu\text{g} / \text{m}^3$	2,000 $\mu\text{g} / \text{m}^3$	ITS/SOP/AAQ/013
Lead (Pb)	0.40 $\mu\text{g} / \text{m}^3$	1 $\mu\text{g} / \text{m}^3$	IS 5182 (Part 22)

Ruby
Reviewed by

V.K.
Authorized Signatory

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Report Code : AAQ-261225-22

Issue Date : 30/12/2025

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O. Dariba - 313211, Distt Rajsamand, Rajasthan
Date of Monitoring : 23.12.2025
Date of start of testing : 26.12.2025
Date of end of testing : 30.12.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of : 24°58'17.10"N
the Location : 74°07'58.82"E
Ambient Temperature : 23.0°C
Name of Location : Near Rajpura Village
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, Pb

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	125.1 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	75.0 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	44.8 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	8.5 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	13.6 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Carbon Monoxide (CO)	1,374 µg / m ³	2,000 µg / m ³	ITS/SOP/AAQ/013
Lead (Pb)	0.43 µg / m ³	1 µg / m ³	IS 5182 (Part 22)

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Authorized Signatory

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Report No. AAQ-200126-09

Issue Date: 28/01/2026

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines.
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 18.01.2026
Date of start of testing : 20.01.2026
Date of end of testing : 28.01.2026
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of : 25°00'06.89"N
the Location : 74°08'42.58"E
Ambient Temperature : 17.3°C
Name of Location : Near Incline Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, O₃, CO, NH₃, Pb, Ni, Benzene, B(a)P, As

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	128.7 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	65.1 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	38.4 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	10.6 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	17.5 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 09)
Carbon Monoxide (CO)	1,031.0 µg / m ³	2,000 µg / m ³	IS 5182 (Part 10)
Ammonia (NH ₃)	45.0 µg / m ³	400 µg / m ³	IS 5182 (Part 25)
Lead (Pb)	0.38 µg / m ³	1 µg / m ³	IS 5182 (Part 22)
Nickel (Ni)	1.35 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			
Arsenic (As)	< 5.5 ng / m ³	6 ng / m ³	APHA-AIR 3rd Edition-302

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Report No. AAQ-200126-10

Issue Date: 28/01/2026

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 18.01.2026
Date of start of testing : 20.01.2026
Date of end of testing : 28.01.2026
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of : 25°00'23.51"N
the Location : 74°08'50.67"E
Ambient Temperature : 17.5°C
Name of Location : Near Mine Boundary in NW Direction Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, O₃, CO, NH₃, Pb, Ni, Benzene, B(a)P, As

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	130.0 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	72.8 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	43.6 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	8.5 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	11.9 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Ozone (O ₃)	50.0 µg / m ³	100 µg / m ³	IS 5182 (Part 9)
Carbon Monoxide (CO)	1,031.0 µg / m ³	2,000 µg / m ³	IS 5182 (Part 10)
Ammonia (NH ₃)	47.0 µg / m ³	400 µg / m ³	IS 5182 (Part 25)
Lead (Pb)	0.25 µg / m ³	1 µg / m ³	IS 5182 (Part 22)
Nickel (Ni)	0.91 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			
Arsenic (As)	< 5.5 ng / m ³	6 ng / m ³	APHA-AIR 3rd Edition-302

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Report No. AAQ-200126-11

Issue Date: 28/01/2026

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 18.01.2026
Date of start of testing : 20.01.2026
Date of end of testing : 28.01.2026
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 25°02'24.0"N
74°09'07.0"E
Ambient Temperature : 17.8°C
Name of Location : Near Bamania Kalan Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, O₃, CO, NH₃, Pb, Ni, Benzene, B(α)P, As

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	100.5 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	61.8 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	36.2 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	7.5 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	10.3 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	IS 5182 (Part 10)
Ammonia (NH ₃)	44.0 µg / m ³	400 µg / m ³	IS 5182 (Part 25)
Lead (Pb)	0.19 µg / m ³	1 µg / m ³	IS 5182 (Part 22)
Nickel (Ni)	0.68 ng / m ³	20 ng / m ³	IS 5182 (Part 26)
Benzene (C ₆ H ₆)	< 1.0 µg / m ³	5 µg / m ³	IS 5182 (Part 11)
Benzo(α)Pyrene (BaP) Particulate phase only	< 1.0 ng / m ³	1 ng / m ³	IS 5182 (Part 12)
Arsenic (As)	< 5.5 ng / m ³	6 ng / m ³	APHA-AIR 3rd Edition-302

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Report No. AAQ-200126-12

Issue Date: 28/01/2026

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 18.01.2026
Date of start of testing : 20.01.2026
Date of end of testing : 28.01.2026
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 25°00'14.59"N
74°08'36.31"E
Ambient Temperature : 17.9°C
Name of Location : Near Sindesar Khurd Village Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, O₃, CO, NH₃, Pb, Ni, Benzene, B(a)P, As

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	117.1 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	63.0 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	36.2 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	8.9 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	14.5 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Ozone (O ₃)	48.0 µg / m ³	100 µg / m ³	IS 5182 (Part 9)
Carbon Monoxide (CO)	1,031 µg / m ³	2,000 µg / m ³	IS 5182 (Part 10)
Ammonia (NH ₃)	46.0 µg / m ³	400 µg / m ³	IS 5182 (Part 25)
Lead (Pb)	0.23 µg / m ³	1 µg / m ³	IS 5182 (Part 22)
Nickel (Ni)	0.94 ng / m ³	20 ng / m ³	IS 5182 (Part 26)
Benzene (C ₆ H ₆)	< 1.0 µg / m ³	5 µg / m ³	IS 5182 (Part 11)
Benzo(a)Pyrene (BaP) Particulate phase only	< 1.0 ng / m ³	1 ng / m ³	IS 5182 (Part 12)
Arsenic (As)	< 5.5 ng / m ³	6 ng / m ³	APHA-AIR 3rd Edition-302

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Report No. AAQ-200126-13

Issue Date: 28/01/2026

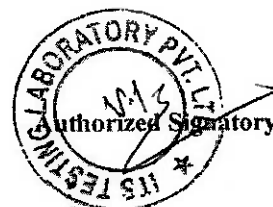
AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 18.01.2026
Date of start of testing : 20.01.2026
Date of end of testing : 28.01.2026
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 24°57'30.35"N
74°08'49.19"E
Ambient Temperature : 18.6°C
Name of Location : Near Tailing Dam Pump House Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, O₃, CO, NH₃, Pb, Ni, Benzene, B(a)P, As

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	119.5 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	65.8 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	39.0 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	7.6 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	12.8 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Ozone (O ₃)	55.0 µg / m ³	100 µg / m ³	IS 5182 (Part 9)
Carbon Monoxide (CO)	1,031 µg / m ³	2,000 µg / m ³	IS 5182 (Part 10)
Ammonia (NH ₃)	42.0 µg / m ³	400 µg / m ³	IS 5182 (Part 25)
Lead (Pb)	0.27 µg / m ³	1 µg / m ³	IS 5182 (Part 22)
Nickel (Ni)	0.95 ng / m ³	20 ng / m ³	IS 5182 (Part 26)
Benzene (C ₆ H ₆)	< 1.0 µg / m ³	5 µg / m ³	IS 5182 (Part 11)
Benzo(a)Pyrene (BaP) Particulate phase only	< 1.0 ng / m ³	1 ng / m ³	IS 5182 (Part 12)
Arsenic (As)	< 5.5 ng / m ³	6 ng / m ³	APHA-AIR 3rd Edition-302

Ruby
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Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)

(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)

Website: www.itslab.in, Email: itrlclab@gmail.com, info@itslab.in, contact@itslab.in

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Report No. AAQ-200126-14

Issue Date: 28/01/2026

AMBIENT AIR QUALITY MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 18.01.2026
Date of start of testing : 20.01.2026
Date of end of testing : 28.01.2026
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 24°58'17.21"N
74°07'58.49"E
Ambient Temperature : 18.7°C
Name of Location : Near Rajpura Village
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, O₃, CO, NH₃, Pb, Ni, Benzene, B(a)P, As

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	138.0 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	77.2 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	46.8 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	12.0 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	19.8 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Ozone (O ₃)	61.0 µg / m ³	100 µg / m ³	IS 5182 (Part 9)
Carbon Monoxide (CO)	1,145 µg / m ³	2,000 µg / m ³	IS 5182 (Part 10)
Ammonia (NH ₃)	59.0 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)	2.06 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			
Arsenic (As)	< 5.5 ng / m ³	6 ng / m ³	APHA-AIR 3rd Edition-302

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ITS TESTING LABORATORY PRIVATE LIMITED

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(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)

Website: www.itslab.in, Email: itrlclab@gmail.com, info@itslab.in, contact@itslab.in

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Test Report

Ambient Air Quality Analysis

Report Code: AAQ-240226-16

Issue Date: 06/03/2026

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES

P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Monitoring : 20.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of : 25°00'06 76"N
the Location : 74°08'42.61"E
Ambient Temperature : 24.6°C
Name of Location : Near Encline Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, Pb

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	121.0 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	72.5 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	43.2 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	8.5 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	14.7 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Carbon Monoxide (CO)	1,145 µg / m ³	2,000 µg / m ³	IS 5182 (Part-10)
Lead (Pb)	0.31 µg / m ³	1 µg / m ³	IS 5182 (Part 22)

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ITS TESTING LABORATORY PRIVATE LIMITED

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Test Report

Ambient Air Quality Analysis

Report Code: AAQ-240226-17

Issue Date: 06/03/2026.

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES
P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Monitoring : 20.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 25°00'23.62"N
74°08'50.50"E
Ambient Temperature : 25.2°C
Name of Location : Near Mine Boundary in NW Direction Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, Pb

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	125.9 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	68.4 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	41.0 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	7.9 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	12.6 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Carbon Monoxide (CO)	1.031 µg / m ³	2,000 µg / m ³	IS 5182 (Part-10)
Lead (Pb)	0.23 µg / m ³	1 µg / m ³	IS 5182 (Part 22)

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Test Report

Ambient Air Quality Analysis

Report Code: AAQ-240226-18

Issue Date: 06/03/2026

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES
P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Monitoring : 20.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 25°02'21.13"N
74°09'18.04"E
Ambient Temperature : 25.3°C
Name of Location : Near Bamania Kalan Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, Pb

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	107.2 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	64.9 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	38.4 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	7.3 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	12.7 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Carbon Monoxide (CO)	916 µg / m ³	2,000 µg / m ³	IS 5182 (Part 10)
Lead (Pb)	0.18 µg / m ³	1 µg / m ³	IS 5182 (Part 22)

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Authorized Signatory

Terms & Conditions :

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ITS TESTING LABORATORY PRIVATE LIMITED

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Test Report

Ambient Air Quality Analysis

Report Code: AAQ-240226-20

Issue Date: 06/03/2026

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES
P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Monitoring : 21.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Duration of sampling : 24 Hrs
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 24°57'30.09"N
74°08'49.21"E
Ambient Temperature : 25.6°C
Name of Location : Near Tailing Dam Pump House Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, Pb

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	114.7 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	65.0 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	39.4 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	7.6 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	10.7 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Carbon Monoxide (CO)	916 µg / m ³	2,000 µg / m ³	IS 5182 (Part 10)
Lead (Pb)	0.20 µg / m ³	1 µg / m ³	IS 5182 (Part 22)

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Test Report

Ambient Air Quality Analysis

Report Code: AAQ-240226-21

Issue Date: 06/03/2026

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES

P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Monitoring : 21.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 24°58'17.05 "N
74°07'58.64"E
Ambient Temperature : 26.0°C
Name of Location : Near Rajpura Village
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, Pb

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	134.0 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	73.2 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	42.0 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	12.5 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	17.3 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Carbon Monoxide (CO)	1,260 µg / m ³	2,000 µg / m ³	IS 5182 (Part 10)
Lead (Pb)	0.32 µg / m ³	1 µg / m ³	IS 5182 (Part 22)

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Test Report

Ambient Air Quality Analysis

Report Code: AAQ-240226-19

Issue Date: 06/03/2026.

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES

P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Monitoring : 20.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Duration of sampling : 24 Hrs
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of : 25°00'14.75"N
the Location : 74°08'36.14"E
Ambient Temperature : 25.8°C
Name of Location : Near Sindesar Khurd Village Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, CO, Pb

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	113.0 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	61.8 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	36.7 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	8.3 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	12.5 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Carbon Monoxide (CO)	1,031 µg / m ³	2,000 µg / m ³	IS 5182 (Part 10)
Lead (Pb)	0.15 µg / m ³	1 µg / m ³	IS 5182 (Part 22)

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Test Report

Ambient Air Quality Analysis

Report Code: AAQ-210326-04

Issue Date: 04/04/2026

ISSUE TO: M/s. Hindustan Zinc Limited, SK Mines,
P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan

SAMPLING & ANALYSIS DATA

Date of Monitoring : 17.03.2026
Date of start of testing : 21.03.2026
Date of end of testing : 04.04.2026
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 25°00'06 83"N
74°08'42.66"E
Ambient Temperature : 29.8°C
Name of Location : Near Incline Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, O₃, CO, NH₃, Pb, Ni, Benzene, B(a)P, As

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	110.7 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	66.8 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	38.4 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	10.5 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	17.2 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)	1,031.0 µg / m ³	2,000 µg / m ³	IS 5182 (Part 10)
Ammonia (NH ₃)	44.7 µg / m ³	400 µg / m ³	IS 5182 (Part 25)
Lead (Pb)	0.32 µg / m ³	1 µg / m ³	IS 5182 (Part 22)
Nickel (Ni)	1.34 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			
Arsenic (As)	< 5.5 ng / m ³	6 ng / m ³	EPA/625/R-96/010a US EPA IO 3.4

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Test Report

Ambient Air Quality Analysis

Report Code: AAQ-210326-05

Issue Date: 04/04/2026

ISSUE TO: M/s. Hindustan Zinc Limited, SK Mines,
P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan

SAMPLING & ANALYSIS DATA

Date of Monitoring : 17.03.2026
Date of start of testing : 21.03.2026
Date of end of testing : 04.04.2026
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 25°00'23.52"N
74°08'50.62"E
Ambient Temperature : 30.1°C
Name of Location : Near Mine Boundary in NW Direction Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, O₃, CO, NH₃, Pb, Ni, Benzene, B(a)P, As

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	130.0 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	76.7 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	45.8 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	8.2 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	12.4 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Ozone (O ₃)	50.8 µg / m ³	100 µg / m ³	IS 5182 (Part 9)
Carbon Monoxide (CO)	1,031.0 µg / m ³	2,000 µg / m ³	IS 5182 (Part 10)
Ammonia (NH ₃)	48.4 µg / m ³	400 µg / m ³	IS 5182 (Part 25)
Lead (Pb)	0.27 µg / m ³	1 µg / m ³	IS 5182 (Part 22)
Nickel (Ni)	0.94 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			
Arsenic (As)	< 5.5 ng / m ³	6 ng / m ³	EPA/625/R-96/010a US EPA IO 3.4

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Authorized Signatory

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ITS TESTING LABORATORY PRIVATE LIMITED

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Test Report

Ambient Air Quality Analysis

Report Code: AAQ-210326-06

Issue Date: 04/04/2026

ISSUE TO: M/s. Hindustan Zinc Limited, SK Mines,
P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan

SAMPLING & ANALYSIS DATA

Date of Monitoring : 17.03.2026
Date of start of testing : 21.03.2026
Date of end of testing : 04.04.2026
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 25°02'09.71"N
74°09'21.41"E
Ambient Temperature : 31.0°C
Name of Location : Near Bamania Kalan Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, O₃, CO, NH₃, Pb, Ni, Benzene, B(a)P, As

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	104.5 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	62.4 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	36.3 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	7.8 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	11.2 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Ozone (O ₃)	50.4 µg / m ³	100 µg / m ³	IS 5182 (Part 9)
Carbon Monoxide (CO)	916 µg / m ³	2,000 µg / m ³	IS 5182 (Part 10)
Ammonia (NH ₃)	46.0 µg / m ³	400 µg / m ³	IS 5182 (Part 25)
Lead (Pb)	0.17 µg / m ³	1 µg / m ³	IS 5182 (Part 22)
Nickel (Ni)	0.71 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			
Arsenic (As)	< 5.5 ng / m ³	6 ng / m ³	EPA/625/R-96/010a US EPA IO 3.4

Checked By

Authorized Signatory



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ITS TESTING LABORATORY PRIVATE LIMITED

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)

(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)

Website: www.itslab.in, Email: itrlclab@gmail.com, info@itslab.in, contact@itslab.in

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Test Report

Ambient Air Quality Analysis

Report Code: AAQ-210326-07

Issue Date: 04/04/2026

ISSUE TO: M/s. Hindustan Zinc Limited, SK Mines,
P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan

SAMPLING & ANALYSIS DATA

Date of Monitoring : 17.03.2026
Date of start of testing : 21.03.2026
Date of end of testing : 04.04.2026
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 25°00'14.58"N
74°08'36.40"E
Ambient Temperature : 31.8°C
Name of Location : Near Sindesar Khurd Village Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, O₃, CO, NH₃, Pb, Ni, Benzene, B(a)P, As

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	113.6 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	65.2 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	35.4 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	8.5 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	13.5 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Ozone (O ₃)	48.0 µg / m ³	100 µg / m ³	IS 5182 (Part 9)
Carbon Monoxide (CO)	1.031 µg / m ³	2,000 µg / m ³	IS 5182 (Part 10)
Ammonia (NH ₃)	46.0 µg / m ³	400 µg / m ³	IS 5182 (Part 25)
Lead (Pb)	0.27 µg / m ³	1 µg / m ³	IS 5182 (Part 22)
Nickel (Ni)	0.91 ng / m ³	20 ng / m ³	IS 5182 (Part 26)
Benzene (C ₆ H ₆)	< 1.0 µg / m ³	5 µg / m ³	IS 5182 (Part 11)
Benzo(a)Pyrene (BaP) Particulate phase only	< 1.0 ng / m ³	1 ng / m ³	IS 5182 (Part 12)
Arsenic (As)	< 5.5 ng / m ³	6 ng / m ³	EPA/625/R-96/010a US EPA IO 3.4

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(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)

Website: www.itslab.in, Email: itrlclab@gmail.com, info@itslab.in, contact@itslab.in

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Test Report

Ambient Air Quality Analysis

Report Code: AAQ-210326-08

Issue Date: 04/04/2026

ISSUE TO: M/s. Hindustan Zinc Limited, SK Mines,
P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan

SAMPLING & ANALYSIS DATA

Date of Monitoring : 17.03.2026
Date of start of testing : 21.03.2026
Date of end of testing : 04.04.2026
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 24°57'30.06"N
74°08'49.15"E
Ambient Temperature : 18.6°C
Name of Location : Near Tailing Dam Pump House Area
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO_x, O₃, CO, NH₃, Pb, Ni, Benzene, B(a)P, As

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	117.5 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	69.8 µg / m ³	100 µg / m ³	IS 5182 (Part 23)
Particulate Matter (PM _{2.5})	39.4 µg / m ³	60 µg / m ³	IS 5182 (Part 24)
Sulphur Dioxide (SO ₂)	7.0 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	12.6 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Ozone (O ₃)	54.0 µg / m ³	100 µg / m ³	IS 5182 (Part 9)
Carbon Monoxide (CO)	1,031 µg / m ³	2,000 µg / m ³	IS 5182 (Part 10)
Ammonia (NH ₃)	41.0 µg / m ³	400 µg / m ³	IS 5182 (Part 25)
Lead (Pb)	0.22 µg / m ³	1 µg / m ³	IS 5182 (Part 22)
Nickel (Ni)	0.91 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			
Arsenic (As)	< 5.5 ng / m ³	6 ng / m ³	EPA/625/R-96/010a US EPA IO 3 4

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Test Report

Ambient Air Quality Analysis

Report Code: AAQ-210326-09

Issue Date: 04/04/2026

ISSUE TO: M/s. Hindustan Zinc Limited, SK Mines,
P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan

SAMPLING & ANALYSIS DATA

Date of Monitoring : 17.03.2026
Date of start of testing : 21.03.2026
Date of end of testing : 04.04.2026
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
GPS Coordinates of the Location : 24°58'17.04"N
74°07'58.70"E
Ambient Temperature : 32.0°C
Name of Location : Near Rajpura Village
Parameter required : SPM, PM₁₀, PM_{2.5}, SO₂, NO, O₃, CO, NH₃, Pb, Ni, Benzene, B(a)P, As

RESULTS

Parameter	Observed Value	Limit as per NAAQS	Protocol
Suspended Particulate Matter	128.2 µg / m ³	-	IS 5182 (Part 4)
Particulate Matter (PM ₁₀)	76.9 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)	11.0 µg / m ³	80 µg / m ³	IS 5182 (Part 2)
Oxide Of Nitrogen (NO _x)	18.4 µg / m ³	80 µg / m ³	IS 5182 (Part 6)
Ozone (O ₃)	62.0 µg / m ³	100 µg / m ³	IS 5182 (Part 9)
Carbon Monoxide (CO)	1,230 µg / m ³	2,000 µg / m ³	IS 5182 (Part 10)
Ammonia (NH ₃)	58.0 µg / m ³	400 µg / m ³	IS 5182 (Part 25)
Lead (Pb)	0.37 µg / m ³	1 µg / m ³	IS 5182 (Part 22)
Nickel (Ni)	2.01 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			
Arsenic (As)	< 5.5 ng / m ³	6 ng / m ³	EPA/625/R-96/010a US EPA IO 3.4

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Annexure-3



CENTRAL INSTITUTE OF MINING & FUEL RESEARCH
(Council of Scientific & Industrial Research)
Barwa Road, Dhanbad – 826 001, Jharkhand
Nagpur Research Center, Mining Technology
17/C, Telenkhedi Area, Civil Line, Nagpur 440001, Maharashtra

GCMP Audit and Visit Report – 07 Aug, 2025, SK Mines, HZL

Part of (PO No.: 3255768469 / 5100031999 Amendment added: 24/11/2022 LI-20)



Part of SSP/N/704/2022-23

August 2025



सीएसआईआर-केंद्रीय खनन एवं ईंधन अनुसंधान संस्थान, धनबाद

CSIR- CENTRAL INSTITUTE OF MINING AND FUEL RESEARCH, DHANBAD
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद/ Council of Scientific & Industrial Research)

परियोजना का शीर्षक: जीसीएमपी ऑडिट और विज़िट रिपोर्ट - 07 अगस्त, 2025, एस.के माइंस, एच.जेड.एल

Title of the Project: GCMP Audit and Visit Report – 07 Aug 2025, S.K Mines, HZL

प्रायोजक/Sponsor: Hindustan Zinc Limited

संदर्भ/Ref. Work order No. Part of (PO No.: 3255768469 / 5100031999 Amendment added: 24/11/2024 LI-20)

माह /MONTH: अगस्त / August 2025

*File
22/08/2025*

(Dr. John Loui Porathur, Chief Scientist & Project Leader)

DISCLAIMER

1. इस रिपोर्ट में निर्धारित की गई अनुशंसाओं का सख्ती से पालन किया जाए। *Recommendations stipulated in the report should be strictly followed.*
2. इन अनुशंसाओं को एक सक्षम एजेंसी के पर्यवेक्षण में लागू किया जाए। *Recommendations should be implemented under the supervision of a competent agency.*
3. यह रिपोर्ट केवल आपके कार्यालय के आंतरिक उपयोग के लिए है और इसे आपके कार्यालय अथवा आपके कर्मचारियों द्वारा पूर्ण या आंशिक रूप में प्रकाशित न किया जाए। इसे संबंधित सरकारी विभागों के अलावा बाह्य पार्टियों को परिचालित/प्रेषित न किया जाए। उद्योग के लाभ के लिए इस अनुसंधान के परिणामों को प्रकाशित करने का अधिकार सिम्फर के पास सुरक्षित है। *This Report is meant for the internal use of your organization only and it should not be published in full or part by your organization or staff. It should not be circulated/communicated to outside parties except concerned Government departments. CSIR-CIMFR reserves the right to publish the results of research for the benefit of industry.*

किया गया अध्ययन खान प्रबंधन द्वारा उपलब्ध कराए गए आंकड़ों पर आधारित है। रिपोर्ट में उल्लिखित निष्कर्ष और सिफारिशें रिपोर्ट में निर्दिष्ट भू-खनन स्थितियों पर आधारित हैं। इसके अलावा, रिपोर्ट में निर्धारित सिफारिशों के कार्यान्वयन में सीएसआईआर-सीआईएमएफआर का कोई नियंत्रण नहीं है। भू-खनन स्थितियों में परिवर्तन के साथ-साथ उपायों का अनुपालन न करने के कारण होने वाली किसी भी अप्रिय घटना के लिए अनुसंधान दल को जिम्मेदार नहीं ठहराया जाएगा। *The study conducted is based on the data supplied by the mine management. Conclusions & recommendations mentioned in the report are based on the geo-mining conditions specified in the report. Moreover, CSIR-CIMFR has no control in the implementation of the recommendations stipulated in the report. The research team will not be held responsible for any untoward incidences caused by change in geo-mining conditions as well as due to non-compliance of measures.*



Following are bench details:

Waste dump bottom level 521.79mRL

Waste dump top level 577.21mRL

- Bench height 08.21m (Top RL 537, bottom RL 521.79).
- Bench height 9.12m (Top RL 552 bottom RL 537)
- Bench height 12.3m (Top RL 577 bottom RL 552)



Figure 20: 3D profile of waste dump

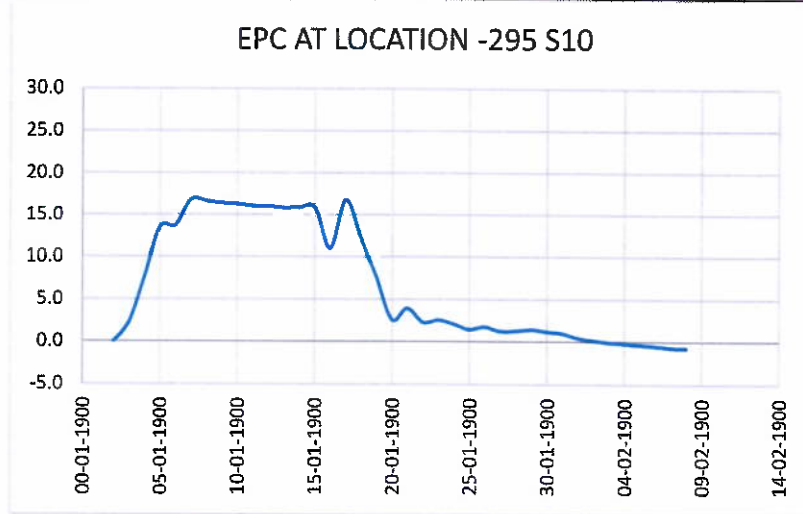


Figure 19: Graph showing EPC readings in kPa at -295 mRL in S10 stope

6.0 STABILITY OF WASTE DUMP

The waste dump forms a critical component of the overall ground control management plan. A detailed inspection of the surface waste dump has been carried out. The three-dimensional representation of the existing dump profile is illustrated in Figures 20. The maximum slope height of the dump has been recorded as 55.21 metres, as indicated in Figure 22 and 23. Photographic evidence of the dump is provided in Figures 22 and 23.

The following are the observations and further recommendations:

1. The dump surface is well-leveled with no evidence of tensile cracks.
2. Considering the present bench configuration and dump geometry, overall stability is satisfactory with no imminent risk of slope failure or collapse.
3. At locations where the dump boundary is in proximity to haul roads, construction of a protective barrier/parapet wall is recommended to prevent accidental spillage or roll-down of waste material onto the haulage road.
4. In case the dump height exceeds 20 m above the original ground level, an intermediate berm/bench of at least 10 m width shall be provided before initiating the subsequent lift.
5. Continuous monitoring of dump profile movements shall be carried out through Total Station Survey at regular intervals to detect any deformation.
6. All dumping operations must be executed strictly in accordance with the approved Standard Operating Procedure (SOP).



Figure 21: Plan view of the dump



Figure 22: Surface waste dump

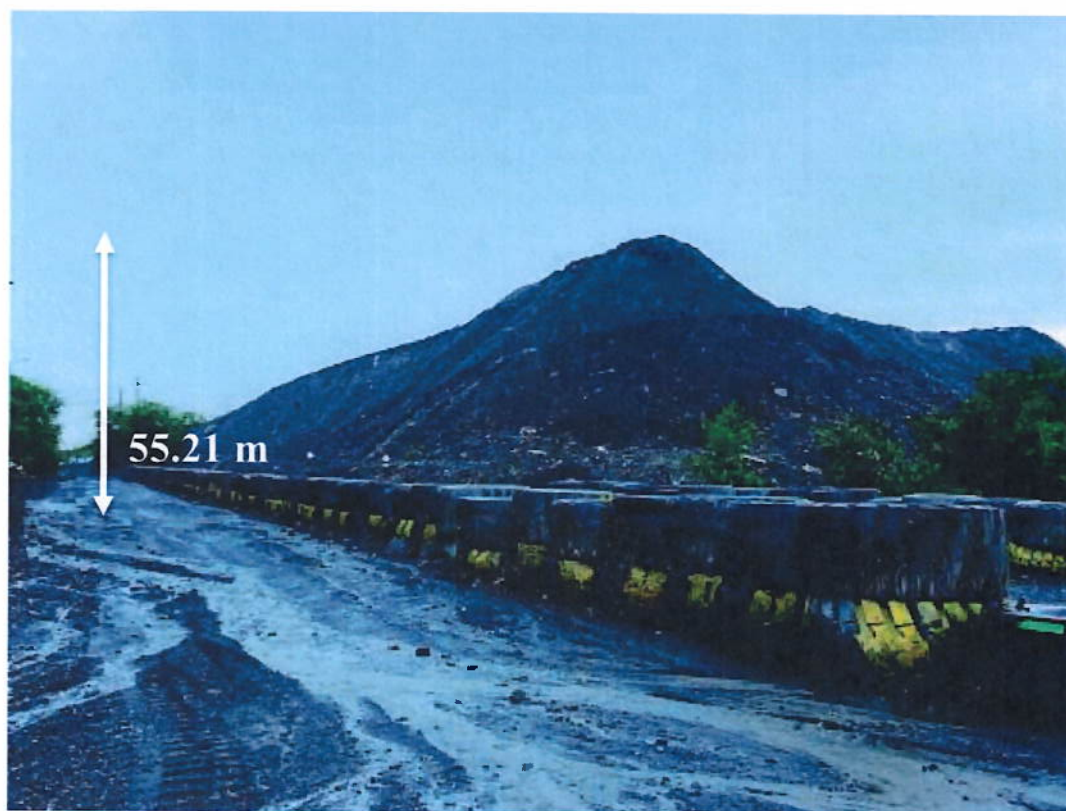


Figure 23: Waste dump and haul road

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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/AL/20251117/98	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AL/20251117/98	Date of Report: 29.11.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Sampling : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Details of Sample : Aquatic Life and Invertebrates Animals (Fish) collected from Bamniya Kalan (Banas River)
Sample submitted by : SCS Representative

Parameter	Results	Protocol
Lead as Pb	< 5 PPM	APHA (24 th Edition) 3111B
Zinc as Zn	18.4 PPM	APHA (24 th Edition) 3111B
Copper as Cu	< 5 PPM	APHA (24 th Edition) 3111B
Iron as Fe	30.2 PPM	APHA (24 th Edition) 3111B
Cadmium as Cd	< 5 PPM	APHA (24 th Edition) 3111B
Nickel as Ni	< 3 PPM	APHA (24 th Edition) 3111B
Chromium as Cr	< 5 PPM	APHA (24 th Edition) 3111B
Mercury as Hg	< 2 PPM	APHA (24 th Edition) 3112 B

Per pro SCS Enviro Services Pvt. Ltd.


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



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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/AL/20251117/99	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AL/20251117/99	Date of Report: 29.11.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Sampling : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Details of Sample : Aquatic Life and Invertebrates Animals (Fish) collected from Raghunathpura Pond
Sample submitted by : SCS Representative

Parameter	Results	Protocol
Lead as Pb	< 5 PPM	APHA (24 th Edition) 3111B
Zinc as Zn	9.4 PPM	APHA (24 th Edition) 3111B
Copper as Cu	< 5 PPM	APHA (24 th Edition) 3111B
Iron as Fe	14.0 PPM	APHA (24 th Edition) 3111B
Cadmium as Cd	< 5 PPM	APHA (24 th Edition) 3111B
Nickel as Ni	< 3 PPM	APHA (24 th Edition) 3111B
Chromium as Cr	< 5 PPM	APHA (24 th Edition) 3111B
Mercury as Hg	< 2 PPM	APHA (24 th Edition) 3112 B

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Dr. D. S. Parihar
(Technical Manager)
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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/AL/20251117/100	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AL/20251117/100	Date of Report: 29.11.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Sampling : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Details of Sample : Aquatic Life and Invertebrates Animals (Fish) collected from Bharai Dam
Sample submitted by : SCS Representative

Parameter	Results	Protocol
Lead as Pb	< 5 PPM	APHA (24 th Edition) 3111B
Zinc as Zn	10.6 PPM	APHA (24 th Edition) 3111B
Copper as Cu	< 5 PPM	APHA (24 th Edition) 3111B
Iron as Fe	17.4 PPM	APHA (24 th Edition) 3111B
Cadmium as Cd	< 5 PPM	APHA (24 th Edition) 3111B
Nickel as Ni	< 3 PPM	APHA (24 th Edition) 3111B
Chromium as Cr	< 5 PPM	APHA (24 th Edition) 3111B
Mercury as Hg	< 2 PPM	APHA (24 th Edition) 3112 B

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Dr. D. S. Parihar
(Technical Manager)
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JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.: U74140RJ2013PTC042216

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

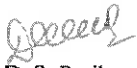
Sample ID No.: SCS/AL/20251117/101	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AL/20251117/101	Date of Report: 29.11.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Sampling : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Details of Sample : Vegetable / Crops (Green Chilly) collected from Sindesar Khurd
Sample submitted by : SCS Representative

Parameter	Results	Protocol
Lead as Pb	< 5 PPM	APHA (24 th Edition) 3111B
Zinc as Zn	20.3 PPM	APHA (24 th Edition) 3111B
Copper as Cu	< 5 PPM	APHA (24 th Edition) 3111B
Iron as Fe	15.8 PPM	APHA (24 th Edition) 3111B
Cadmium as Cd	< 5 PPM	APHA (24 th Edition) 3111B
Nickel as Ni	< 5 PPM	APHA (24 th Edition) 3111B
Chromium as Cr	< 5 PPM	APHA (24 th Edition) 3111B
Mercury as Hg	< 2 PPM	APHA (24 th Edition) 3112 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.
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- The sample will be destroyed after 15 days from the date of issue of the test report.
- The liability of the laboratory is limited to the invoiced amount.
- All disputes are subjected to Jaipur jurisdiction.

**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/AL/20251117/102	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AL/20251117/102	Date of Report: 29.11.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Sampling : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Details of Sample : Vegetable / Crops (Lady Finger) collected from Rajpura
Sample submitted by : SCS Representative

Parameter	Results	Protocol
Lead as Pb	< 5 PPM	APHA (24 th Edition) 3111B
Zinc as Zn	7.4 PPM	APHA (24 th Edition) 3111B
Copper as Cu	< 5 PPM	APHA (24 th Edition) 3111B
Iron as Fe	10.2 PPM	APHA (24 th Edition) 3111B
Cadmium as Cd	< 5 PPM	APHA (24 th Edition) 3111B
Nickel as Ni	< 5 PPM	APHA (24 th Edition) 3111B
Chromium as Cr	< 5 PPM	APHA (24 th Edition) 3111B
Mercury as Hg	< 2 PPM	APHA (24 th Edition) 3112 B

Per pro SCS Enviro Services Pvt. Ltd.


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



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

Sample ID No.: SCS/AL/20251117/103	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AL/20251117/103	Date of Report: 29.11.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Sampling : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Details of Sample : Vegetable / Crops (Brinjal) collected from Bamniya Kalan
Sample submitted by : SCS Representative

Parameter	Results	Protocol
Lead as Pb	< 5 PPM	APHA (24 th Edition) 3111B
Zinc as Zn	18.5 PPM	APHA (24 th Edition) 3111B
Copper as Cu	< 5 PPM	APHA (24 th Edition) 3111B
Iron as Fe	27.0 PPM	APHA (24 th Edition) 3111B
Cadmium as Cd	< 5 PPM	APHA (24 th Edition) 3111B
Nickel as Ni	< 5 PPM	APHA (24 th Edition) 3111B
Chromium as Cr	< 5 PPM	APHA (24 th Edition) 3111B
Mercury as Hg	< 2 PPM	APHA (24 th Edition) 3112 B

Per pro SCS Enviro Services Pvt. Ltd.,


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



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SCS SCS ENVIRO SERVICES PRIVATE LIMITED

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

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

Sample ID No.: SCS/AL/20251117/104	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AL/20251117/104	Date of Report: 29.11.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Sampling : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Details of Sample : Vegetable / Crops (Mustard Leaf) collected from Kantiya Khara
Sample submitted by : SCS Representative

Parameter	Results	Protocol
Lead as Pb	< 5 PPM	APHA (24 th Edition) 3111B
Zinc as Zn	13.2 PPM	APHA (24 th Edition) 3111B
Copper as Cu	< 5 PPM	APHA (24 th Edition) 3111B
Iron as Fe	23.5 PPM	APHA (24 th Edition) 3111B
Cadmium as Cd	< 5 PPM	APHA (24 th Edition) 3111B
Nickel as Ni	< 5 PPM	APHA (24 th Edition) 3111B
Chromium as Cr	< 5 PPM	APHA (24 th Edition) 3111B
Mercury as Hg	< 2 PPM	APHA (24 th Edition) 3112 B

Per pro SCS Enviro Services Pvt. Ltd.,


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



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

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

Sample ID No.: SCS/AL/20251117/105	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AL/20251117/105	Date of Report: 29.11.2025

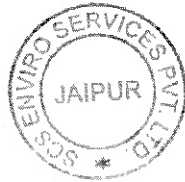
TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Sampling : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Details of Sample : Vegetable / Crops (Fodder Leaf) collected from Raghunathpura
Sample submitted by : SCS Representative

Parameter	Results	Protocol
Lead as Pb	< 5 PPM	APHA (24 th Edition) 3111B
Zinc as Zn	7.5 PPM	APHA (24 th Edition) 3111B
Copper as Cu	< 5 PPM	APHA (24 th Edition) 3111B
Iron as Fe	11.0 PPM	APHA (24 th Edition) 3111B
Cadmium as Cd	< 5 PPM	APHA (24 th Edition) 3111B
Nickel as Ni	< 5 PPM	APHA (24 th Edition) 3111B
Chromium as Cr	< 5 PPM	APHA (24 th Edition) 3111B
Mercury as Hg	< 2 PPM	APHA (24 th Edition) 3112 B

Per pro SCS Enviro Services Pvt. Ltd.,


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

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

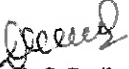
Sample ID No.: SCS/AL/20251117/106	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AL/20251117/106	Date of Report: 29.11.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Sampling : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Details of Sample : Vegetable / Crops (Bottle Gourd) collected from SKM
Sample submitted by : SCS Representative

Parameter	Results	Protocol
Lead as Pb	< 5 PPM	APHA (24 th Edition) 3111B
Zinc as Zn	6.0 PPM	APHA (24 th Edition) 3111B
Copper as Cu	< 5 PPM	APHA (24 th Edition) 3111B
Iron as Fe	18.8 PPM	APHA (24 th Edition) 3111B
Cadmium as Cd	< 5 PPM	APHA (24 th Edition) 3111B
Nickel as Ni	< 5 PPM	APHA (24 th Edition) 3111B
Chromium as Cr	< 5 PPM	APHA (24 th Edition) 3111B
Mercury as Hg	< 2 PPM	APHA (24 th Edition) 3112 B

Per pro SCS Enviro Services Pvt. Ltd.,


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Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)

(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)

Website: www.itslab.in, Email: itrlclab@gmail.com, info@itslab.in, contact@itslab.in

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Test Report

Report Code: MS-240226-21

Issue Date: 06/03/2026.

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES

P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Sampling : 21.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Details of Sample : Aquatic Life and Invertebrates Animals (Fish) collected from Bamniya Kalan (Banas River)
Sample submitted by : ITS Representative

Parameter	Results	Protocol
Lead as Pb	< 5 PPM	APHA (24 th Edition) 3111B
Zinc as Zn	20.6 PPM	APHA (24 th Edition) 3111B
Copper as Cu	< 5 PPM	APHA (24 th Edition) 3111B
Iron as Fe	35.5 PPM	APHA (24 th Edition) 3111B
Cadmium as Cd	< 5 PPM	APHA (24 th Edition) 3111B
Nickel as Ni	< 3 PPM	APHA (24 th Edition) 3111B
Chromium as Cr	< 5 PPM	APHA (24 th Edition) 3111B
Mercury as Hg	< 2 PPM	APHA (24 th Edition) 3112 B

Checked By

Authorized Signatory

Terms & Conditions :

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3. Any complaints about the report should be communicated in writing within 7 days.
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Test Report

Report Code: MS-240226-22

Issue Date: 06/03/2026

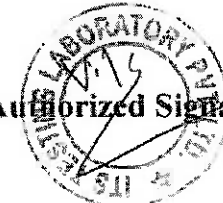
ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES
P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Sampling : 21.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Details of Sample : Aquatic Life and Invertebrates Animals (Fish) collected from Raghunathpura Pond
Sample submitted by : ITS Representative

Parameter	Results	Protocol
Lead as Pb	< 5 PPM	APHA (24 th Edition) 3111B
Zinc as Zn	11.3 PPM	APHA (24 th Edition) 3111B
Copper as Cu	< 5 PPM	APHA (24 th Edition) 3111B
Iron as Fe	18.0 PPM	APHA (24 th Edition) 3111B
Cadmium as Cd	< 5 PPM	APHA (24 th Edition) 3111B
Nickel as Ni	< 3 PPM	APHA (24 th Edition) 3111B
Chromium as Cr	< 5 PPM	APHA (24 th Edition) 3111B
Mercury as Hg	< 2 PPM	APHA (24 th Edition) 3112 B


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Test Report

Report Code: MS-240226-23

Issue Date: 06/03/2026.

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES

P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Sampling : 21.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Details of Sample : Aquatic Life and Invertebrates Animals (Fish) collected from Bharai Dam
Sample submitted by : ITS Representative

Parameter	Results	Protocol
Lead as Pb	< 5 PPM	APHA (24 th Edition) 3111B
Zinc as Zn	12.5 PPM	APHA (24 th Edition) 3111B
Copper as Cu	< 5 PPM	APHA (24 th Edition) 3111B
Iron as Fe	18.0 PPM	APHA (24 th Edition) 3111B
Cadmium as Cd	< 5 PPM	APHA (24 th Edition) 3111B
Nickel as Ni	< 3 PPM	APHA (24 th Edition) 3111B
Chromium as Cr	< 5 PPM	APHA (24 th Edition) 3111B
Mercury as Hg	< 2 PPM	APHA (24 th Edition) 3112 B

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Website: www.itslab.in, Email: itrlclab@gmail.com, info@itslab.in, contact@itslab.in

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Test Report

Report Code: MS-240226-24

Issue Date: 06/03/2026.

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES

P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Sampling : 21.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Details of Sample : Vegetable / Crops (Green Chilly) collected from Sindesar Khurd
Sample submitted by : ITS Representative

Parameter	Results	Protocol
Lead as Pb	< 5 PPM	APHA (24 th Edition) 3111B
Zinc as Zn	16.5 PPM	APHA (24 th Edition) 3111B
Copper as Cu	< 5 PPM	APHA (24 th Edition) 3111B
Iron as Fe	21.7 PPM	APHA (24 th Edition) 3111B
Cadmium as Cd	< 5 PPM	APHA (24 th Edition) 3111B
Nickel as Ni	< 5 PPM	APHA (24 th Edition) 3111B
Chromium as Cr	< 5 PPM	APHA (24 th Edition) 3111B
Mercury as Hg	< 2 PPM	APHA (24 th Edition) 3112 B

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ITS TESTING LABORATORY PRIVATE LIMITED

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Website: www.itslab.in, Email: itrlclab@gmail.com, info@itslab.in, contact@itslab.in

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Test Report

Report Code: MS-240226-25

Issue Date: 06/03/2026.

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES

P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Sampling : 21.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Details of Sample : Vegetable / Crops (Lady Finger) collected from Rajpura
Sample submitted by : ITS Representative

Parameter	Results	Protocol
Lead as Pb	< 5 PPM	APHA (24 th Edition) 3111B
Zinc as Zn	11.3 PPM	APHA (24 th Edition) 3111B
Copper as Cu	< 5 PPM	APHA (24 th Edition) 3111B
Iron as Fe	14.0 PPM	APHA (24 th Edition) 3111B
Cadmium as Cd	< 5 PPM	APHA (24 th Edition) 3111B
Nickel as Ni	< 5 PPM	APHA (24 th Edition) 3111B
Chromium as Cr	< 5 PPM	APHA (24 th Edition) 3111B
Mercury as Hg	< 2 PPM	APHA (24 th Edition) 3112 B

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Website: www.itslab.in, Email: itlrcslab@gmail.com, info@itslab.in, contact@itslab.in

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Test Report

Report Code: MS-240226-26

Issue Date: 06/03/2026.

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES

P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Sampling : 21.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Details of Sample : Vegetable / Crops (Brinjal) collected from Bamniya Kalan
Sample submitted by : ITS Representative

Parameter	Results	Protocol
Lead as Pb	< 5 PPM	APHA (24 th Edition) 3111B
Zinc as Zn	15.0 PPM	APHA (24 th Edition) 3111B
Copper as Cu	< 5 PPM	APHA (24 th Edition) 3111B
Iron as Fe	23.7 PPM	APHA (24 th Edition) 3111B
Cadmium as Cd	< 5 PPM	APHA (24 th Edition) 3111B
Nickel as Ni	< 5 PPM	APHA (24 th Edition) 3111B
Chromium as Cr	< 5 PPM	APHA (24 th Edition) 3111B
Mercury as Hg	< 2 PPM	APHA (24 th Edition) 3112 B

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Test Report

Report Code: MS-240226-27

Issue Date: 06/03/2026

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES
P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Sampling : 21.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 04.03.2026
Details of Sample : Vegetable / Crops (Mustard Seed) collected from Kantiya Khara
Sample submitted by : ITS Representative

Parameter	Results	Protocol
Lead as Pb	< 5 PPM	APHA (24 th Edition) 3111B
Zinc as Zn	16.0 PPM	APHA (24 th Edition) 3111B
Copper as Cu	< 5 PPM	APHA (24 th Edition) 3111B
Iron as Fe	29.6 PPM	APHA (24 th Edition) 3111B
Cadmium as Cd	< 5 PPM	APHA (24 th Edition) 3111B
Nickel as Ni	< 5 PPM	APHA (24 th Edition) 3111B
Chromium as Cr	< 5 PPM	APHA (24 th Edition) 3111B
Mercury as Hg	< 2 PPM	APHA (24 th Edition) 3112 B

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Test Report

Report Code: MS-240226-28

Issue Date: 06/03/2026

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES

P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Sampling : 21.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Details of Sample : Vegetable / Crops (Fodder Leaf) collected from Raghunathpura
Sample submitted by : ITS Representative

Parameter	Results	Protocol
Lead as Pb	< 5 PPM	APHA (24 th Edition) 3111B
Zinc as Zn	8.8 PPM	APHA (24 th Edition) 3111B
Copper as Cu	< 5 PPM	APHA (24 th Edition) 3111B
Iron as Fe	12.5 PPM	APHA (24 th Edition) 3111B
Cadmium as Cd	< 5 PPM	APHA (24 th Edition) 3111B
Nickel as Ni	< 5 PPM	APHA (24 th Edition) 3111B
Chromium as Cr	< 5 PPM	APHA (24 th Edition) 3111B
Mercury as Hg	< 2 PPM	APHA (24 th Edition) 3112 B

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ITS TESTING LABORATORY PRIVATE LIMITED

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)

(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)

Website: www.itslab.in, Email: itrlclab@gmail.com, info@itslab.in, contact@itslab.in

+91 9911659800, 9305780312, 09958849764

Test Report

Report Code: MS-240226-29

Issue Date: 06/03/2026.

ISSUE TO: M/S. HINDUSTAN ZINC LIMITED, SK MINES

P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Sampling : 21.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Details of Sample : Vegetable / Crops (Bottle Gourd) collected from SKM
Sample submitted by : ITS Representative

Parameter	Results	Protocol
Lead as Pb	< 5 PPM	APHA (24 th Edition) 3111B
Zinc as Zn	9.5 PPM	APHA (24 th Edition) 3111B
Copper as Cu	< 5 PPM	APHA (24 th Edition) 3111B
Iron as Fe	22.0 PPM	APHA (24 th Edition) 3111B
Cadmium as Cd	< 5 PPM	APHA (24 th Edition) 3111B
Nickel as Ni	< 5 PPM	APHA (24 th Edition) 3111B
Chromium as Cr	< 5 PPM	APHA (24 th Edition) 3111B
Mercury as Hg	< 2 PPM	APHA (24 th Edition) 3112 B


Checked By


Authorized Signatory

Terms & Conditions :

1. Test reports are valid only for the samples tested in our laboratory. 2. Samples will destroyed as per quality policy.
3. Any complaints about the report should be communicated in writing within 7 days.
4. Total liability of our laboratory is limited to invoiced amount.

**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/20251117/78	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/W/20251117/78	Date of Report: 29.11.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Sampling : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Details of Sample : Surface Water from Bamniya Kalan
Sample submitted by : SCS Representative

Parameter	Results	Protocol
pH	8.13	APHA (24 th Edition) 4500 H
Total Alkalinity as CaCO ₃	288.00 Mg / L	APHA (24 th Edition) 2320
Chloride as Cl	79.97 Mg / L	APHA (24 th Edition) 4500 Cl ⁻ B
Total Hardness as CaCO ₃	228.00 Mg / L	APHA (24 th Edition) 2340 C
Total Dissolved Solids	540.0 Mg / L	APHA (24 th Edition) 2540 C
Total Suspended Solids	7.0 Mg / L	APHA (24 th Edition) 2540 D
Total Solids	547.0 Mg / L	APHA (24 th Edition) 2540 B
Sulphate as SO ₄	32.25 Mg / L	APHA (24 th Edition) 4500 E
Lead as Pb	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Zinc as Zn	0.02 Mg / L	APHA (24 th Edition) 3111B
Iron as Fe	0.03 Mg / L	APHA (24 th Edition) 3111B
Copper as Cu	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cadmium as Cd	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cyanide as CN	< 0.02 Mg / L	APHA (24 th Edition) 4500 CN-C&E
Nickel as Ni	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cobalt as Co	< 0.05 Mg / L	APHA (24 th Edition) 3500 Co
Magnesium as Mg	28.19 Mg / L	APHA (24 th Edition) 3500 B
Arsenic as As	< 0.002 Mg / L	APHA (24 th Edition) 3114 B
Mercury as Hg	< 0.001 Mg / L	APHA (24 th Edition) 3112 B

Per pro SCS Enviro Services Pvt. Ltd.,

[Signature]
Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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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/20251117/79	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/W/20251117/79	Date of Report: 29.11.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Sampling : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Details of Sample : Surface Water from Banas River
Sample submitted by : SCS Representative

Parameter	Results	Protocol
pH	8.39	APHA (24 th Edition) 4500 H
Total Alkalinity as CaCO ₃	256.00 Mg / L	APHA (24 th Edition) 2320
Chloride as Cl	167.95 Mg / L	APHA (24 th Edition) 4500 Cl ⁻ B
Total Hardness as CaCO ₃	244.00 Mg / L	APHA (24 th Edition) 2340 C
Total Dissolved Solids	653.0 Mg / L	APHA (24 th Edition) 2540 C
Total Suspended Solids	8.0 Mg / L	APHA (24 th Edition) 2540 D
Total Solids	661.0 Mg / L	APHA (24 th Edition) 2540 B
Sulphate as SO ₄	48.26 Mg / L	APHA (24 th Edition) 4500 E
Lead as Pb	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Zinc as Zn	0.02 Mg / L	APHA (24 th Edition) 3111B
Iron as Fe	0.03 Mg / L	APHA (24 th Edition) 3111B
Copper as Cu	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cadmium as Cd	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cyanide as CN	< 0.02 Mg / L	APHA (24 th Edition) 4500 CN-C&E
Nickel as Ni	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cobalt as Co	< 0.05 Mg / L	APHA (24 th Edition) 3500 Co
Magnesium as Mg	29.16 Mg / L	APHA (24 th Edition) 3500 B
Arsenic as As	< 0.002 Mg / L	APHA (24 th Edition) 3114 B
Mercury as Hg	< 0.001 Mg / L	APHA (24 th Edition) 3112 B

Per pro SCS Enviro Services Pvt. Ltd

[Signature]
Dr. D. S. Parihar
(Technical Manager)
Authorised Signatory



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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/20251117/80	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/W/20251117/80	Date of Report: 29.11.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Sampling : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Details of Sample : Surface Water from Raghunathpura
Sample submitted by : SCS Representative

Parameter	Results	Protocol
pH	8.25	APHA (24 th Edition) 4500 H
Total Alkalinity as CaCO ₃	164.00 Mg / L	APHA (24 th Edition) 2320
Chloride as Cl	35.99 Mg / L	APHA (24 th Edition) 4500 Cl ⁻ B
Total Hardness as CaCO ₃	136.00 Mg / L	APHA (24 th Edition) 2340 C
Total Dissolved Solids	295.0 Mg / L	APHA (24 th Edition) 2540 C
Total Suspended Solids	5.0 Mg / L	APHA (24 th Edition) 2540 D
Total Solids	300.0 Mg / L	APHA (24 th Edition) 2540 B
Sulphate as SO ₄	21.12 Mg / L	APHA (24 th Edition) 4500 E
Lead as Pb	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Zinc as Zn	0.01 Mg / L	APHA (24 th Edition) 3111B
Iron as Fe	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Copper as Cu	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cadmium as Cd	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cyanide as CN	< 0.02 Mg / L	APHA (24 th Edition) 4500 CN-C&E
Nickel as Ni	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cobalt as Co	< 0.05 Mg / L	APHA (24 th Edition) 3500 Co
Magnesium as Mg	12.64 Mg / L	APHA (24 th Edition) 3500 B
Arsenic as As	< 0.002 Mg / L	APHA (24 th Edition) 3114 B
Mercury as Hg	< 0.001 Mg / L	APHA (24 th Edition) 3112 B

Per pro SCS Enviro Services Pvt. Ltd.

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



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Sample ID No.: SCS/W/20251117/81	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/W/20251117/81	Date of Report: 29.11.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Sampling : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Details of Sample : Surface Water from Bharai Dam
Sample submitted by : SCS Representative

Parameter	Results	Protocol
pH	8.29	APHA (24 th Edition) 4500 H
Total Alkalinity as CaCO ₃	168.00 Mg / L	APHA (24 th Edition) 2320
Chloride as Cl	39.99 Mg / L	APHA (24 th Edition) 4500 Cl ⁻ B
Total Hardness as CaCO ₃	140.00 Mg / L	APHA (24 th Edition) 2340 C
Total Dissolved Solids	304.0 Mg / L	APHA (24 th Edition) 2540 C
Total Suspended Solids	8.0 Mg / L	APHA (24 th Edition) 2540 D
Total Solids	312.0 Mg / L	APHA (24 th Edition) 2540 B
Sulphate as SO ₄	20.31 Mg / L	APHA (24 th Edition) 4500 E
Lead as Pb	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Zinc as Zn	0.01 Mg / L	APHA (24 th Edition) 3111B
Iron as Fe	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Copper as Cu	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cadmium as Cd	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cyanide as CN	< 0.02 Mg / L	APHA (24 th Edition) 4500 CN-C&E
Nickel as Ni	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cobalt as Co	< 0.05 Mg / L	APHA (24 th Edition) 3500 Co
Magnesium as Mg	12.64 Mg / L	APHA (24 th Edition) 3500 B
Arsenic as As	< 0.002 Mg / L	APHA (24 th Edition) 3114 B
Mercury as Hg	< 0.001 Mg / L	APHA (24 th Edition) 3112 B

Per pro SCS Enviro Services Pvt. Ltd.


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

Water Analysis

Report Code: W-240226-70

Issue Date: 06/03/2026.

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES
P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Sampling : 21.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Details of Sample : Surface Water from Bamniya Kalan
Sample submitted by : ITS Representative

Parameter	Results	Protocol
pH	7.61	APHA (24 th Edition) 4500 H
Total Alkalinity as CaCO ₃	248.00 Mg / L	APHA (24 th Edition) 2320
Chloride as Cl ⁻	19.44 Mg / L	APHA (24 th Edition) 4500 Cl ⁻ B
Total Hardness as CaCO ₃	144.00 Mg / L	APHA (24 th Edition) 2340 C
Total Dissolved Solids	504.0 Mg / L	APHA (24 th Edition) 2540 C
Total Suspended Solids	7.00 Mg / L	APHA (24 th Edition) 2540 D
Total Solids	511.00 Mg / L	APHA (24 th Edition) 2540 B
Sulphate as SO ₄	16.67 Mg / L	APHA (24 th Edition) 4500 E
Lead as Pb	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Zinc as Zn	0.03 Mg / L	APHA (24 th Edition) 3111B
Iron as Fe	0.03 Mg / L	APHA (24 th Edition) 3111B
Copper as Cu	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cadmium as Cd	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cyanide as CN	< 0.02 Mg / L	APHA (24 th Edition) 4500 CN-C&E
Nickel as Ni	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cobalt as Co	< 0.05 Mg / L	APHA (24 th Edition) 3500 Co
Magnesium as Mg	16.52 Mg / L	APHA (24 th Edition) 3500 B
Arsenic as As	< 0.002 Mg / L	APHA (24 th Edition) 3114 B
Mercury as Hg	< 0.001 Mg / L	APHA (24 th Edition) 3112 B

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Authorized Signatory

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Test Report

Water Analysis

Report Code: W-240226-71

Issue Date: 06/03/2026.

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES

P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Sampling : 21.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Details of Sample : Surface Water from Banas River
Sample submitted by : ITS Representative

Parameter	Results	Protocol
pH	7.80	APHA (24 th Edition) 4500 H
Total Alkalinity as CaCO ₃	232.00 Mg / L	APHA (24 th Edition) 2320
Chloride as Cl	235.92 Mg / L	APHA (24 th Edition) 4500 Cl ⁻ B
Total Hardness as CaCO ₃	272.00 Mg / L	APHA (24 th Edition) 2340 C
Total Dissolved Solids	735.0 Mg / L	APHA (24 th Edition) 2540 C
Total Suspended Solids	8.0 Mg / L	APHA (24 th Edition) 2540 D
Total Solids	743.0 Mg / L	APHA (24 th Edition) 2540 B
Sulphate as SO ₄	57.12 Mg / L	APHA (24 th Edition) 4500 E
Lead as Pb	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Zinc as Zn	0.04 Mg / L	APHA (24 th Edition) 3111B
Iron as Fe	0.02 Mg / L	APHA (24 th Edition) 3111B
Copper as Cu	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cadmium as Cd	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cyanide as CN	< 0.02 Mg / L	APHA (24 th Edition) 4500 CN-C&E
Nickel as Ni	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cobalt as Co	< 0.05 Mg / L	APHA (24 th Edition) 3500 Co
Magnesium as Mg	26.24 Mg / L	APHA (24 th Edition) 3500 B
Arsenic as As	< 0.002 Mg / L	APHA (24 th Edition) 3114 B
Mercury as Hg	< 0.001 Mg / L	APHA (24 th Edition) 3112 B

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Test Report

Water Analysis

Report Code: W-240226-72

Issue Date: 06/03/2026.

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES
P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Sampling : 21.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Details of Sample : Surface Water from Raghunathpura
Sample submitted by : ITS Representative

Parameter	Results	Protocol
pH	7.65	APHA (24 th Edition) 4500 H
Total Alkalinity as CaCO ₃	240.00 Mg / L	APHA (24 th Edition) 2320
Chloride as Cl	95.97 Mg / L	APHA (24 th Edition) 4500 Cl ⁻ B
Total Hardness as CaCO ₃	144.00 Mg / L	APHA (24 th Edition) 2340 C
Total Dissolved Solids	494.00 Mg / L	APHA (24 th Edition) 2540 C
Total Suspended Solids	6.00 Mg / L	APHA (24 th Edition) 2540 D
Total Solids	500.0 Mg / L	APHA (24 th Edition) 2540 B
Sulphate as SO ₄	19.41 Mg / L	APHA (24 th Edition) 4500 E
Lead as Pb	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Zinc as Zn	0.02 Mg / L	APHA (24 th Edition) 3111B
Iron as Fe	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Copper as Cu	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cadmium as Cd	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cyanide as CN	< 0.02 Mg / L	APHA (24 th Edition) 4500 CN-C&E
Nickel as Ni	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cobalt as Co	< 0.05 Mg / L	APHA (24 th Edition) 3500 Co
Magnesium as Mg	14.58 Mg / L	APHA (24 th Edition) 3500 B
Arsenic as As	< 0.002 Mg / L	APHA (24 th Edition) 3114 B
Mercury as Hg	< 0.001 Mg / L	APHA (24 th Edition) 3112 B

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Test Report

Water Analysis

Report Code: W-240226-73

Issue Date: 06/03/2026.

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES

P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Sampling : 21.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Details of Sample : Surface Water from Bharai Dam
Sample submitted by : ITS Representative

Parameter	Results	Protocol
pH	7.62	APHA (24 th Edition) 4500 H
Total Alkalinity as CaCO ₃	284.00 Mg / L	APHA (24 th Edition) 2320
Chloride as Cl	91.97 Mg / L	APHA (24 th Edition) 4500 Cl ⁻ B
Total Hardness as CaCO ₃	148.00 Mg / L	APHA (24 th Edition) 2340 C
Total Dissolved Solids	502.0 Mg / L	APHA (24 th Edition) 2540 C
Total Suspended Solids	8.0 Mg / L	APHA (24 th Edition) 2540 D
Total Solids	510.0 Mg / L	APHA (24 th Edition) 2540 B
Sulphate as SO ₄	22.63 Mg / L	APHA (24 th Edition) 4500 E
Lead as Pb	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Zinc as Zn	0.01 Mg / L	APHA (24 th Edition) 3111B
Iron as Fe	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Copper as Cu	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cadmium as Cd	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cyanide as CN	< 0.02 Mg / L	APHA (24 th Edition) 4500 CN-C&E
Nickel as Ni	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Cobalt as Co	< 0.05 Mg / L	APHA (24 th Edition) 3500 Co
Magnesium as Mg	17.50 Mg / L	APHA (24 th Edition) 3500 B
Arsenic as As	< 0.002 Mg / L	APHA (24 th Edition) 3114 B
Mercury as Hg	< 0.001 Mg / L	APHA (24 th Edition) 3112 B

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Annexure-5

Annexure-

BRIEF NOTE ON (SPECIFIC CONDITION-14)

ग्राम सिलिसर खुर्द को अगला बसाने के लिए ग्राम सिलिसर खुर्द से 2 किलोमीटर दूर इसी ग्राम की सीमा में सुरजबरी गल्ला की के पास 6000 वर्ग मीटर आवासीय प्रयोजनार्थ संपरिवर्तित करवाये है।

1. संपरिवर्तित उक्त भूमि में स्वीकृत प्लान अनुसार पक्की सड़क बनाकर प्लॉट्स के बितर लवा कर प्लॉट्स की माफिया या नाबरींग कर दी गयी है। विद्युत आपूर्ति तथा पेयजल हेतु कार्यवाही की जा चुकी है। सामान्य सुविधा के लिए समुदायिक खाना का निर्माण प्रारम्भ किया जा चुका है।
2. आवासीय भूमि की DA दर 300 रुपये प्रति वर्ग फीट है जिसके मुकबले 1700 रुपये प्रति वर्ग फीट निर्धारित की गयी है तथा आवासीय भूमि के क्षेत्र के अन्दर या उससे अधिक 900 वर्ग फीट व्यूतम तथा इसके गुणांक में रूपांतरित भूमि में नि:शुल्क प्लॉट देना लग किया है।
3. विस्थापित किये जाने वाले ग्राम सिलिसर खुर्द में दिनांक 31.05.2019 के बाद किया प्रस्ताव का निर्माण कार्य नहीं करने हेतु श्रीमान लक्ष्मीनन्दन रेसमारा द्वारा राजस्थान पत्रिका राजस्थान के दिनांक 11.08.2019 के अंक में सुचना भी प्रकाशित की गयी है।
4. विस्थापन के इच्छुक परिवारों की सहायता अनुसार 17 पत्रावलिगत भूमि (पट्टे) व निर्माण लागत के निर्धारण हेतु तैयार की गई। इनमें आवासीय भूमि के पट्टों में कमीश पयी गई। उदरपन्न मौके पर पट्टे की तुलना में हम्बई चौड़ाई कम या ज्यादा पायी गई। एक ही भूखण्ड का दोहरा पट्टा जारी किया जाना पड़े भूमि में गहरा जारी किया जाना इत्यादि। इच्छुक परिवारों की पत्रावली में बट राशि कमी पूर्वा के अंतिम रूप से 7 पत्रावलीया तैयार की गई लेकिन कोविड-19 की वजह से चेक जारी नहीं किये जा सके।

संस्था प्रमाणित प्रमाणिका
11.05.2019 सूचना पत्र - 05

जिला कलक्टर गढ़ीदय, राजसमन्द के आदेश क्रमांक 1118-20 दिनांक 04.05.2019 के अनुसार राम सिन्दर खुर को अग्रज घराने के संबंध में लिए गए विशेष अनुसार निष्पत्ति हेतु तहसीलदार रेलमण्ड को उपस्थित में कमेटी का गठन किया गया है। जहां कमेटी राम सिन्दर खुर के अग्रज घराने के मामले में मांगवारियों के अपमानित मकानों, भूखण्डों व कृषि भूमियों के संबंध में स्थानीय जांचियों से सम्बंधित सजात/ समझौते कर राखें कर्तव्य किया जाएगा और इसके साथ ही सम्बंधित मांगवारियों को अग्रज घराने का कार्य भी कर्तव्य आय किया जाएगा, एवं उनकी जांचितगत एवं सामुदायिक समारोहों पर विचार किया जाएगा और सभी मांगवारियों को यह सूचित किया जाएगा कि दिनांक 31.05.2019 के बाद किसी प्रकार का निर्माण कार्य नहीं करें।

तहसीलदार-रेलमण्ड

11.05.2019, दिनांक 11.05.2019
संस्था प्रमाणित प्रमाणिका

सूचना

जिला कलक्टर गढ़ीदय, राजसमन्द के आदेश क्रमांक 1118-20 दिनांक 04.05.2019 के अनुसार राम सिन्दर खुर को अग्रज घराने के संबंध में लिए गए विशेष अनुसार निष्पत्ति हेतु तहसीलदार रेलमण्ड को उपस्थित में कमेटी का गठन किया गया है। जहां कमेटी राम सिन्दर खुर के अग्रज घराने के मामले में मांगवारियों के अपमानित मकानों, भूखण्डों व कृषि भूमियों के संबंध में स्थानीय जांचियों से सम्बंधित सजात/ समझौते कर राखें कर्तव्य किया जाएगा और इसके साथ ही सम्बंधित मांगवारियों को अग्रज घराने का कार्य भी कर्तव्य आय किया जाएगा, एवं उनकी जांचितगत एवं सामुदायिक समारोहों पर विचार किया जाएगा और सभी मांगवारियों को यह सूचित किया जाएगा कि दिनांक 31.05.2019 के बाद किसी प्रकार का निर्माण कार्य नहीं करें।

तहसीलदार-रेलमण्ड

11.05.2019, दिनांक 11.05.2019
संस्था प्रमाणित प्रमाणिका



vedanta
transforming elements

HZL/SKM /ENV/ 2020/02/396



Date: 19.02.2019

To,
Director,
IA – Division (Non-Coal Mining)
A-106, Agni Block, Ist Floor,
Indira Paryavaran Bhavan
Ministry of Environment & Forests & Climate Change,
Jorbagh Road, New Delhi – 110003.

Sub.: Exemption of EC condition **"The monitoring of PM2.5 in the vehicle emission shall be conducted to improve the mine environment and report submitted to the Regional office of the MoEFCC.**

Ref : 1. Environment Clearance (letter No. J-11015/7/2017-IA.II (M) dated 31st May 2018) of Sindesar Khurd Mine From Ministry of Environment ,Forest & Climate Change.
2. MOEF&CC Letter No.F.No. 22-34/2018-IA.III, dated 08.01.2019 - Standardization of Environment Clearance conditions for Non-Coal mining sector — reg.

Sir,

With reference to aforesaid subject, we would like to bring to your kind notice that Ministry of Environment, Forest & Climate Change(MoEF&CC) has accorded the Environment Clearance for our project proposal of "Expansion of Sindesar Khurd Lead -Zinc underground mine from 4.5 million TPA to 6.0 million TPA ore production (ROM) basis and beneficiation from 5.0 million TPA to 6.5 TPA, located at Sindesar Khurd village Tehsil: Reilmagra, District, Rajsamand, Rajasthan (ML No.07/95), vide letter No. J-11015/7/2017-IA.II (M) dated 31st May 2018 with **specific condition no.13 The monitoring of PM2.5 in the vehicle emission shall be conducted to improve the mine environment and report submitted to the Regional office of the MoEFCC.**

We would like to submit that we are monitoring vehicular emission on regular basis for the parameters mentioned in the BS IV norms and Pollution Under Control (PUC) certificates for all the vehicles from authorized centres is obtained. However, we are not able to monitor PM2.5 in vehicular emission due to unavailability of established technology/instrument.

We would like to draw your attention on following standard Environment Clearance condition for Non-Coal mining sector circulated by your good office vide above mentioned letter:

"i. No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a 'bypass' road for the purpose

Hindustan Zinc Limited

Sindesar Khurd Mine, P.O. Dariba, Teh. Railmagra, Distt. Rajsamand (Rajasthan) - 313 211
T +91-2952 265 275 F +91-2952 265 143 www.hzindia.com

of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. **Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centres."**

All the measures stated in above conditions are being met and complied by us. We are regularly monitoring the vehicular emissions as per BS IV norms. Copy of the PUC enclosed for your ready reference.

Since, we are complying with the standard conditions stated above and due to technical infeasibility of conducting PM2.5 in vehicular emission, we are requesting you to exempt us from the compliance of this condition.

Thanking you.

Yours faithfully,


19/02/2020
Sanjay Kumar Sharma

Unit Head - Sindesar Khurd Mine

CC to:

Director,
Ministry of Environment & Forests & Climate Change,
Regional Office (Central Region),
Kendriya Bhawan, 5th Floor,
Sector "H", Aliganj,
Lucknow - 2266024



HINDUSTAN ZINC
Zinc & Silver of India

Ref.: HZL/SKM/ENV/2025-26/

Date - 08.12.2025

Dy. Forest Conservator
Forest Office, Rajsamand
Jal Chakki, Tulsi Sadhna Shikhar Road
Kankroli, Rajsamand - 313324

Sub: Regarding submission with request for approval of Wildlife Conservation Plan for "Sindesar Khurd Mine" over an area of 199.8425 Ha. (M.L No.: -07/95) located at Village - Sindesar Khurd, Tehsil- Railmagra, District- Rajsamand, State- Rajasthan promoted by "Hindustan Zinc Limited".

Ref: 1. क्रमांक एफ.11(412) विकास - II/मुवजीप्र/2023-24/295 dated 14.06.2024

2. Authenticated Flora & Fauna List issued form DCF(WL), Rajsamand vide letter no. F/Survey/DCF/2025/7071 dated - 10.11.2025.

3. EDS issued from SEAC-4, Rajasthan on date 18.09.2025, vide Proposal No: SIA/RJ/MIN/535799/2025.

Dear Sir/Ma'am,

With reference to the above-cited subject & reference, we have made the necessary changes in the Wildlife Conservation Plan. The point wise reply is given below -

Point No. 1 - उक्त योजना में इस कार्यलय के पत्रांक 6451-6483 दिनांक 24.05.2019 के द्वारा जारी गाइडलाइन की पूर्ण पालना की जावे।

Response - कार्यलय प्र.मु.व.त. के पत्रांक 6451-83 दिनांक 24/5/2019 के तहत जारी गाइडलीन के अनुसार प्रस्ताव तैयार की गयी है।

Point No. 2 - संबंधित उप वन संरक्षक द्वारा वन्यजीव संरक्षण योजना में संलग्न की गई वनस्पति एवं वन्यजीवों की सूची का प्रमाणिकरण भी नहीं किया गया है।

Response - आपके कार्यलय स्तर से वनस्पति एवम वन्यजीवों की सूची प्रमाणित की गयी है।

Point No. 3 - प्रस्तुत वन्यजीव संरक्षण योजना में गाइडलाइन अनुसार 1:50000 पैमाने के सभी वांछित नक्शे भी प्रमाणित कर संलग्न नहीं किये गये हैं।

Response - गाइडलीन अनुसार 1:50000 पैमाने पर सभी नक्शे प्रमाणित कर संलग्न है।

Point No. 4 - वन्यजीव संरक्षण अधिनियम संशोधित 2022 के तहत वन्यजीवों से संबंधित अनुसूचि में परिवर्तन हुआ है जिसकी भी जांच कर ली जावे।

Response - WPA-2022 के अनुसार अनुसूची में परिवर्तन कर प्रस्ताव तैयार किया गया है।

Point No. 5 - संरक्षण योजनाओं में मैनेजमेंट प्लान बनाने के संबंध में MOEF&CC नई दिल्ली द्वारा दिनांक 30.11.2023 को जारी दिशा निर्देशों की पालना भी उक्त वन्यजीव संरक्षण योजना में कराई जावे।

Response - MOEF&CC नई दिल्ली द्वारा दिनांक 30.11.2023 को जारी दिशा निर्देश की पालना प्रस्ताव में कर ली गयी है।

Furthermore, we would like to bring to your kind notice that, Hindustan Zinc Limited proposing an expansion under 7 (ii).a of "Sindesar Khurd Mine" (M. L No, 07/95 &

प्रेषक लिपिक 8/14
कार्यालय उपवन
वन्यजीव, राजसमंद



Hindustan Zinc Limited, Registered Office: Yashad Bhawan, Udaipur-313 004, Rajasthan, INDIA.
T. +91 294-6604000-02 www.hzlindia.com CIN: L27204RJ1956PLC001208

Area- 199.8425 Ha) located at Village – Sindesar Khurd, Tehsil- Railmagra, District- Rajsamand, State- Rajasthan.

As per standard ToR it is stipulated that *"The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan/ Wildlife Management Plan shall be implemented in consultation with the State Forest Department"*.

Also, and EDS was raised from SEAC-4, Rajasthan for Compliance of SEIAA order dated 03.11.2025 regarding WCP.

To fulfill the condition, authenticated list of Flora & Fauna was received from DCF(WL), Rajsamand vide letter no. vide no. F/ Survey/DCF/2025/7071 on 10-11-2025. As per the Authenticated list of Flora & Fauna, the Thirty Schedule-I species were observed in the study area of our lease and the wildlife conservation plan for the same has been prepared with a budgetary provision of **Rs. 10.51 Crores**.

Now we are hereby submitting the wildlife conservation plan for Thirty Schedule-I species to your good office for approval with a humble request for expediting the requisite at your earliest convenience.

Thanking You,
For Hindustan Zinc Limited

Apurv
03.12.25

Apurv Gautam
(Environment Head – Sindesar Khurd Mine)

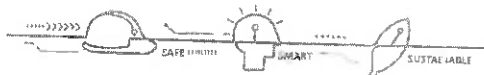
Enclosure: -

1. Copy of Wildlife Conservation Plan (3 Nos.)
2. Authenticated List of Flora & Fauna issued from DCF (WL) Rajsamand, vide no. F/Survey/DCF/2025/7071 on 10.11.2025

CC: 1. Principal Chief Conservator of Forests and Chief Wildlife Warden, Rajasthan
Aranya Bhawan, Jhalana Institutional Area
Jaipur, Rajasthan – 302004

2. Chief Conservator of Forests
Van bhawan Parisar, Opposite Mohta park
Chetak circle, Udaipur

3. Office Copy



Annexure-7

Reference Number: 26-1724865(23/01/2026)

APPLICATION TO ATOMIC ENERGY REGULATORY BOARD (AERB) FOR SAFETY STATUS REPORT

Reference Number : 26-1724865

Date of Application : 23/01/2026

Part A

Equipment Details:

Equipment Identification no.	Last Operational Status	Last Operational Status Date	Status Updated in last 6 month
E-NGD-194130	Unused	22/01/2026	Yes
E-NGD-194068	Unused	22/01/2026	Yes
E-NGD-194060	Unused	22/01/2026	Yes
E-NGD-194144	Unused	22/01/2026	Yes
E-NGD-194150	Unused	22/01/2026	Yes
E-NGD-194070	Unused	22/01/2026	Yes
E-NGD-194071	Unused	22/01/2026	Yes
E-NGD-060760	Unused	22/01/2026	Yes
E-NGD-060810	Unused	22/01/2026	Yes
E-NGD-194127	Unused	22/01/2026	Yes
E-NGD-194042	Working	22/01/2026	Yes
E-NGD-194052	Working	22/01/2026	Yes

E-NGD-194064	Working	22/01/2026	Yes
E-NGD-194065	Working	22/01/2026	Yes
E-NGD-194076	Working	22/01/2026	Yes
E-NGD-194073	Working	22/01/2026	Yes
E-NGD-194124	Working	22/01/2026	Yes
E-NGD-194137	Working	22/01/2026	Yes
E-NGD-194140	Working	22/01/2026	Yes
E-NGD-194233	Working	22/01/2026	Yes
E-NGD-194237	Working	22/01/2026	Yes
E-NGD-194238	Working	22/01/2026	Yes
E-NGD-197889	Working	22/01/2026	Yes
E-NGD-060759	Working	22/01/2026	Yes
E-NGD-198318	Working	22/01/2026	Yes
E-NGD-060761	Working	22/01/2026	Yes
E-NGD-060764	Working	22/01/2026	Yes
E-NGD-060805	Working	22/01/2026	Yes

E-NGD-060806	Working	22/01/2026	Yes
E-NGD-060807	Working	22/01/2026	Yes
E-NGD-060808	Working	22/01/2026	Yes
E-NGD-060809	Working	22/01/2026	Yes
E-NGD-062927	Working	22/01/2026	Yes
E-NGD-113537	Working	22/01/2026	Yes

Part B**Source Details:**

Source Identification no.	Isotope	Last Operational Status	Last Operational Status Date	Status Updated in last 6 month
S-NGD-012341	Cs-137	Unused	22/01/2026	Yes
S-NGD-034264	Cs-137	Unused	22/01/2026	Yes
S-NGD-034248	Cs-137	Unused	22/01/2026	Yes
S-NGD-034268	Cs-137	Unused	22/01/2026	Yes

S-NGD-034522	Cs-137	Unused	22/01/2026	Yes
S-NGD-034250	Cs-137	Unused	22/01/2026	Yes
S-NGD-034286	Cs-137	Unused	22/01/2026	Yes
S-NGD-034293	Cs-137	Unused	22/01/2026	Yes
S-NGD-012343	Cs-137	Unused	22/01/2026	Yes
S-NGD-034247	Cs-137	Unused	22/01/2026	Yes
S-NGD-034284	Cs-137	Working	22/01/2026	Yes
S-NGD-034263	Cs-137	Working	22/01/2026	Yes
S-NGD-034261	Cs-137	Working	22/01/2026	Yes
S-NGD-034292	Cs-137	Working	22/01/2026	Yes

S-NGD-038356	Am-241	Working	22/01/2026	Yes
S-NGD-014467	Am-241	Working	22/01/2026	Yes
S-NGD-012345	Cs-137	Working	22/01/2026	Yes
S-NGD-012344	Cs-137	Working	22/01/2026	Yes
S-NGD-012346	Cs-137	Working	22/01/2026	Yes
S-NGD-012338	Cs-137	Working	22/01/2026	Yes
S-NGD-012339	Cs-137	Working	22/01/2026	Yes
S-NGD-012347	Cs-137	Working	22/01/2026	Yes

S-NGD-012340	Cs-137	Working	22/01/2026	Yes
S-NGD-035086	Cs-137	Working	22/01/2026	Yes
S-NGD-012342	Cs-137	Working	22/01/2026	Yes
S-NGD-035029	Cs-137	Working	22/01/2026	Yes
S-NGD-034315	Cs-137	Working	22/01/2026	Yes
S-NGD-034310	Cs-137	Working	22/01/2026	Yes
S-NGD-034296	Cs-137	Working	22/01/2026	Yes
S-NGD-034283	Cs-137	Working	22/01/2026	Yes
S-NGD-034269	Cs-137	Working	22/01/2026	Yes
S-NGD-034288	Cs-137	Working	22/01/2026	Yes

S-NGD-034240	Cs-137	Working	22/01/2026	Yes
S-NGD-034294	Cs-137	Working	22/01/2026	Yes

Part C**Institute Details:**

Name : SINDESAR KHURD MINES, HINDUSTAN ZINC LIMITED
 Permanent Address : PO DARIBA ,
 Landmark :
 City : RAJSAMAND
 State : RAJASTHAN
 Postal Code : 313211
 Telephone Number : 02952265151
 Fax Number : 02952265143
 Email Id : nihal.bagora@vedanta.co.in

Head of the Institute Details:

Name : SACHIN DESHMUKH
 Designation : UNIT HEAD
 Telephone Number(Office) : 01483243175
 Mobile Number : 9799174999
 Email Id : sachin.deshmukh@vedanta.co.in

Licensee Details:

Name : SACHIN DESHMUKH
 Designation : UNIT HEAD
 Telephone Number(Office) : 01483243175
 Mobile Number : 9799174999
 Email Id : sachin.deshmukh@vedanta.co.in

Part D**Employee Details:**

SRL No	Name	Date of Birth	Designation	PMS No.
1	RAJASEKAR.A	07/05/1985	ASSISTANT MANAGER	003096C0025

Part E**Safety Tool Details:**

SRL No	Instrument ID	Instrument Type	Make	Model	Sr. No.	Availability	Last Calibration Date
1	SE-0120247	Survey meter	ATOMTEX	AT6130	21841	Available	01/01/2025
2	SE-0038692	Scintillation Counter	NA	NA	NA	Available	

Part F**Upload Safety Status Report Details:**

Whether trained/certified staff member(s) declared : Yes
in eLORA is/are adequate and available in your institute?

Whether functional radiation measuring tool(s), : Yes
monitoring tool(s), QA tools and safety tool(s)
is/are available as declared in eLORA?

Whether all the Radioactive source(s), equipment(s) : Yes
and installation(s) are safe and secured from
radiation safety standpoint?

Whether Operational Status of Radioactive : Yes
source(s), equipment(s) and installation(s) declared
in eLORA is/are updated?

From Date : 22/07/2025

To Date : 22/01/2026

Other attachment (if any specific matter need to be : SSR JAN2026.pdf
reported to AERB)

Questions	Answers	Comments
The employer, licensee, and employee name are updated in e-LORA	Yes	NA
The contact details of Institute, employer, licensee and RSO are updated in e-LORA	Yes	NA
RSO approval is valid	Yes	NA
All the radiation sources / radiation equipment	Yes	NA

available in the institution are listed in e-LORA		
Licence for operation for Nucleonic gauge facility is obtained/permission to operate for nucleonic gauges is also obtained	Yes	NA
Status of all nucleonic gauges/sources were physically verified by RSO periodically	Yes	NA
Whether disused sources / equipment are available in the institute	Yes	NA
Whether Steps initiated to dispose of disused source(s).	Yes	NA
Whether leak test / swipe test of radioactive source(s) is carried out during this reporting period and records are maintained	Yes	NA
Adequate numbers of qualified and trained personnel are available in the institution	Yes	NA
Personal monitoring badges (TLD badge / neutron badge) are provided to all the radiation workers and dose records are up to date	Yes	NA
Proper use and storage of personal monitoring badges by the radiation workers are ensured	Yes	NA
The response to the all active non compliance has been submitted in time. i.e There is no active non-compliance(s) pending in the Nucleonic Gauge Profile in e-LORA against the institution	Yes	NA
Records of all submissions made to AERB and approvals received are maintained	Yes	NA
Minimum numbers of required monitoring instruments (radiation survey meters) with valid calibration are available	Yes	NA
Whether Radiological protection survey around the nucleonic gauges carried out periodically and the radiation levels are found to be within permissible limits	Yes	NA
Emergency Preparedness and response plan is prepared for nucleonic gauge facility	Yes	NA
Emergency handling procedures are displayed at appropriate places in the radiation facility	Yes	NA
Radiation warning symbol (for radioactive / radiation generating equipment) and warning in English, Hindi and regional language are displayed at appropriate places in the radiation facility	Yes	NA
Log book maintained for issues pertaining to repair, servicing and maintenance of NG	Yes	NA

device(s) is maintained		
Security Plan is prepared as per the prescribed format and submitted/updated to AERB	Yes	NA
Physical Security measures for radioactive source(s) are implemented as per plan	Yes	NA
Reporting of the incidents, if any and its investigation and implementation of remedial action are carried out		NA
The transport of disused / decayed source for its disposal were carried out with the permission of AERB		NA
No radiological unusual incidents / excessive exposure have occurred in the institute during this reporting period	Yes	NA
Arrangement for Safe Disposal of disused Nucleonic Gauges/Sources with supplier/manufacturer is made available	Yes	NA
27		NA
28		NA
29		NA
30		NA
31	Yes	NA
32		NA
33		NA
34		NA
35		NA

Part G

Undertaking:

I/We hereby certify that the particulars provided in this application are true and correct to the best of my knowledge and belief. I understand that if at any stage it is found that the information provided by me/us is/are false or not authentic, appropriate regulatory action may be initiated against me/us and my/our institution.

-----End of Application-----



भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	M/s Hindustan Zinc Limited						
Project Address:	M/s Hindustan Zinc Limited						
Village:	Sindesar Khurd	Block:	Railmagra				
District:	Rajsamand	State:	Rajasthan				
Pin Code:							
Communication Address:	M/s Hindustan Zinc Limited, Sindesar Khurd Mines, Po Dariba, , Rajsamand, Rajasthan - 313211						
Address of CGWB Regional Office :	Central Ground Water Board Western Region, 6-a, Jhalana Doongri, Jaipur, Rajasthan - 302004						

1. NOC No.:	CGWA/NOC/MIN/REN/3/2024/10407	2. Date of Issuance	31/12/2024										
3. Application No.:	21-4/308/RJ/MIN/2008	4. Category: (GWRE 2023)	Over Exploited										
5. Project Status:	Existing With Additional Ground Water Requirement	6. NOC Type:	Renewal										
7. Valid from:	24/09/2024	8. Valid up to:	23/09/2026										
9. Ground Water Abstraction Permitted:													
Fresh Water		Saline Water		Dewatering		Total							
m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year						
0.00	0.00			395.00	144175.00	395.00	144175.00						
10. Details of ground water abstraction /Dewatering structures													
Total Existing No.:3							Total Proposed No.:0						
	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu	
Dewatering Structure*	0	0	0	0	0	3	0	0	0	0	0	0	
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps													
11. Ground Water Abstraction/Restoration Charges paid (Rs.):							2883500.00						
12. Environment Compensation (if applicable) paid (Rs.):							0.00						
13. Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.							Monitoring Mechanism						
							Manual	DWLR**	DWLR With Telemetry				
**DWLR - Digital Water Level Recorder							0	1	0				

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

पानी बचाये - जीवन बचाये
SAVE WATER - SAVE LIFE



HINDUSTAN ZINC LIMITED

**COMPREHENSIVE HYDROGEOLOGICAL
REPORT**

FOR

SINDESAR KHURD MINE

IN

**VILLAGE: SINDESAR KHURD, BLOCK: RAILMAGRA
TEHSIL: RAILMAGRA, DIST.: RAJSAMAND
STATE: RAJASTHAN**

SEPTEMBER 2024

Revision: Nil

Prepared By		
FLOODKON CONSULTANTS LLP B-125, LOGIX TECHNOVA, SECTOR-132, NOIDA, UTTAR PRADESH-201304 Accredited by QCI – NABET		 (Project Coordinator)

2.3 Land Use/ Land Cover of the Surrounding area

Land cover indicates the physical land type such as forest, wetlands, agricultural land and water types whereas Land use documents how people are using the land. Changes in the landcover can lead to significant contributions to stream and recharge, runoff as well as soil erosion through complex interactions among vegetation, soils, geology, terrain and climate processes.

For the year 2022, the Land use/Landcover (LU/LC) for the study area has been prepared using the ESRI Land use/Landcover (LU/LC) timeseries layer derived from ESA sentinel – 2 imageries at 10 m resolution. The LU/LC map of the study area is provided on Plate 2.4.

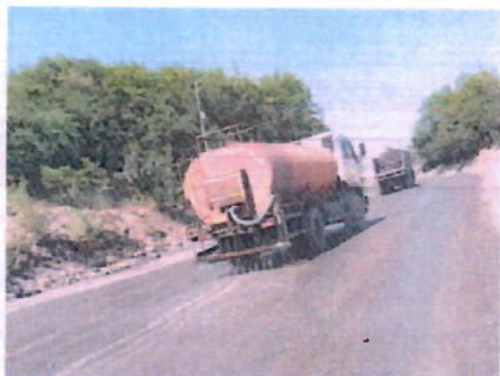
From the LU/LC, it can be observed that in Core zone (2 Km), the area is majorly occupied by agricultural land followed by built-up area and barren land. The remaining other classes occupy less than 5% of the Core zone. Whereas in the Buffer zone (10 Km), the area is majorly occupied by agricultural land followed by Barren Land and built-up area. The remaining other classes occupy less than 5% of the Buffer zone. Table 2.1 shows the distribution of different classes in the core and buffer zone.

Table 2.1 Land use/ land cover of the study area

	Description	Core Zone (2 Km)		Buffer Zone (10 Km)	
		Area (ha)	Area %	Area (ha)	Area %
	Water Body	0.02	0.00	175.26	0.46
	Forest Area	9.46	0.34	261.2	0.68
	Agricultural Land	2326.08	82.65	29926.48	78.11
	Built-up Area	265.66	9.44	3007.95	7.85
	Wasteland	1.34	0.05	507.99	1.33
	Barren Land	211.72	7.52	4433.92	11.57
	Total	2814.28	100.00	38312.80	100.00

Annexure-10

Hindustan Zinc Limited Sindesar Khurd Mine Dariba, Dist. Rajsamand, Rajasthan



Water sprinkling on haul road



Water sprinkling on haul road in underground



Auto dust suppression system at crusher



Mechanized vacuum road sweeper



Roadside plantation

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/20251117/63	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/W/20251117/63	Date of Report: 29.11.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Sample Receipt : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Details of Sample : Peizowell No. 1 Water
Sample submitted by : SCS representative

Parameter	Results	Protocol
Total Dissolved Solids	1,452.00 Mg / L	APHA (24 th Edition) 2540 C
Total Solids	1,465.00 Mg / L	APHA (24 th Edition) 2540 B
Total Suspended Solids	13.00 Mg / L	APHA (24 th Edition) 2540 D
COD	20 Mg / L	APHA (24 th Edition) 5220 B
BOD	5.2 Mg / L	IS 3025 (Part 44)
Chloride as Cl	317.8 Mg / L	APHA (24 th Edition) 4500 Cl ⁻ B
Dissolved Oxygen	4.2 Mg / L	IS 3025 (Part 38)
Cyanide	< 0.01 Mg / L	APHA (24 th Edition) 4500 CN C & E
Fluoride as F	1.27 Mg / L	APHA (24 th Edition) 4500 F D
Total Hardness as CaCO ₃	480.00 Mg / L	APHA (24 th Edition) 2340 C
pH	7.5	APHA (24 th Edition) 4500 H
Phosphate Total	1.20 Mg / L	APHA (24 th Edition) 4500 P C
Sulphide as S	< 0.50 Mg / L	APHA (24 th Edition) 4500 F
Total Arsenic as As	< 0.005 Mg / L	APHA (24 th Edition) 3114B
Cadmium as Cd	< 0.003 Mg / L	APHA (24 th Edition) 3111B
Copper as Cu	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Iron as Fe	0.12 Mg / L	APHA (24 th Edition) 3111B
Lead as Pb	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Mercury as Hg	< 0.001 Mg / L	APHA (24 th Edition) 3112B
Nickel as Ni	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Zinc as Zn	0.24 Mg / L	APHA (24 th Edition) 3111B
Total Alkalinity as CaCO ₃	416.0 Mg / L	APHA (24 th Edition) 2320
Oil & Grease	< 5.00 Mg / L	APHA (24 th Edition) 5520 B
Cobalt as Co	< 0.01 Mg / L	APHA (24 th Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd;

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



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**SCS ENVIRO SERVICES PRIVATE LIMITED**

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

**TC-13363**

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

Sample ID No.: SCS/W/20251117/64	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/W/20251117/64	Date of Report: 29.11.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Sample Receipt : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Details of Sample : Peizowell No. 2 Water
Sample submitted by : SCS representative

Parameter	Results	Protocol
Total Dissolved Solids	1,260.00 Mg / L	APHA (24 th Edition) 2540 C
Total Solids	1,270.00 Mg / L	APHA (24 th Edition) 2540 B
Total Suspended Solids	10.00 Mg / L	APHA (24 th Edition) 2540 D
COD	13 Mg / L	APHA (24 th Edition) 5220 B
BOD	4.0 Mg / L	IS 3025 (Part 44)
Chloride as Cl	319.8 Mg / L	APHA (24 th Edition) 4500 Cl ⁻ B
Dissolved Oxygen	4.4 Mg / L	IS 3025 (Part 38)
Cyanide	< 0.01 Mg / L	APHA (24 th Edition) 4500 CN C & E
Fluoride as F	1.37 Mg / L	APHA (24 th Edition) 4500 F D
Total Hardness as CaCO ₃	400.00 Mg / L	APHA (24 th Edition) 2340 C
pH	7.12	APHA (24 th Edition) 4500 H
Phosphate Total	1.30 Mg / L	APHA (24 th Edition) 4500 P C
Sulphide as S	< 0.50 Mg / L	APHA (24 th Edition) 4500 F
Total Arsenic as As	< 0.005 Mg / L	APHA (24 th Edition) 3114B
Cadmium as Cd	< 0.003 Mg / L	APHA (24 th Edition) 3111B
Copper as Cu	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Iron as Fe	0.07 Mg / L	APHA (24 th Edition) 3111B
Lead as Pb	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Mercury as Hg	< 0.001 Mg / L	APHA (24 th Edition) 3112B
Nickel as Ni	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Zinc as Zn	0.16 Mg / L	APHA (24 th Edition) 3111B
Total Alkalinity as CaCO ₃	196.0 Mg / L	APHA (24 th Edition) 2320
Oil & Grease	< 5.00 Mg / L	APHA (24 th Edition) 5520 B
Cobalt as Co	< 0.01 Mg / L	APHA (24 th Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd;

[Signature]
Dr. D. S. Parihar
(Technical Manager)
Authorized Signatory



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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/20251117/65	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/W/20251117/65	Date of Report: 29.11.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Sample Receipt : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Details of Sample : Peizowell No. 3 Water
Sample submitted by : SCS representative

Parameter	Results	Protocol
Total Dissolved Solids	1,457.00 Mg / L	APHA (24 th Edition) 2540 C
Total Solids	1,469.00 Mg / L	APHA (24 th Edition) 2540 B
Total Suspended Solids	12.00 Mg / L	APHA (24 th Edition) 2540 D
COD	11 Mg / L	APHA (24 th Edition) 5220 B
BOD	3.5 Mg / L	IS 3025 (Part 44)
Chloride as Cl	319.8 Mg / L	APHA (24 th Edition) 4500 Cl ⁻ B
Dissolved Oxygen	4.2 Mg / L	IS 3025 (Part 38)
Cyanide	< 0.01 Mg / L	APHA (24 th Edition) 4500 CN C & E
Fluoride as F	1.10 Mg / L	APHA (24 th Edition) 4500 F D
Total Hardness as CaCO ₃	320.00 Mg / L	APHA (24 th Edition) 2340 C
pH	7.36	APHA (24 th Edition) 4500 H
Phosphate Total	< 0.50 Mg / L	APHA (24 th Edition) 4500 P C
Sulphide as S	< 0.50 Mg / L	APHA (24 th Edition) 4500 F
Total Arsenic as As	< 0.005 Mg / L	APHA (24 th Edition) 3114B
Cadmium as Cd	< 0.003 Mg / L	APHA (24 th Edition) 3111B
Copper as Cu	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Iron as Fe	0.08 Mg / L	APHA (24 th Edition) 3111B
Lead as Pb	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Mercury as Hg	< 0.001 Mg / L	APHA (24 th Edition) 3112B
Nickel as Ni	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Zinc as Zn	0.15 Mg / L	APHA (24 th Edition) 3111B
Total Alkalinity as CaCO ₃	220.0 Mg / L	APHA (24 th Edition) 2320
Oil & Grease	< 5.00 Mg / L	APHA (24 th Edition) 5520 B
Cobalt as Co	< 0.01 Mg / L	APHA (24 th Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd:


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



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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/20251117/66	Date of Registration: 17.11.2025
Report No. SCS/HZL-RDM/W/20251117/66	Date of Report: 29.11.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Sample Receipt : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Details of Sample : Peizowell No. 4 Water
Sample submitted by : SCS representative

Parameter	Results	Protocol
Total Dissolved Solids	1,081.00 Mg / L	APHA (24 th Edition) 2540 C
Total Solids	1,091.00 Mg / L	APHA (24 th Edition) 2540 B
Total Suspended Solids	10.00 Mg / L	APHA (24 th Edition) 2540 D
COD	10 Mg / L	APHA (24 th Edition) 5220 B
BOD	3 Mg / L	IS 3025 (Part 44)
Chloride as Cl	189.9 Mg / L	APHA (24 th Edition) 4500 Cl ⁻ B
Dissolved Oxygen	4.1 Mg / L	IS 3025 (Part 38)
Cyanide	< 0.01 Mg / L	APHA (24 th Edition) 4500 CN C & E
Fluoride as F	1.06 Mg / L	APHA (24 th Edition) 4500 F D
Total Hardness as CaCO ₃	440.00 Mg / L	APHA (24 th Edition) 2340 C
pH	7.54	APHA (24 th Edition) 4500 H
Phosphate Total	1.2 Mg / L	APHA (24 th Edition) 4500 P C
Sulphide as S	< 0.50 Mg / L	APHA (24 th Edition) 4500 F
Total Arsenic as As	< 0.005 Mg / L	APHA (24 th Edition) 3114B
Cadmium as Cd	< 0.003 Mg / L	APHA (24 th Edition) 3111B
Copper as Cu	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Iron as Fe	0.05 Mg / L	APHA (24 th Edition) 3111B
Lead as Pb	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Mercury as Hg	< 0.001 Mg / L	APHA (24 th Edition) 3112B
Nickel as Ni	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Zinc as Zn	0.25 Mg / L	APHA (24 th Edition) 3111B
Total Alkalinity as CaCO ₃	260.0 Mg / L	APHA (24 th Edition) 2320
Oil & Grease	< 5.00 Mg / L	APHA (24 th Edition) 5520 B
Cobalt as Co	< 0.01 Mg / L	APHA (24 th Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd;


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



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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/20251117/67	Date of Registration: 17.11.2025
Report No. SCS/HZL-RDM/W/20251117/67	Date of Report: 29.11.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Sample Receipt : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Details of Sample : Peizowell No. 5 Water
Sample submitted by : SCS representative

Parameter	Results	Protocol
Total Dissolved Solids	1,524.00 Mg / L	APHA (24 th Edition) 2540 C
Total Solids	1,232.00 Mg / L	APHA (24 th Edition) 2540 B
Total Suspended Solids	8.00 Mg / L	APHA (24 th Edition) 2540 D
COD	20 Mg / L	APHA (24 th Edition) 5220 B
BOD	4.7 Mg / L	IS 3025 (Part 44)
Chloride as Cl	355.9 Mg / L	APHA (24 th Edition) 4500 Cl ⁻ B
Dissolved Oxygen	4.2 Mg / L	IS 3025 (Part 38)
Cyanide	< 0.01 Mg / L	APHA (24 th Edition) 4500 CN C & E
Fluoride as F	1.45 Mg / L	APHA (24 th Edition) 4500 F D
Total Hardness as CaCO ₃	492.00 Mg / L	APHA (24 th Edition) 2340 C
pH	7.19	APHA (24 th Edition) 4500 H
Phosphate Total	1.40 Mg / L	APHA (24 th Edition) 4500 P C
Sulphide as S	< 0.50 Mg / L	APHA (24 th Edition) 4500 F
Total Arsenic as As	< 0.005 Mg / L	APHA (24 th Edition) 3114B
Cadmium as Cd	< 0.003 Mg / L	APHA (24 th Edition) 3111B
Copper as Cu	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Iron as Fe	0.10 Mg / L	APHA (24 th Edition) 3111B
Lead as Pb	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Mercury as Hg	< 0.001 Mg / L	APHA (24 th Edition) 3112B
Nickel as Ni	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Zinc as Zn	0.20 Mg / L	APHA (24 th Edition) 3111B
Total Alkalinity as CaCO ₃	180.0 Mg / L	APHA (24 th Edition) 2320
Oil & Grease	< 5.00 Mg / L	APHA (24 th Edition) 5520 B
Cobalt as Co	< 0.01 Mg / L	APHA (24 th Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd;


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



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- The liability of the laboratory is limited to the invoiced amount.
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**SCS ENVIRO SERVICES PRIVATE LIMITED**

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



TC-13363

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

Sample ID No.: SCS/W/20251117/68	Date of Registration: 17.11.2025
Report No. SCS/HZL-RDM/W/20251117/68	Date of Report: 29.11.2025

TEST REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Sample Receipt : 18.11.2025
Date of start of testing : 20.11.2025
Date of end of testing : 29.11.2025
Details of Sample : Peizowell No. 6 Water
Sample submitted by : SCS representative

Parameter	Results	Protocol
Total Dissolved Solids	1,106.00 Mg / L	APHA (24 th Edition) 2540 C
Total Solids	1,120.00 Mg / L	APHA (24 th Edition) 2540 B
Total Suspended Solids	14.00 Mg / L	APHA (24 th Edition) 2540 D
COD	15 Mg / L	APHA (24 th Edition) 5220 B
BOD	4 Mg / L	IS 3025 (Part 44)
Chloride as Cl	329.9 Mg / L	APHA (24 th Edition) 4500 Cl ⁻ B
Dissolved Oxygen	4.0 Mg / L	IS 3025 (Part 38)
Cyanide	< 0.01 Mg / L	APHA (24 th Edition) 4500 CN C & E
Fluoride as F	1.35 Mg / L	APHA (24 th Edition) 4500 F D
Total Hardness as CaCO ₃	560.00 Mg / L	APHA (24 th Edition) 2340 C
pH	7.26	APHA (24 th Edition) 4500 H
Phosphate Total	1.0 Mg / L	APHA (24 th Edition) 4500 P C
Sulphide as S	< 0.50 Mg / L	APHA (24 th Edition) 4500 F
Total Arsenic as As	< 0.005 Mg / L	APHA (24 th Edition) 3114B
Cadmium as Cd	< 0.003 Mg / L	APHA (24 th Edition) 3111B
Copper as Cu	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Iron as Fe	0.05 Mg / L	APHA (24 th Edition) 3111B
Lead as Pb	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Mercury as Hg	< 0.001 Mg / L	APHA (24 th Edition) 3112B
Nickel as Ni	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Zinc as Zn	0.16 Mg / L	APHA (24 th Edition) 3111B
Total Alkalinity as CaCO ₃	412.0 Mg / L	APHA (24 th Edition) 2320
Oil & Grease	< 5.00 Mg / L	APHA (24 th Edition) 5520 B
Cobalt as Co	< 0.01 Mg / L	APHA (24 th Edition) 3111B

Per pro SCS Enviro Services Pvt. Ltd;


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



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(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)

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Test Report

Water Analysis

Report Code: W-240226-55

Issue Date: 06/03/2026.

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES
P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Sample Receipt : 21.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Details of Sample : Peizowell No. 1 Water
Sample submitted by : ITS Representative

Parameter	Results	Protocol
Total Dissolved Solids	1,167.00 Mg / L	APHA (24 th Edition) 2540 C
Total Solids	1,177.00 Mg / L	APHA (24 th Edition) 2540 B
Total Suspended Solids	10.00 Mg / L	APHA (24 th Edition) 2540 D
COD	15 Mg / L	APHA (24 th Edition) 5220 B
BOD	4.8 Mg / L	IS 3025 (Part 44)
Chloride as Cl	263.9 Mg / L	APHA (24 th Edition) 4500 Cl ⁻ B
Dissolved Oxygen	4.0 Mg / L	IS 3025 (Part 38)
Cyanide	< 0.01 Mg / L	APHA (24 th Edition) 4500 CN C & E
Fluoride as F	1.22 Mg / L	APHA (24 th Edition) 4500 F D
Total Hardness as CaCO ₃	440.00 Mg / L	APHA (24 th Edition) 2340 C
pH	7.09	APHA (24 th Edition) 4500 H
Phosphate Total	1.10 Mg / L	APHA (24 th Edition) 4500 P C
Sulphide as S	< 0.50 Mg / L	APHA (24 th Edition) 4500 F
Total Arsenic as As	< 0.005 Mg / L	APHA (24 th Edition) 3114B
Cadmium as Cd	< 0.003 Mg / L	APHA (24 th Edition) 3111B
Copper as Cu	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Iron as Fe	0.06 Mg / L	APHA (24 th Edition) 3111B
Lead as Pb	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Mercury as Hg	< 0.001 Mg / L	APHA (24 th Edition) 3112B
Nickel as Ni	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Zinc as Zn	0.20 Mg / L	APHA (24 th Edition) 3111B
Total Alkalinity as CaCO ₃	316.00 Mg / L	APHA (24 th Edition) 2320
Oil & Grease	< 5.00 Mg / L	APHA (24 th Edition) 5520 B
Cobalt as Co	< 0.01 Mg / L	APHA (24 th Edition) 3111B

Checked By



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Test Report

Water Analysis

Report Code: W-240226-56

Issue Date: 06/03/2026

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES

P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Sample Receipt : 21.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Details of Sample : Peizowell No 2 Water
Sample submitted by : ITS Representative

Parameter	Results	Protocol
Total Dissolved Solids	1,209.00 Mg / L	APHA (24 th Edition) 2540 C
Total Solids	1,224.00 Mg / L	APHA (24 th Edition) 2540 B
Total Suspended Solids	15.00 Mg / L	APHA (24 th Edition) 2540 D
COD	10 Mg / L	APHA (24 th Edition) 5220 B
BOD	3.6 Mg / L	IS 3025 (Part 44)
Chloride as Cl	293.9 Mg / L	APHA (24 th Edition) 4500 Cl ⁻ B
Dissolved Oxygen	4.1 Mg / L	IS 3025 (Part 38)
Cyanide	< 0.01 Mg / L	APHA (24 th Edition) 4500 CN C & E
Fluoride as F	1.30 Mg / L	APHA (24 th Edition) 4500 F D
Total Hardness as CaCO ₃	432.00 Mg / L	APHA (24 th Edition) 2340 C
pH	7.16	APHA (24 th Edition) 4500 H
Phosphate Total	1.20 Mg / L	APHA (24 th Edition) 4500 P C
Sulphide as S	< 0.50 Mg / L	APHA (24 th Edition) 4500 F
Total Arsenic as As	< 0.005 Mg / L	APHA (24 th Edition) 3114B
Cadmium as Cd	< 0.003 Mg / L	APHA (24 th Edition) 3111B
Copper as Cu	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Iron as Fe	0.06 Mg / L	APHA (24 th Edition) 3111B
Lead as Pb	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Mercury as Hg	< 0.001 Mg / L	APHA (24 th Edition) 3112B
Nickel as Ni	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Zinc as Zn	0.25 Mg / L	APHA (24 th Edition) 3111B
Total Alkalinity as CaCO ₃	212.00 Mg / L	APHA (24 th Edition) 2320
Oil & Grease	< 5.00 Mg / L	APHA (24 th Edition) 5520 B
Cobalt as Co	< 0.01 Mg / L	APHA (24 th Edition) 3111B

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Test Report

Water Analysis

Report Code: W-240226-57

Issue Date: 06/03/2026

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES

P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Sample Receipt : 21.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Details of Sample : Peizowell No. 3 Water
Sample submitted by : ITS Representative

Parameter	Results	Protocol
Total Dissolved Solids	1,205.00 Mg / L	APHA (24 th Edition) 2540 C
Total Solids	1,229.00 Mg / L	APHA (24 th Edition) 2540 B
Total Suspended Solids	11.00 Mg / L	APHA (24 th Edition) 2540 D
COD	10 Mg / L	APHA (24 th Edition) 5220 B
BOD	3.2 Mg / L	IS 3025 (Part 44)
Chloride as Cl	147.95 Mg / L	APHA (24 th Edition) 4500 Cl ⁻ B
Dissolved Oxygen	4.4 Mg / L	IS 3025 (Part 38)
Cyanide	< 0.01 Mg / L	APHA (24 th Edition) 4500 CN C & E
Fluoride as F	0.89 Mg / L	APHA (24 th Edition) 4500 F D
Total Hardness as CaCO ₃	152.00 Mg / L	APHA (24 th Edition) 2340 C
pH	7.52	APHA (24 th Edition) 4500 H
Phosphate Total	< 0.50 Mg / L	APHA (24 th Edition) 4500 P C
Sulphide as S	< 0.50 Mg / L	APHA (24 th Edition) 4500 F
Total Arsenic as As	< 0.005 Mg / L	APHA (24 th Edition) 3114B
Cadmium as Cd	< 0.003 Mg / L	APHA (24 th Edition) 3111B
Copper as Cu	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Iron as Fe	0.02 Mg / L	APHA (24 th Edition) 3111B
Lead as Pb	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Mercury as Hg	< 0.001 Mg / L	APHA (24 th Edition) 3112B
Nickel as Ni	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Zinc as Zn	0.08 Mg / L	APHA (24 th Edition) 3111B
Total Alkalinity as CaCO ₃	148.0 Mg / L	APHA (24 th Edition) 2320
Oil & Grease	< 5.00 Mg / L	APHA (24 th Edition) 5520 B
Cobalt as Co	< 0.01 Mg / L	APHA (24 th Edition) 3111B

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Test Report

Water Analysis

Report Code: W-240226-58

Issue Date: 06/03/2026.

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES

P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Sample Receipt : 21.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Details of Sample : Peizowell No - 4 Water
Sample submitted by : ITS Representative

Parameter	Results	Protocol
Total Dissolved Solids	1,184.00 Mg / L	APHA (24 th Edition) 2540 C
Total Solids	1,197.00 Mg / L	APHA (24 th Edition) 2540 B
Total Suspended Solids	13.00 Mg / L	APHA (24 th Edition) 2540 D
COD	9 Mg / L	APHA (24 th Edition) 5220 B
BOD	4 Mg / L	IS 3025 (Part 44)
Chloride as Cl	133.95 Mg / L	APHA (24 th Edition) 4500 Cl ⁻ B
Dissolved Oxygen	4.3 Mg / L	IS 3025 (Part 38)
Cyanide	< 0.01 Mg / L	APHA (24 th Edition) 4500 CN C & E
Fluoride as F	0.76 Mg / L	APHA (24 th Edition) 4500 F D
Total Hardness as CaCO ₃	140.00 Mg / L	APHA (24 th Edition) 2340 C
pH	7.66	APHA (24 th Edition) 4500 H
Phosphate Total	1.3 Mg / L	APHA (24 th Edition) 4500 P C
Sulphide as S	< 0.50 Mg / L	APHA (24 th Edition) 4500 F
Total Arsenic as As	< 0.005 Mg / L	APHA (24 th Edition) 3114B
Cadmium as Cd	< 0.003 Mg / L	APHA (24 th Edition) 3111B
Copper as Cu	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Iron as Fe	0.02 Mg / L	APHA (24 th Edition) 3111B
Lead as Pb	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Mercury as Hg	< 0.001 Mg / L	APHA (24 th Edition) 3112B
Nickel as Ni	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Zinc as Zn	0.09 Mg / L	APHA (24 th Edition) 3111B
Total Alkalinity as CaCO ₃	156.0 Mg / L	APHA (24 th Edition) 2320
Oil & Grease	< 5.00 Mg / L	APHA (24 th Edition) 5520 B
Cobalt as Co	< 0.01 Mg / L	APHA (24 th Edition) 3111B

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Test Report

Water Analysis

Report Code: W-240226-59

Issue Date: 06/03/2026.

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES

P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Sample Receipt : 21.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Details of Sample : Peizowell No. 5 Water
Sample submitted by : ITS Representative

Parameter	Results	Protocol
Total Dissolved Solids	1,583.00 Mg / L	APHA (24 th Edition) 2540 C
Total Solids	1,593.00 Mg / L	APHA (24 th Edition) 2540 B
Total Suspended Solids	10.00 Mg / L	APHA (24 th Edition) 2540 D
COD	26 Mg / L	APHA (24 th Edition) 5220 B
BOD	6.2 Mg / L	IS 3025 (Part 44)
Chloride as Cl	379.8 Mg / L	APHA (24 th Edition) 4500 Cl ⁻ B
Dissolved Oxygen	3.8 Mg / L	IS 3025 (Part 38)
Cyanide	< 0.01 Mg / L	APHA (24 th Edition) 4500 CN C & E
Fluoride as F	1.40 Mg / L	APHA (24 th Edition) 4500 F D
Total Hardness as CaCO ₃	528.00 Mg / L	APHA (24 th Edition) 2340 C
pH	7.08	APHA (24 th Edition) 4500 H
Phosphate Total	0.90 Mg / L	APHA (24 th Edition) 4500 P C
Sulphide as S	< 0.50 Mg / L	APHA (24 th Edition) 4500 F
Total Arsenic as As	< 0.005 Mg / L	APHA (24 th Edition) 3114B
Cadmium as Cd	< 0.003 Mg / L	APHA (24 th Edition) 3111B
Copper as Cu	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Iron as Fe	0.08 Mg / L	APHA (24 th Edition) 3111B
Lead as Pb	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Mercury as Hg	< 0.001 Mg / L	APHA (24 th Edition) 3112B
Nickel as Ni	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Zinc as Zn	0.32 Mg / L	APHA (24 th Edition) 3111B
Total Alkalinity as CaCO ₃	220.0 Mg / L	APHA (24 th Edition) 2320
Oil & Grease	< 5.00 Mg / L	APHA (24 th Edition) 5520 B
Cobalt as Co	< 0.01 Mg / L	APHA (24 th Edition) 3111B

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Test Report

Water Analysis

Report Code: W-240226-60

Issue Date: 06/03/2026.

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES

P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Sample Receipt : 21.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 06.03.2026
Details of Sample : Peizowell No. 6 Water
Sample submitted by : ITS Representative

Parameter	Results	Protocol
Total Dissolved Solids	1,326.00 Mg / L	APHA (24 th Edition) 2540 C
Total Solids	1,348.00 Mg / L	APHA (24 th Edition) 2540 B
Total Suspended Solids	12.00 Mg / L	APHA (24 th Edition) 2540 D
COD	22 Mg / L	APHA (24 th Edition) 5220 B
BOD	4.9 Mg / L	IS 3025 (Part 44)
Chloride as Cl	343.8 Mg / L	APHA (24 th Edition) 4500 Cl ⁻ B
Dissolved Oxygen	3.6 Mg / L	IS 3025 (Part 38)
Cyanide	< 0.01 Mg / L	APHA (24 th Edition) 4500 CN C & E
Fluoride as F	1.30 Mg / L	APHA (24 th Edition) 4500 F D
Total Hardness as CaCO ₃	576.00 Mg / L	APHA (24 th Edition) 2340 C
pH	7.12	APHA (24 th Edition) 4500 H
Phosphate Total	0.90 Mg / L	APHA (24 th Edition) 4500 P C
Sulphide as S	< 0.50 Mg / L	APHA (24 th Edition) 4500 F
Total Arsenic as As	< 0.005 Mg / L	APHA (24 th Edition) 3114B
Cadmium as Cd	< 0.003 Mg / L	APHA (24 th Edition) 3111B
Copper as Cu	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Iron as Fe	0.07 Mg / L	APHA (24 th Edition) 3111B
Lead as Pb	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Mercury as Hg	< 0.001 Mg / L	APHA (24 th Edition) 3112B
Nickel as Ni	< 0.01 Mg / L	APHA (24 th Edition) 3111B
Zinc as Zn	0.24 Mg / L	APHA (24 th Edition) 3111B
Total Alkalinity as CaCO ₃	400.0 Mg / L	APHA (24 th Edition) 2320
Oil & Grease	< 5.00 Mg / L	APHA (24 th Edition) 5520 B
Cobalt as Co	< 0.01 Mg / L	APHA (24 th Edition) 3111B

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TC-6814

TEST CERTIFICATE

Test Report of	Report Code	Date of Issue	ULR No.
Water	W-241224-09	28/12/2024	TC681424000012538F

Name of Client : M/s Hindustan Zinc Limited.

Address of Client : Sindesar Khurd Mine, Village Sindesar Khurd,
Tehsil Relmagra, District Rajsamand, Rajasthan-313329.

Sample Description : Ground Water Sample Marked as Pz-1 & Pz-2

Sample Submitted By : Client

Date of Receipt Sample : 07.12.2024
Sample Quantity : 2.0 L Bottle

Analysis Duration : 07.12.24 to 11.12.24
Sample Condition : OK & Sealed

S. No.	Parameter	Units	Sample Code		Protocol	IS-10500:2012	
			Pz-1	Pz-2		Requirement (Acceptable Limit)	Permissible Limit
1.	pH (at 25°C)	--	7.40	7.51	IS-3025(P-11)	6.5 to 8.5	No relaxation
2.	Electrical Conductivity (at 25°C)	µS/cm	2190	2850	IS-3025(P-14)	-	-
3.	Total Dissolve Solids	mg/l	1300	1680	IS-3025(P-16)	500	2000
4.	Colour	Hazen	BDL	BDL	IS-3025(P-04)	5	15
5.	Turbidity	NTU	BDL	1.0	IS-3025(P-10)	1	5
6.	Total Alkalinity as CaCO ₃	mg/l	260	300	IS: 3025 (P- 23)	200	600
7.	Calcium as Ca	mg/l	84.17	116.23	IS: 3025 (P- 40)	75	200
8.	Magnesium as Mg	mg/l	46.21	55.94	IS: 3025 (P-46)	30	100
9.	Total Hardness as CaCO ₃	mg/l	400	520	IS: 3025 (P- 21)	200	600
10.	Chloride as Cl	mg/l	309.90	374.88	IS: 3025 (P- 32)	250	1000
11.	Sulphate as SO ₄	mg/l	148.50	162.40	IS: 3025 (P- 24)	200	400
12.	Nitrate as NO ₃	mg/l	20.40	18.30	IS: 3025 (P- 34)	45	No relaxation
13.	Fluoride as F	mg/l	1.10	1.00	IS: 3025 (P-60)	1	1.5
14.	Iron as Fe	mg/l	BDL	BDL	IS: 3025(P-53)	0.3	No relaxation
15.	Lead as Pb	mg/l	BDL	BDL	IS-3025(P-47)	0.01	No relaxation
16.	Cadmium as Cd	mg/l	BDL	BDL	IS: 3025 (P- 41)	0.003	No relaxation
17.	Zinc as Zn	mg/l	BDL	BDL	IS: 3025 (P- 49)	5	15
18.	Copper as Cu	mg/l	BDL	BDL	IS: 3025 (P-42)	0.05	1.5
19.	Chromium as Cr+6	mg/l	BDL	BDL	IS-3025(P-52)	-	-
20.	Nickel as Ni	mg/l	BDL	BDL	IS: 3025 (P-52)	0.02	No relaxation
21.	Manganese as Mn	mg/l	BDL	BDL	IS-3025(P-59)	0.1	0.3
22.	Dissolved Oxygen	mg/l	4.2	3.8	IS:3025(Part-38)	-	-

BDL: Below Detection Limit

Notes:

- The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
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TC-6814

TEST CERTIFICATE

Test Report of	Report Code	Date of Issue	ULR No.
Water	W-241224-010	28/12/2024	TC681424000012539F

Name of Client : M/s Hindustan Zinc Limited.

Address of Client : Sindesar Khurd Mine, Village Sindesar Khurd,
Tehsil Relmagra, District Rajsamand, Rajasthan-313329.

Sample Description : Ground Water Sample Marked as Pz-3 & Pz-4

Sample Submitted By : Client

Date of Receipt Sample : 07.12.2024

Sample Quantity : 2.0 L Bottle

Analysis Duration : 07.12.24 to 11.12.24

Sample Condition : OK & Sealed

S. No.	Parameter	Units	Sample Code		Protocol	IS-10500:2012	
			Pz-3	Pz-4		Requirement (Acceptable Limit)	Permissible Limit
1.	pH (at 25°C)	--	7.30	7.74	IS-3025(P-11)	6.5 to 8.5	No relaxation
2.	Electrical Conductivity (at 25°C)	µS/cm	1050	990	IS-3025(P-14)	-	-
3.	Total Dissolve Solids	mg/l	615	580	IS-3025(P-16)	500	2000
4.	Colour	Hazen	BDL	BDL	IS-3025(P-04)	5	15
5.	Turbidity	NTU	BDL	BDL	IS-3025(P-10)	1	5
6.	Total Alkalinity as CaCO ₃	mg/l	110	120	IS: 3025 (P- 23)	200	600
7.	Calcium as Ca	mg/l	48.10	40.08	IS: 3025 (P- 40)	75	200
8.	Magnesium as Mg	mg/l	19.46	17.02	IS: 3025 (P-46)	30	100
9.	Total Hardness as CaCO ₃	mg/l	200	170	IS: 3025 (P- 21)	200	600
10.	Chloride as Cl	mg/l	184.94	164.95	IS: 3025 (P- 32)	250	1000
11.	Sulphate as SO ₄	mg/l	84.50	69.30	IS: 3025 (P- 24)	200	400
12.	Nitrate as NO ₃	mg/l	11.70	10.60	IS: 3025 (P- 34)	45	No relaxation
13.	Fluoride as F	mg/l	0.90	0.85	IS: 3025 (P-60)	1	1.5
14.	Iron as Fe	mg/l	BDL	BDL	IS: 3025(P-53)	0.3	No relaxation
15.	Lead as Pb	mg/l	BDL	BDL	IS-3025(P-47)	0.01	No relaxation
16.	Cadmium as Cd	mg/l	BDL	BDL	IS: 3025 (P- 41)	0.003	No relaxation
17.	Zinc as Zn	mg/l	BDL	BDL	IS: 3025 (P- 49)	5	15
18.	Copper as Cu	mg/l	BDL	BDL	IS: 3025 (P-42)	0.05	1.5
19.	Chromium as Cr+6	mg/l	BDL	BDL	IS-3025(P-52)	-	-
20.	Nickel as Ni	mg/l	BDL	BDL	IS: 3025 (P-52)	0.02	No relaxation
21.	Manganese as Mn	mg/l	BDL	BDL	IS-3025(P-59)	0.1	0.3
22.	Dissolved Oxygen	mg/l	4.0	4.2	IS:3025(Part-38)	-	-

BDL: Below Detection Limit

Notes:

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TC-6814

TEST CERTIFICATE

Test Report of	Report Code	Date of Issue	ULR No.
Water	W-241224-011	28/12/2024	TC681424000012540F

Name of Client : M/s Hindustan Zinc Limited.

Address of Client : Sindesar Khurd Mine, Village Sindesar Khurd,
Tehsil Relmagra, District Rajsamand, Rajasthan-313329.

Sample Description : Ground Water
Sample Marked as Pz-5

Sample Submitted By : Client

Date of Receipt Sample : 07.12.2024

Analysis Duration

: 07.12.24 to 11.12.24

Sample Quantity : 2.0 L Bottle

Sample Condition

: OK & Sealed

S. No.	Parameter	Units	Sample Code	Protocol	IS-10500:2012	
			Pz-5		Requirement (Acceptable Limit)	Permissible Limit
1.	pH (at 25°C)	—	7.39	IS-3025(P-11)	6.5 to 8.5	No relaxation
2.	Electrical Conductivity (at 25°C)	µS/cm	1020	IS-3025(P-14)	-	-
3.	Total Dissolve Solids	mg/l	590	IS-3025(P-16)	500	2000
4.	Colour	Hazen	BDL	IS-3025(P-04)	5	15
5.	Turbidity	NTU	2.0	IS-3025(P-10)	1	5
6.	Total Alkalinity as CaCO ₃	mg/l	110	IS: 3025 (P- 23)	200	600
7.	Calcium as Ca	mg/l	44.09	IS: 3025 (P- 40)	75	200
8.	Magnesium as Mg	mg/l	17.02	IS: 3025 (P-46)	30	100
9.	Total Hardness as CaCO ₃	mg/l	180	IS: 3025 (P- 21)	200	600
10.	Chloride as Cl	mg/l	174.95	IS: 3025 (P- 32)	250	1000
11.	Sulphate as SO ₄	mg/l	70.10	IS: 3025 (P- 24)	200	400
12.	Nitrate as NO ₃	mg/l	11.20	IS: 3025 (P- 34)	45	No relaxation
13.	Fluoride as F	mg/l	0.90	IS: 3025 (P-60)	1	1.5
14.	Iron as Fe	mg/l	BDL	IS: 3025(P-53)	0.3	No relaxation
15.	Lead as Pb	mg/l	BDL	IS-3025(P-47)	0.01	No relaxation
16.	Cadmium as Cd	mg/l	BDL	IS: 3025 (P- 41)	0.003	No relaxation
17.	Zinc as Zn	mg/l	BDL	IS: 3025 (P- 49)	5	15
18.	Copper as Cu	mg/l	BDL	IS: 3025 (P-42)	0.05	1.5
19.	Chromium as Cr+6	mg/l	BDL	IS-3025(P-52)	-	-
20.	Nickel as Ni	mg/l	BDL	IS: 3025 (P-52)	0.02	No relaxation
21.	Manganese as Mn	mg/l	BDL	IS-3025(P-59)	0.1	0.3
22.	Dissolved Oxygen	mg/l	4.4	IS:3025(Part-38)	-	-

BDL: Below Detection Limit

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Aswini Joshi
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TC-6814

TEST CERTIFICATE

Test Report of	Report Code	Date of Issue	ULR No.
Water	W-241224-012	28/12/2024	TC681424000012541F

Name of Client : M/s Hindustan Zinc Limited.

Address of Client : Sindesar Khurd Mine, Village Sindesar Khurd,
Tehsil Relmagra, District Rajsamand, Rajasthan-313329.

Sample Description : Ground Water
Sample Marked as K-1 & K-2

Sample Submitted By : Client

Date of Receipt Sample : 07.12.2024

Sample Quantity : 2.0 L Bottle

Analysis Duration : 07.12.24 to 11.12.24

Sample Condition : OK & Sealed

S. No.	Parameter	Units	Sample Code		Protocol	IS-10500:2012	
			K-1	K-2		Requirement (Acceptable Limit)	Permissible Limit
1.	pH (at 25°C)	--	7.76	7.44	IS-3025(P-11)	6.5 to 8.5	No relaxation
2.	Electrical Conductivity (at 25°C)	µS/cm	1600	1750	IS-3025(P-14)	-	-
3.	Total Dissolve Solids	mg/l	960	1030	IS-3025(P-16)	500	2000
4.	Colour	Hazen	BDL	BDL	IS-3025(P-04)	5	15
5.	Turbidity	NTU	BDL	1.0	IS-3025(P-10)	1	5
6.	Total Alkalinity as CaCO ₃	mg/l	200	230	IS: 3025 (P- 23)	200	600
7.	Calcium as Ca	mg/l	64.13	68.14	IS: 3025 (P- 40)	75	200
8.	Magnesium as Mg	mg/l	29.18	36.48	IS: 3025 (P-46)	30	100
9.	Total Hardness as CaCO ₃	mg/l	280	320	IS: 3025 (P- 21)	200	600
10.	Chloride as Cl	mg/l	264.92	279.91	IS: 3025 (P- 32)	250	1000
11.	Sulphate as SO ₄	mg/l	116.80	122.50	IS: 3025 (P- 24)	200	400
12.	Nitrate as NO ₃	mg/l	16.30	19.70	IS: 3025 (P- 34)	45	No relaxation
13.	Fluoride as F	mg/l	1.10	1.00	IS: 3025 (P-60)	1	1.5
14.	Iron as Fe	mg/l	0.02	BDL	IS: 3025(P-53)	0.3	No relaxation
15.	Lead as Pb	mg/l	BDL	BDL	IS-3025(P-47)	0.01	No relaxation
16.	Cadmium as Cd	mg/l	BDL	BDL	IS: 3025 (P- 41)	0.003	No relaxation
17.	Zinc as Zn	mg/l	BDL	BDL	IS: 3025 (P- 49)	5	15
18.	Copper as Cu	mg/l	BDL	BDL	IS: 3025 (P-42)	0.05	1.5
19.	Chromium as Cr+6	mg/l	BDL	BDL	IS-3025(P-52)	-	-
20.	Nickel as Ni	mg/l	BDL	BDL	IS: 3025 (P-52)	0.02	No relaxation
21.	Manganese as Mn	mg/l	BDL	BDL	IS-3025(P-59)	0.1	0.3
22.	Dissolved Oxygen	mg/l	4.0	4.3	IS:3025(Part-38)	-	-

BDL: Below Detection Limit

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TC-6814

TEST CERTIFICATE

Test Report of	Report Code	Date of Issue	ULR No.
Water	W-241224-013	28/12/2024	TC681424000012542F

Name of Client : M/s Hindustan Zinc Limited.

Address of Client : Sindesar Khurd Mine, Village Sindesar Khurd,
Tehsil Relmagra, District Rajsamand, Rajasthan-313329.

Sample Description : Ground Water Sample Marked as K-3 & K-4

Sample Submitted By : Client

Date of Receipt Sample : 07.12.2024
Sample Quantity : 2.0 L Bottle

Analysis Duration : 07.12.24 to 11.12.24
Sample Condition : OK & Sealed

S. No.	Parameter	Units	Sample Code		Protocol	IS-10500:2012	
			K-3	K-4		Requirement (Acceptable Limit)	Permissible Limit
1.	pH (at 25°C)	--	7.63	7.50	IS-3025(P-11)	6.5 to 8.5	No relaxation
2.	Electrical Conductivity (at 25°C)	µS/cm	1260	2350	IS-3025(P-14)	-	-
3.	Total Dissolve Solids	mg/l	745	1440	IS-3025(P-16)	500	2000
4.	Colour	Hazen	BDL	BDL	IS-3025(P-04)	5	15
5.	Turbidity	NTU	BDL	BDL	IS-3025(P-10)	1	5
6.	Total Alkalinity as CaCO ₃	mg/l	180	310	IS: 3025 (P- 23)	200	600
7.	Calcium as Ca	mg/l	60.12	96.19	IS: 3025 (P- 40)	75	200
8.	Magnesium as Mg	mg/l	26.75	43.78	IS: 3025 (P-46)	30	100
9.	Total Hardness as CaCO ₃	mg/l	260	420	IS: 3025 (P- 21)	200	600
10.	Chloride as Cl	mg/l	209.93	379.88	IS: 3025 (P- 32)	250	1000
11.	Sulphate as SO ₄	mg/l	130.10	160.50	IS: 3025 (P- 24)	200	400
12.	Nitrate as NO ₃	mg/l	14.50	23.60	IS: 3025 (P- 34)	45	No relaxation
13.	Fluoride as F	mg/l	1.20	1.20	IS: 3025 (P-60)	1	1.5
14.	Iron as Fe	mg/l	BDL	0.03	IS: 3025(P-53)	0.3	No relaxation
15.	Lead as Pb	mg/l	BDL	BDL	IS-3025(P-47)	0.01	No relaxation
16.	Cadmium as Cd	mg/l	BDL	BDL	IS: 3025 (P- 41)	0.003	No relaxation
17.	Zinc as Zn	mg/l	BDL	BDL	IS: 3025 (P- 49)	5	15
18.	Copper as Cu	mg/l	BDL	BDL	IS: 3025 (P-42)	0.05	1.5
19.	Chromium as Cr+6	mg/l	BDL	BDL	IS-3025(P-52)	-	-
20.	Nickel as Ni	mg/l	BDL	BDL	IS: 3025 (P-52)	0.02	No relaxation
21.	Manganese as Mn	mg/l	BDL	BDL	IS-3025(P-59)	0.1	0.3
22.	Dissolved Oxygen	mg/l	4.0	3.9	IS:3025(Part-38)	-	-

BDL: Below Detection Limit

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TC-6814

TEST CERTIFICATE

Test Report of	Report Code	Date of Issue	ULR No.
Water	W-241224-014	28/12/2024	TC681424000012543F

Name of Client : M/s Hindustan Zinc Limited.

Address of Client : Sindesar Khurd Mine, Village Sindesar Khurd,
Tehsil Relmagra, District Rajsamand, Rajasthan-313329.

Sample Description : Ground Water Sample Marked as K-5 & K-6
Sample Submitted By : Client

Date of Receipt Sample : 07.12.2024
Sample Quantity : 2.0 L Bottle
Analysis Duration : 07.12.24 to 11.12.24
Sample Condition : OK & Sealed

S. No.	Parameter	Units	Sample Code		Protocol	IS-10500:2012	
			K-5	K-6		Requirement (Acceptable Limit)	Permissible Limit
1.	pH (at 25°C)	--	7.64	7.31	IS-3025(P-11)	6.5 to 8.5	No relaxation
2.	Electrical Conductivity (at 25°C)	µS/cm	3140	2910	IS-3025(P-14)	-	-
3.	Total Dissolve Solids	mg/l	1950	1800	IS-3025(P-16)	500	2000
4.	Colour	Hazen	BDL	BDL	IS-3025(P-04)	5	15
5.	Turbidity	NTU	2.0	BDL	IS-3025(P-10)	1	5
6.	Total Alkalinity as CaCO ₃	mg/l	360	340	IS: 3025 (P- 23)	200	600
7.	Calcium as Ca	mg/l	140.28	128.26	IS: 3025 (P- 40)	75	200
8.	Magnesium as Mg	mg/l	55.94	53.50	IS: 3025 (P-46)	30	100
9.	Total Hardness as CaCO ₃	mg/l	580	540	IS: 3025 (P- 21)	200	600
10.	Chloride as Cl	mg/l	489.85	479.85	IS: 3025 (P- 32)	250	1000
11.	Sulphate as SO ₄	mg/l	170.80	155.10	IS: 3025 (P- 24)	200	400
12.	Nitrate as NO ₃	mg/l	19.40	20.30	IS: 3025 (P- 34)	45	No relaxation
13.	Fluoride as F	mg/l	1.35	1.25	IS: 3025 (P-60)	1	1.5
14.	Iron as Fe	mg/l	BDL	BDL	IS: 3025(P-53)	0.3	No relaxation
15.	Lead as Pb	mg/l	BDL	BDL	IS-3025(P-47)	0.01	No relaxation
16.	Cadmium as Cd	mg/l	BDL	BDL	IS: 3025 (P- 41)	0.003	No relaxation
17.	Zinc as Zn	mg/l	BDL	BDL	IS: 3025 (P- 49)	5	15
18.	Copper as Cu	mg/l	BDL	BDL	IS: 3025 (P-42)	0.05	1.5
19.	Chromium as Cr+6	mg/l	BDL	BDL	IS-3025(P-52)	-	-
20.	Nickel as Ni	mg/l	BDL	BDL	IS: 3025 (P-52)	0.02	No relaxation
21.	Manganese as Mn	mg/l	BDL	BDL	IS-3025(P-59)	0.1	0.3
22.	Dissolved Oxygen	mg/l	3.8	4.4	IS:3025(Part-38)	-	-

BDL: Below Detection Limit

Notes:

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TC-6814

TEST CERTIFICATE

Test Report of	Report Code	Date of Issue	ULR No.
Water	W-241224-015	28/12/2024	TC681424000012544F

Name of Client : M/s Hindustan Zinc Limited.

Address of Client : Sindesar Khurd Mine, Village Sindesar Khurd,
Tehsil Relmagra, District Rajsamand, Rajasthan-313329.

Sample Description : Ground Water Sample Submitted By : Client
Sample Marked as K-7 & K-8

Date of Receipt Sample : 07.12.2024 Analysis Duration : 07.12.24 to 11.12.24
Sample Quantity : 2.0 L Bottle Sample Condition : OK & Sealed

S. No.	Parameter	Units	Sample Code		Protocol	IS-10500:2012	
			K-7	K-8		Requirement (Acceptable Limit)	Permissible Limit
1.	pH (at 25°C)	—	7.66	7.52	IS-3025(P-11)	6.5 to 8.5	No relaxation
2.	Electrical Conductivity (at 25°C)	µS/cm	1980	2400	IS-3025(P-14)	-	-
3.	Total Dissolve Solids	mg/l	1240	1420	IS-3025(P-16)	500	2000
4.	Colour	Hazen	BDL	BDL	IS-3025(P-04)	5	15
5.	Turbidity	NTU	BDL	1.0	IS-3025(P-10)	1	5
6.	Total Alkalinity as CaCO ₃	mg/l	260	310	IS: 3025 (P- 23)	200	600
7.	Calcium as Ca	mg/l	88.18	96.19	IS: 3025 (P- 40)	75	200
8.	Magnesium as Mg	mg/l	31.62	41.34	IS: 3025 (P-46)	30	100
9.	Total Hardness as CaCO ₃	mg/l	350	410	IS: 3025 (P- 21)	200	600
10.	Chloride as Cl	mg/l	294.91	369.89	IS: 3025 (P- 32)	250	1000
11.	Sulphate as SO ₄	mg/l	139.40	160.20	IS: 3025 (P- 24)	200	400
12.	Nitrate as NO ₃	mg/l	21.60	26.70	IS: 3025 (P- 34)	45	No relaxation
13.	Fluoride as F	mg/l	1.10	1.25	IS: 3025 (P-60)	1	1.5
14.	Iron as Fe	mg/l	0.03	BDL	IS: 3025(P-53)	0.3	No relaxation
15.	Lead as Pb	mg/l	BDL	BDL	IS-3025(P-47)	0.01	No relaxation
16.	Cadmium as Cd	mg/l	BDL	BDL	IS: 3025 (P- 41)	0.003	No relaxation
17.	Zinc as Zn	mg/l	BDL	BDL	IS: 3025 (P- 49)	5	15
18.	Copper as Cu	mg/l	BDL	BDL	IS: 3025 (P-42)	0.05	1.5
19.	Chromium as Cr+6	mg/l	BDL	BDL	IS-3025(P-52)	-	-
20.	Nickel as Ni	mg/l	BDL	BDL	IS: 3025 (P-52)	0.02	No relaxation
21.	Manganese as Mn	mg/l	BDL	BDL	IS-3025(P-59)	0.1	0.3
22.	Dissolved Oxygen	mg/l	4.0	3.8	IS:3025(Part-38)	-	-

BDL: Below Detection Limit

Notes:

- The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
- Responsibility of the Laboratory is limited to the invoiced amount only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
- The test samples will be disposed of after two weeks from the date of issue of test report, unless until specified by the customer.

CHECKED BY

AUTHORIZED SIGNATORY



Laboratory : GT-20, Sector-117, NOIDA, Gautam Budh Nagar - 201316

Branch Office : IP-2, Haridwar, Uttarakhand | Gayatri Nagar, Kathgodam, Haldwani, Uttarakhand

E.: noida.laboratory@gmail.com, info@noidalabs.com W.: www.noidalabs.com

Annexure-1)

Co-ordinates and hydrogeological data of existing Key wells monitored under the network system during Oct-26 to Mar-26

Sr. No.	Keywell No.	Village	Latitude	Longitude	Depth of well	Oct 25	Nov 25	Dec 25	Jan 26	Feb 26	Mar 26
1	K-1	Shivpura	24° 59' 22.2"	74° 08' 38.9"	30.46	9.20	11.16	13.12	13.12	15.19	15.81
2	K-2	Shivpura	24° 59' 43.0"	74° 08' 55.2"	26.21	6.81	12.21	13.46	13.46	15.88	16.76
3	K-3	SindesarKhurd	25° 00' 28.1"	74° 08' 27.7"	28.96	7.07	14.12	15.29	15.29	16.29	17.19
4	K-4	SindesarKhurd	24° 59' 47.30"	74° 07' 57.50"	31.09	5.96	7.40	7.66	7.66	8.36	9.22
5	K-5	Lathiyakheri	25° 01' 39.16"	74° 07' 37.0"	30.39	8.11	5.10	5.83	5.83	6.30	7.14
6	K-6	Lathiyakheri	25° 01' 31.7"	74° 08' 34.1"	28.96	8.50	8.64	8.98	8.98	9.06	10.06
7	K-7	Navachara	25° 00' 42.8"	74° 09' 18.3"	34.00	6.09	8.33	8.77	8.77	9.81	11.20
8	K-8	Near Railmagra	25° 18.65"N	74° 7' 6.65"E	30.00	5.88	6.47	6.89	6.89	7.12	8.77

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RAMNAGARIYA ROAD, JAGATPURA,
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CIN NO.: U74140RJ2013PTC042216

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

Sample ID No.: SCS/AN/20251016/11	Date of Registration: 16.10.2025
Report No. SCS/HZL-SKM/AN/20251016/11	Date of Report: 27.10.2025

AMBIENT NOISE MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 16.10.2025
Date of start of testing : 16.10.2025
Date of end of testing : 17.10.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
Name of Location : Near Encline Area
Parameter required : Ambient Noise

Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	68.5	62.0

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

Per pro SCS Enviro Services Pvt. Ltd.,


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



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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/20251016/12	Date of Registration: 16.10.2025
Report No. SCS/HZL-SKM/AN/20251016/12	Date of Report: 27.10.2025

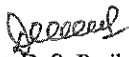
AMBIENT NOISE MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 16.10.2025
Date of start of testing : 16.10.2025
Date of end of testing : 17.10.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
Name of Location : Near Mine Boundary in NW Direction Area
Parameter required : Ambient Noise

Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	63.4	54.1
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 6.00 am 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		

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CIN NO.: U74140RJ2013PTC042216

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

Sample ID No.: SCS/AN/20251016/13	Date of Registration: 16.10.2025
Report No. SCS/HZL-SKM/AN/20251016/13	Date of Report: 27.10.2025

AMBIENT NOISE MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 16.10.2025
Date of start of testing : 16.10.2025
Date of end of testing : 17.10.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
Name of Location : Near Sindesar Khurd Village Area
Parameter required : Ambient Noise

Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	51.6	44.4

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 6.00 am to 10 pm
2. Night time if from 10.00 pm to 6 am
3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
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Sample ID No.: SCS/AN/20251016/14	Date of Registration: 16.10.2025
Report No. SCS/HZL-SKM/AN/20251016/14	Date of Report: 27.10.2025

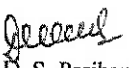
AMBIENT NOISE MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 16.10.2025
Date of start of testing : 16.10.2025
Date of end of testing : 17.10.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
Name of Location : Near Bamania Kalan Area
Parameter required : Ambient Noise

Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	54.7	44.5
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 6.00 am 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		

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CIN NO.: U74140RJ2013PTC042216

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

Sample ID No.: SCS/AN/20251016/15	Date of Registration: 16.10.2025
Report No. SCS/HZL-SKM/AN/20251016/15	Date of Report: 27.10.2025

AMBIENT NOISE MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 17.10.2025
Date of start of testing : 17.10.2025
Date of end of testing : 18.10.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
Name of Location : Near Tailing Dam Pump House Area
Parameter required : Ambient Noise

Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	53.7	44.2

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 6.00 am to 10 pm
2. Night time if from 10.00 pm to 6 am
3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
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CIN NO.: U74140RJ2013PTC042216

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Sample ID No.: SCS/AN/20251016/16	Date of Registration: 16.10.2025
Report No. SCS/HZL-SKM/AN/20251016/16	Date of Report: 27.10.2025

AMBIENT NOISE MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 17.10.2025
Date of start of testing : 17.10.2025
Date of end of testing : 18.10.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
Name of Location : Near Rajpura Village
Parameter required : Ambient Noise

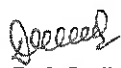
Results

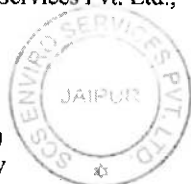
Parameter	Results dB (A)	
	Day Time	Night Time
Leq	53.6	43.8

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 6.00 am to 10 pm
2. Night time if from 10.00 pm to 6 am
3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
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JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.: U74140RJ2013PTC042216

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

Sample ID No.: SCS/AN/20251117/41	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AN/20251117/41	Date of Report: 29.11.2025

AMBIENT NOISE MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 17.11.2025
Date of start of testing : 17.11.2025
Date of end of testing : 18.11.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
Name of Location : Near Encline Area
Parameter required : Ambient Noise

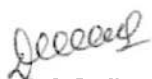
Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	68.8	60.5

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 6.00 am to 10 pm
2. Night time if from 10.00 pm to 6 am
3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
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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/20251117/42	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AN/20251117/42	Date of Report: 29.11.2025

AMBIENT NOISE MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 17.11.2025
Date of start of testing : 17.11.2025
Date of end of testing : 18.11.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
Name of Location : Near Mine Boundary in NW Direction Area
Parameter required : Ambient Noise

Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	59.6	48.0
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 6.00 am 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		

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

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

Sample ID No.: SCS/AN/20251117/43	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AN/20251117/43	Date of Report: 29.11.2025

AMBIENT NOISE MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 17.11.2025
Date of start of testing : 17.11.2025
Date of end of testing : 18.11.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
Name of Location : Near Sindesar Khurd Village Area
Parameter required : Ambient Noise

Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	53.0	43.4
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 6.00 am to 10 pm
2. Night time if from 10.00 pm to 6 am
3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
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RAMNAGARIYA ROAD, JAGATPURA,
JAIPUR-302017, RAJASTHAN (INDIA)
CIN NO.: U74140RJ2013PTC042216

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

Sample ID No.: SCS/AN/20251117/44	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AN/20251117/44	Date of Report: 29.11.2025

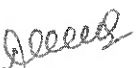
AMBIENT NOISE MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 17.11.2025
Date of start of testing : 17.11.2025
Date of end of testing : 18.11.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
Name of Location : Near Bamania Kalan Area
Parameter required : Ambient Noise

Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	52.7	42.6
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 6.00 am 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		

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CIN NO.: U74140RJ2013PTC042216

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

Sample ID No.: SCS/AN/20251117/45	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AN/20251117/45	Date of Report: 29.11.2025

AMBIENT NOISE MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 17.11.2025
Date of start of testing : 17.11.2025
Date of end of testing : 18.11.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
Name of Location : Near Tailing Dam Pump House Area
Parameter required : Ambient Noise

Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	53.9	44.4
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 6.00 am 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.

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/20251117/46	Date of Registration: 17.11.2025
Report No. SCS/HZL-SKM/AN/20251117/46	Date of Report: 29.11.2025

AMBIENT NOISE MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 17.11.2025
Date of start of testing : 17.11.2025
Date of end of testing : 18.11.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
Name of Location : Near Rajpura Village
Parameter required : Ambient Noise

Results

Parameter	Results dB (A)	
	Day Time	Night Time
Leq	54.5	44.7

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 6.00 am to 10 pm
2. Night time if from 10.00 pm to 6 am
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Per pro SCS Enviro Services Pvt. Ltd.


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



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ITS TESTING LABORATORY PRIVATE LIMITED

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)
(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)
Website: www.itslab.in, Email: itrlclab@gmail.com, info@itslab.in, contact@itslab.in
+91 9911659800, 9305780312, 09958849764

Report No. N-221225-15

Issue Date: 30/12/2025

AMBIENT NOISE MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 22.12.2025
Date of start of testing : 22.12.2025
Date of end of testing : 23.12.2025
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
Parameter required : Ambient Noise

Location	Parameter	Results dB (A)	
		Day Time	Night Time
Near Encline Area	Leq	68.5	62.3
Near Mine Boundary in NW Direction Area	Leq	58.1	50.6
Near Sindesar Khurd Village Area	Leq	54.5	44.1
Near Bamania Kalan Area	Leq	52.3	43.7
Near Tailing Dam Pump House Area	Leq	52.9	42.0
Near Rajpura Village	Leq	54.2	44.7

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

Checked by Ruby



Terms & Conditions :

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3. Any complaints about the report should be communicated in writing within 7 days.
4. Total liability of our laboratory is limited to invoiced amount.



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+91 9911659800, 9305780312, 09958849764

Report No. N-190126-06

Issue Date: 20/01/2026

AMBIENT NOISE MONITORING REPORT

Name of Client : M/s. Hindustan Zinc Limited, SK Mines,
Address of Client : P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan
Date of Monitoring : 18.01.2026
Date of start of testing : 19.01.2026
Date of end of testing : 20.01.2026
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
Parameter required : Ambient Noise

Location	Parameter	Results dB (A)	
		Day Time	Night Time
Near Incline Area	Leq	69.8	61.7
Near Mine Boundary in NW Direction Area	Leq	60.5	50.1
Near Sindesar Khurd Village Area	Leq	52.2	43.8
Near Bamania Kalan Area	Leq	53.7	42.2
Near Tailing Dam Pump House Area	Leq	54.0	43.4
Near Rajpura Village	Leq	54.3	42.7

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

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+91 9911659800, 9305780312, 09958849764

Test Report

Ambient Noise Monitoring

Report Code: N-240226-29

Issue Date: 06/03/2026

ISSUE TO: M/S.HINDUSTAN ZINC LIMITED, SK MINES
P. O.: DARIBA - 313211, DISTT. RAJSAMAND, RAJASTHAN

SAMPLING & ANALYSIS DATA

Date of Monitoring : 20.02.2026
Date of start of testing : 24.02.2026
Date of end of testing : 25.02.2026
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
Parameter required : Ambient Noise

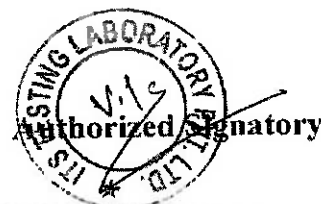
Results

Location	Parameter	Results dB (A)	
		Day Time	Night Time
Near Incline Area	Leq	65.9	58.6
Near Mine Boundary in NW Direction Area	Leq	58.2	49.4
Near Sindesar Khurd Village Area	Leq	50.1	43.5
Near Bamania Kalan Area	Leq	52.8	42.6
Near Tailing Dam Pump House Area	Leq	53.6	43.7
Near Rajpura Village	Leq	54.8	44.3

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

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+91 9911659800, 9305780312, 09958849764

Test Report

Ambient Noise Quality Analysis

Report Code: N-210326-01

Issue Date: 04/04/2026

ISSUE TO: M/s. Hindustan Zinc Limited, SK Mines,
P. O.: Dariba - 313211, Distt. Rajsamand, Rajasthan

SAMPLING & ANALYSIS DATA

Date of Monitoring : 17.03.2026
Date of start of testing : 17.03.2026
Date of end of testing : 18.03.2026
Duration of sampling : 24 Hrs.
Type of Industry : Mining of Non-Ferrous Metals
Parameter required : Ambient Noise

Location	Parameter	Results	
		Results dB (A)	
		Day Time	Night Time
Near Incline Area	Leq	68.7	62.7
Near Mine Boundary in NW Direction Area	Leq	58.6	50.4
Near Sindesar Khurd Village Area	Leq	53.8	45.0
Near Bamania Kalan Area	Leq	57.2	44.1
Near Tailing Dam Pump House Area	Leq	63.5	42.8
Near Rajpura Village	Leq	57.9	45.3

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

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Checked By

Authorized Signatory

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Annexure -13

**Hindustan Zinc Limited
Sindesar Khurd Mine
Dariba, Dist. Rajsamand, Rajasthan**

Rainwater Harvesting through pond deepening of nearby Villages.





HINDUSTAN ZINC

Zinc & Silver of India



HIGHLIGHTS

RDC CSR FY26

In line with our safety module master trainers and volunteers took a total of 117 safety sessions were conducted and total no of beneficiaries was more than 3200. In addition to the safety trainings road safety sessions along with helmet distribution was undertaken in 4 panchayats followed by helmet distribution to 200 identified participants.



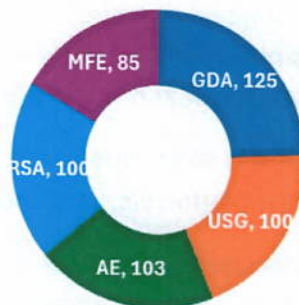
Achievements and Activities:

- RDC conferred with Shiksha Vibhushan Award at 29th Annual Bhamashah Awards for significant contribution in the field of education.
- Hindustan Zinc in collaboration with PHED signs an MoU worth 4.67 crore INR to provide clean water to over 10000 villagers across 11 villages in Railmagra region.
- RDC pledged **INR 1.5 Crore** for water rejuvenation efforts under 'Vande Ganga' initiative in Rajsamand District. The work will be done on 57 structures across 6 panchayats of Railmagra block.

- RDC supported Har Ghar Tiranga initiative by providing more than 10000 flags across Rajsamand
- Extended support to Rajasthan U-14 national volleyball team with playing kits, they represented the state at national level and won the silver medal.
- Under Swatchta hi seva various activities were taken up like transformation of CTU, health initiatives for sanitation workers and blood donation camp in Zinc Hospital.
- Ladies club interaction with Nandghar kids on children's day and embroidery workshop with Sakhi was done on the occasion of new year.
- Plantation drive was conducted with more than 100 community members, PRI members and employees on the occasion of World Environment Day
- 3 inauguration events conducted in Mehanduriya in the presence of Hon'ble MLA Nathdwara, Rajpura and Raghunathpura village for communication of works done to the community in a positive manner and handover of the same to community.



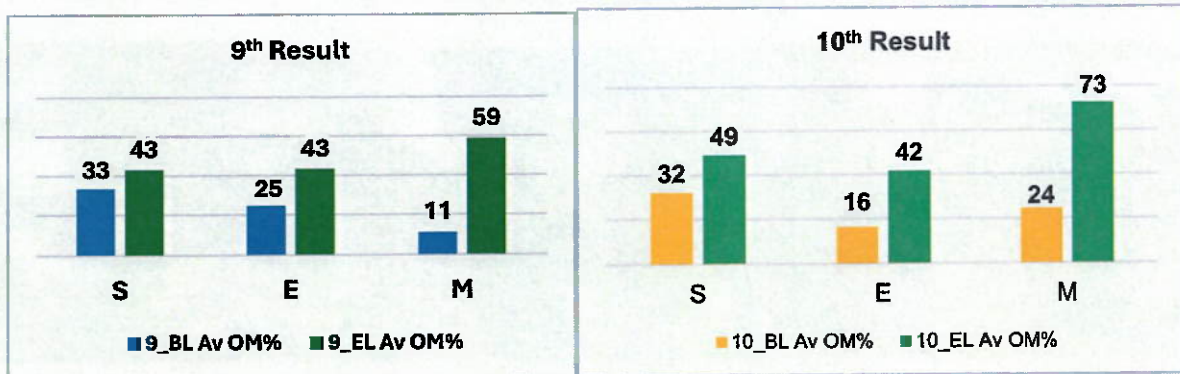
Trainees trained and placed:



- Some of the recruiters are: ITC Hotels, Hotel Radisson Blue, Sterling Hospital, Zydus Hospital, GBH American, Jio Fiber, SBI life, ESAF Bank.
- 2 Job Fairs was organized with participation of 18 employers, in job fair, past trainees were also invited for sitting in the interviews. 223 participants came in out of which 111 got shortlisted and 70 received placements.
- Zinc Kaushal Kendra Railmagra received appreciation award at Block level for contribution in the field of livelihood generation.
- On the occasion of National Youth Day, Zinc Kaushal Dariba organized a Youth Awareness Rally and a Role Play Performance at the Government Senior Secondary School, Gawardi
- Free Eye Check-up Camp was organized for all trainees and staff to promote eye health and overall well-being, with the support of **ASG Eye Hospital**
- Kaushal Abhibhavak Samman Samaroh was organised in Kotdi Govt school in the presence of Sarpanch Kotdi and School Principal Kotdi. In the event parents of successful trainees of Kotdi village were felicitated with frames of their wards.
- 120 youth trained under Anushka Academy initiative for preparation of govt exams and other competitive exams

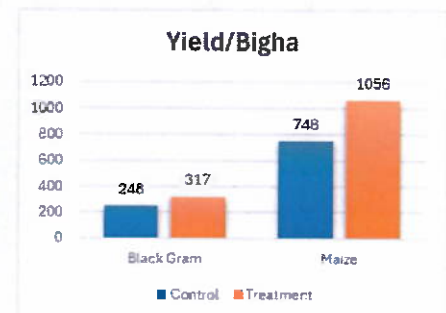
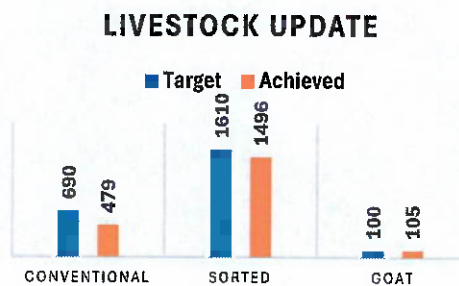


- A total of 1535 children were covered in 11 govt schools and a total of 9974 classes of Science, English and Maths
- Summer camp, Winter camp, Diwali classes were also organized for keeping students continuously engaged with studies.
- Baseline – Endline assessments were conducted for 9th and 10th class students showing improvement and impact of the program.
- 22 career counselling sessions conducted covering 666 students of 6th to 8th standard for future guidance on which path would be more suitable based on the baseline assessment done for the students by I-Dream (3rd party)
- 132 students in last 5 years and 19 students are currently ongoing from surrounding 7 villages part of graduation and post-graduation degree with First class, students' placements in Govt and corporate sector and internships in HZL.



- PoP impact: Crop cutting data for PoP was collected from 25 plots for Black gram and Maize, the results of the same showed greater yield in Treatment plots.
- National Farmers' Day celebration was organized witnessing enthusiastic participation from over 100 farmers. The govt officials attending the event shared valuable insights on advanced farming practices, effective livestock management, relevant government schemes, motivating farmers
- Biomass pelleting micro-enterprise established by Rajpura Dariba Agro Producer Company on 30th Sept'25. Sustainably produced biomass will be promoted as an alternate fuel resource.
- SAMADHAN advocacy meeting with line departments was conducted in presence of officials from various government departments, during which Samadhan Project was reviewed.
- 2 calf rallies were organized in both AI clusters of RDC location in which nearly 40 farmers participated with improved breeds with project intervention and more than 100 farmers joined the event which motivated them to opt for AI as well.
- Animal Health camps done across 16 core villages of RDC benefiting 8000+ cattle and 800+ farmer families

FPO Shop update:	
PARTICULAR	REVENUE GENERATED 2025-26
Seed	44.76 lakh
Fertilizer	12.65 lakh
Pesticide	3.25 lakh
Cattle Feed	77.72 lakh
Others	19.26 lakhs
Total	157.66 lakhs



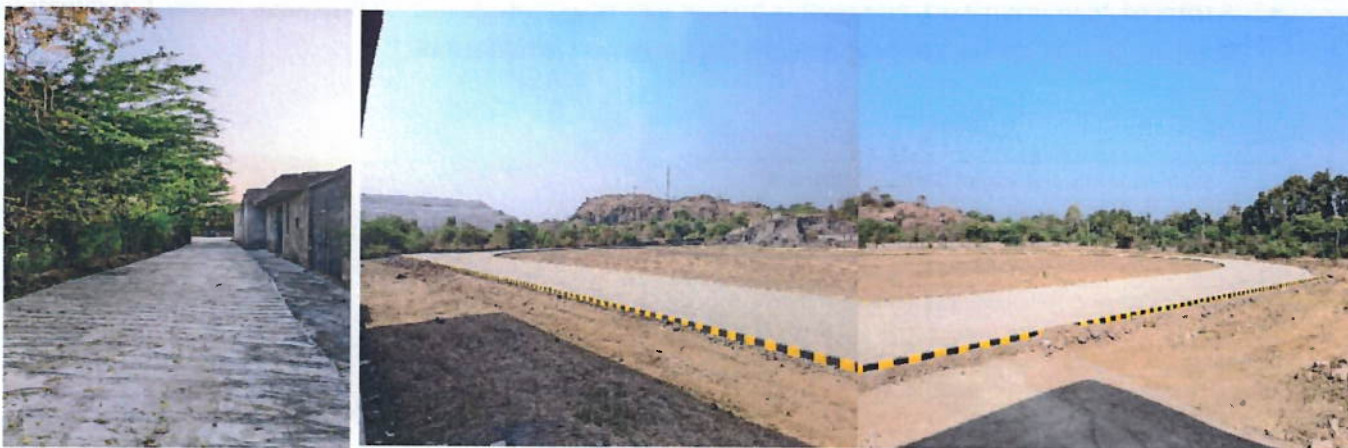
- Sakhi Utsav celebrated at RDC with more than 1000 women joining each other in celebration of progress. The event was graced by IBU CEO, Deputy IBU CEO, Unit head DSC, Unit head RDM, Deputy Unit head DSC, DSC Safety Head, Head HR SK Mines, Block level govt officials and Executive ladies club RDC.
- Sakhis celebrated Holi with HZL COO Mr. Kishore kumar and RDC ExCO. Gift hampers consisting of ME products, herbal colour and Gujiya distributed to stakeholders. Sakhi also celebrated Rakshabandhan with EXCO and employees.
- Legal Sakhi cadre established at RDC to provide support to women suffering from Domestic abuse and other social vices.
- Mahasangh formation started to act as an apex body for control of federations across locations.
- 5 community field coordinators selected from beneficiaries to work in coordination with NGO staff and in future take lead of the project.
- A total of 25 women were engaged in production at 2 centers and 20 Business Sakhis are developed. Total income of women engaged in production was 1.6 lakhs INR.

Sakhi Samridhi Federation (Financial Progress)	
Total No. of Loan Disbursed (No)	764
Total Value of Loan Disbursed FY26	98.19 lakhs
Total Amount of Repaid Loan FY26	97 lakhs
Total Value of Loan Disbursed (inception)	1141.78 lakhs
Total amount of repaid loan (inception)	943.76 lakhs
Total loan outstanding (inception)	202.54 lakhs
Interest received from Loans (inception)	128.43 Lakhs



5 school renovation and school ground works, 7 road works, 2 sanitation works, 4 building works, and 6 water augmentation works completed in the year.

COMMUNITY ASSET CREATION



WATER

- 9 RO hubs and 16 ATMs operational at RDC with more than 57 lakhs litres of pure drinking water supplied to 5200+ families at nominal charges.
- More than 50000 KL of water supplied with the help of water tankers in the year in 7 villages



Achievements and Activities:

- Regular OPD services were conducted across 29 villages in core as well as peripheral panchayats, ensuring consistent access to primary healthcare.
- These services benefited a total of 14,933 patients up to March 2026.
- 3 health camps conducted in community with a patient count of . The camp had general physician, gynecologist and orthopedic doctors.
- Health camps were conducted in 10 schools, covering a total of 433 students. These camps focused on providing basic health check-ups, early identification of potential health issues, and promoting awareness about hygiene and well-being among students.



Volunteering hours were done at RDC with 231 volunteers coming forward and contributing 296 volunteering hours. 133 employees were engaged in various CSR activities contributing nearly 193 hours with the community.



EXCO and Employees visits:



DSC Exco visit to ZKK and interaction with trainees



Bhoomi Pujan for Mehenduriya Community Centre



Toy Distribution at Nandghar



World Water Day Celebration



Community Meeting



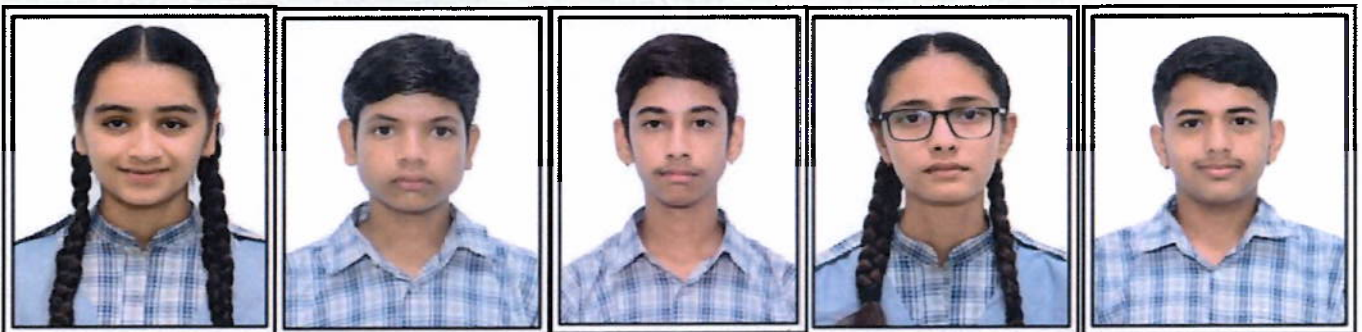
Ladies Club Engagement

'On the Wheels' visit of Dariba Smelter Complex and Underground visit of Sindesar Khurd Mines was planned for 35 Sakhi members which included visit to both the mines and Lead plant.



Unchi Udaan result

All 5 students from RDC location scored more than 84% in 10th Board results with Kajal jat leading the scores by securing 94.17%.



Kajal Jat	Kishan Gameti	Vishwas Salvi	Sunita Gadri	Chandan Nath
Anjana village	Dariba village	Sindesar Khurd village	Rajpura Kheda	Rajpura village
94.17%	87.17%	86.67%	89.17%	84.13%





HINDUSTAN ZINC
Zinc & Silver of India

REGISTERED AD

HZL/SKM/ENV/2025-26/EC Comp/ 11/ 115

Date: 24/11/2025

To,
The Deputy Director(s) / Scientist -C,
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office, Jaipur,
A-209 & 218, Aranya Bhawan, Mahatma Gandhi Road,
Jhalana Institutional Area, Jaipur (Raj.) - 304002.

Sub.: Half yearly EC compliance report of Sindesar Khurd Mine for the period of April 2025 to September 2025

Ref.: Environmental Clearance vide no. J-11015/7/2017-LA.II (M) dated 31.05.2018

Sir,

With reference to aforesaid subject and cited references, it is to inform that we are herewith submitting six monthly compliance report for the conditions stipulated in the Environment Clearances of Sindesar Khurd Mine for the period from April 2025 to September 2025.

The copy of above compliance report is also being sent in soft format through email to (roc2.lko-mef@gov.in; m_env@rediffmail.com) for your kind perusal. Also copy of Sindesar Khurd Mine Environmental Compliance has been uploaded on company website <https://www.hzlindia.com/sustainability/environment-compliance/>

We trust that the measures taken towards environmental safeguards comply with the stipulated environmental conditions. We look forward to your further guidance which shall certainly help us in our endeavor to further improve our Environmental Management Practices.

Hope the above is in line with statutory requirements.

Thanking you,
Yours faithfully,

Sachin Deshmukh
24/11/2025
Unit Head
Sindesar Khurd Mine
Hindustan Zinc Limited
P.O. Darba-313211
Dist. Rajsamand (Raj.)
Sachin Deshmukh
Unit Head & Authorized Signatory
Sindesar Khurd Mines, HZL

राजसमंद. नाथद्वारा

संस्कृत-ली • चौड़ा • राजस्थान

दैनिक भास्कर

उदयपुर, बुधवार 06 जून 2018

रेलमार्ग • डामनोर • देववाड़ा

(भतीजा, भतीजा)

असंख्य

कर सजा दिलवाई।

ना : चारभुजा थाना क्षेत्र की 14 वर्षीय नाबालिग झा निवासी नारायणसिंह न प्रियंका 29 जनवरी फुसला कर घूमने जाने लगे। तीनों ही लांबोड़ी नाथ लेकर देपुर नाथद्वारा भगवान के मंदिर गए, जहाँ या। उसके बाद चारों ही ठ के दर्शन करने गए। जहाँ बीरलाल ने दुष्कर्म करने के और उसकी बहन चली गई। ना वापस देवनारायण मंदिर बीरलाल ने दुष्कर्म किया। इन देवीलाल पीड़िता को त्या और नारायणसिंह के र किया।



हिन्दुस्तान जिंक लिमिटेड

राज. ऑफिस: गणेश भवन, उदयपुर-313 004
PBX No. 0294-6604000, CIN-L27204RJ1998PLC001206, www.hzindia.com

सिन्देसर खुद लेड-जिंक खनन परियोजना

ग्राम सिन्देसर खुद, तहसील रेलमगरा, जिला राजसमंद (राज.)

पर्यावरण स्वीकृति प्राप्ति सूचना बाबत

सर्वसाधारण को सूचित किया जाता है कि भारत सरकार के वन एवं पर्यावरण मंत्रालय, नई दिल्ली के पत्र क्रमांक J-11015/7/2017-IA.II(M) दिनांक 31.05.2018 के द्वारा हिन्दुस्तान जिंक लिमिटेड की सिन्देसर खुद खदान (एम एन 07/95, खनन पट्टा क्षेत्र 199.84 हेक्टेयर) की वर्तमान उत्पादन क्षमता 45 लाख मेट्रिक टन प्रतिवर्ष लेड-जिंक खनिज अयस्क उत्पादन से बढ़ाकर 60 लाख मेट्रिक टन लेड-जिंक प्रतिवर्ष खनिज अयस्क उत्पादन एवं लेड-जिंक अयस्क सफाईकरण 50 लाख मेट्रिक टन प्रतिवर्ष से बढ़ाकर 65 लाख मेट्रिक टन प्रतिवर्ष हेतु पर्यावरण स्वीकृति प्रदान कर दी गई है।

इसकी प्रति राजस्थान राज्य प्रदूषण नियंत्रण मंडल, जयपुर कार्यालय में उपलब्ध है। साथ ही वन एवं पर्यावरण मंत्रालय, नई दिल्ली की वेबसाइट <http://envfor.nic.in> पर भी उपलब्ध है।

दैनिक भास्कर

अपनों को अर्पित कीजिए
शब्दों के श्रद्धा सुमन



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हिन्दुस्तान जिंक लिमिटेड

राज. ऑफिस: गणेश भवन, उदयपुर-313 004
PBX No. 0294-6604000, CIN-L27204RJ1998PLC001206, www.hzindia.com

सिन्देसर खुद लेड-जिंक खनन परियोजना

ग्राम सिन्देसर खुद, तहसील रेलमगरा, जिला राजसमंद (राज.)

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राजेश मोरा
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