

ROEVPL VENTURES PRIVATE LIMITED
(formerly known as Reliance Ornatus Enterprises and Ventures Private Limited)
Registered Office : 502, Plot No 91/94, Prabhat Colony, Santa Cruz (East) Mumbai – 400 055
Corporate Identity Number (CIN): U51900MH2005PTC157592

No. RCC/Maihar /MoEF/ Salaiya/2025 (1)

Dated: 01.06.2025

To,
The Director,
Ministry of Environment, Forest & Climate Change
Regional Office, Western Region,
"Kendriya Paryavarn Bhavan",
Link Road no. 3,
E-5, Ravi Shankar Nagar,
Bhopal – 462016 (M.P)

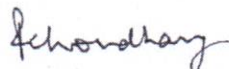
Sub: Limestone Mine of M/s Reliance Ornatus Enterprises & Ventures Private Limited Located at Salaiya, Barroh, Deori and Kubri village, District Satna (M.P) – Compliance Report.

Dear Sir,

This has reference to Environmental Clearance vide letter no. J-11015/276/2010 –IA.II (M) Dated 6th May 2014. We are submitting six monthly compliance reports along with this letter for your kind perusal.

We hope this is in order please.

Yours Faithfully,
For Reliance Ornatus Enterprises & Ventures Private Limited.



Authorized Signatory

Cc:

Zonal Officer
Central Pollution Control Board
Zonal Office (Central)
3rd Floor, Sahkar Bhawan,
North T.T. Nagar, Bhopal – 462 003

Director (Non-Coal Mining)
Ministry of Environment, Forest & Climate Change
Vayu Wing, Indira Paryavaran Bhawan,
Jor Bagh Road, Ali Ganj,
Delhi-110 003

Regional Officer – MP Pollution Control Board
Maihar - Amarpatan Bypass, Satna
Satna (MP)

Member Secretary
MP Pollution Control Board
E-5, Arera Colony, Paryavaran Parisar
Bhopal - 462016

Environmental Clearance Compliance
M/s Reliance Ornatus Enterprises & Ventures, Pvt. Ltd.
(Formerly known as ADA Enterprises & Ventures, Pvt. Ltd)

As per Environmental Clearance vide letter No. J-11015/276/2010-IA.II(M) dated 6th May, 2014

Date 1st June 2025

S. N.	Conditions	Compliance
A.	Specific Conditions	
i	Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project.	Wild life clearance not applicable
ii	No mining activities will be allowed in forest area, if applicable, for which the Forest Clearance is not available.	Noted for compliance
iii	The project proponent shall obtain Consent to Operate from the State Pollution Control Board, Madhya Pradesh and effectively implement all the conditions stipulated therein.	Consent to operate obtained from MPPCB. Consent no. AWH 62145 dt. 03.05.2025. Valid up to 30.04.2026. Covering letter copy enclose as Annexure - 1
iv	The mining operations shall be restricted to above ground water table and it should not intersect groundwater table. In case of working below groundwater table, prior approval of the Ministry of Environment and Forests and Central Ground Water Authority shall be obtained, for which a detailed hydro-geological study shall be carried out.	Not intersected in ground water table. Mining being done above ground water table as per approved mining plan.
v	Dimension of the retaining wall at the toe of over burden dumps and OB benches within the mine to check run-off and siltation shall be based on the rain fall data.	Retaining wall maintained at the toe of over burden dumps and OB benches.
vi	Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented. Drills shall either be operated with dust extractors or equipped with water injection system.	Blasting being done during day time. Controlled blasting is in practiced by using nonelectric shock tube detonators. Drill machine equipped with water injection and dust extraction system.
vii	The proponent shall complete all the tasks as per the action plan submitted with the budgetary provisions during the public hearing held on 09.09.2011.	Activities initiated as per action plan submitted. Status of activities done in FY 2024-25 is attached as Annexure - 2
viii	Water sprinkling should be increased at places loading and unloading points & transfer point to reduce fugitive emissions.	Water sprinkling done at loading, unloading points to reduce fugitive emission.
ix	The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and ground water for the project.	NOC has been granted vide letter No. CGWA/NOC/MIN/REN/1/2023/8556 dtd-07/05/2023 from CGWA, New Delhi for abstraction and dewatering

		of ground water. NOC copy is enclosed as ANNEXURE – 3.
x	Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded.	Vehicular emission is under control and regularly PUC monitoring done for company vehicles. Mineral transportation is carried out through covered truck.
xi	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.	Water sprinkling done on haul roads, loading and unloading points. Haul road maintained regularly. No crusher exist in mines, hence no transfer point / conveyer belt.
B. General conditions		
i	No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment & Forests.	No changes in mining technology. Mining being done as per approved mining plan.
ii	No change in the calendar plan including excavation, quantum of limestone mineral and waste should be made.	Noted for compliance
iii	A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure for approval.	Final closure plan along with corpus fund details will be submit before 5 years of final mine closure for approval.
iv	There shall be planning, developing and implementing facility of rainwater harvesting measures on long term basis in consultation with Regional Director, Central Groundwater Board and implementation of conservation measures to augment ground water resources in the area in consultation with Central Ground Water Board.	Activities going on, dug well depend and cleaned at Govt. Primary Middle School Salaiya village. Photographs submitted wide letter no. RCC/Maihar/MoEF/Salaiya/2016(1) dated 25.01.2016. and in this FY 2019-20 One pond 363.20 Cub. M dinged.
v	Regular monitoring of ground water table to be carried out at the upstream and depth of water available in the dug well is to be measured. Monitoring to be done by establishing a network of existing wells and constructing new piezometers.	One set Piezometer (Deep and Shallow) installed and water quality of ground water and surface water monitored. Ground Water quality and level report are attached as Annexure – 4 and Annexure - 5.
vi	The project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations.	Will not be obstructing any natural course / water resources in operations.
vii	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	Catch drain constructed for phase - larea. Over Burden and top soil stacked at earmarked places and top soil will be used for plantation. The

	<p>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 8m 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 & Forests and its Regional Office located at Bhopal on six monthly basis.</p>	<p>maximum height of the dump will not exceed 8m and width 20m and overall slope of the dump will be maintained up to 45°. The native plant species will be developed on OB to prevent erosion and surface runoff. Excavated area will be back filled and afforested as per mining plan. Status report of the same will be submitted to MoEF&CC on six monthly basis.</p>
viii	<p>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 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.</p>	<p>Catch drain constructed in mining area. 2 nos. siltation pond constructed. Collected water utilized for watering in mine area roads and greenbelt development.</p> <p>All drains and settling tanks are appropriate size, maintain and desilted periodically.</p>
ix	<p>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. The density of the trees should be around 2500 plants per ha.</p>	<p>Greenbelt plan submitted to DFO Satna vide letter RCC/MYR/ECC-GIX/F/2014 Dated 20.10.2014 for consultation /suggestion. Greenbelt will be developed all along the mine lease area in a phase manner. 500 forestry sapling planted at boundary of mine in this monsoon.</p>

	Greenbelt shall be developed all along the mine lease area in a phased manner and shall be completed within first five years.	
x	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.	No perennial nallahs flowing in and around the mine lease. One seasonal nallah pashing along the lease boundary which will not be obstruct. Bund constructed along the nallah to prevent the silt. Flow quality measured during monsoon period only.
xi	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 and Forests, its Regional Office, Bhopal, Central Groundwater Authority, Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board.	Monitoring of water quality upstream and downstream water bodies is being carried out and copy of report enclosed as Annexure - 6
xii	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 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 and Forests and its Regional Office, Bhopal, Central Ground Water Authority and Regional Director, Central Ground Water Board.	Networking of well and water bodies available at core zone and within 5.0 km of the lease has been established and 2Nos Piezometer has also been constructed in premises. Ground water level report are attached as Annexure - 5 . Ground water quality report are attached as Annexure - 4 .
xiii	The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely leopard, elephant etc. 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. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. All the safeguard measures brought out in the Wildlife Conservation Pan so prepared specific to the project site shall be effectively implemented. A copy of action plan shall be submitted to the Ministry of Environment and Forests and its Regional Office, Bhopal.	Not applicable, Application submitted to MoEF&CC for amendment of condition <u>dated 23.05.2014</u> Subsequently we again submitted letter dated 06.09.2014 requesting to issue amended EC as per the discussion and agreement in the 20 th Meeting of reconstituted EAC (Non coal Mining) held on 28.05.2014.

xiv	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.	Complied, no major construction work at mines.
xv	Monitoring of Ambient Air Quality to be carried out based on the Notification, as amended from time to time by the Central Pollution Control Board.	Ambient air quality monitoring is being carried out at four locations. Copy of monitoring report is enclosed as Annexure-7
xvi	The critical parameters such as PM10 (size less than 10 micro meter), PM2.5 (size less than 2.5 micro meter), NOX 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 and Forests, which is available on the website of the Ministry www.envfor.nic.in shall also be referred in this regard for its compliance.	Ambient air quality monitoring is being carried out at four locations. Copy of monitoring report is enclosed as Annexure -7 Peak particle velocity is being monitored. Copy of report is enclosed as Annexure - 8 . No discharge water in mine. Data displayed at the suitable location of mines.
xvii	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.	Measures taken as per EMP and PPE's including ear plugs / muffs is provided. AC closed cabin in HEMM. Noise level measured periodically. Monitoring report are enclosed as Annexure - 9 & Annexure - 10
xviii	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 effluents.	No workshop in mine area. Hence, no workshop waste water generated. Existing common facilities like workshop & Oil & grease traps of the adjoining mine at Sadhera is being used.
xix	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.	Dust masks are provided. OHS information and training is being provided periodically.

xx	Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.	Occupational health surveillance program of the workers is undertaken periodically.
xxi	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.	Separate environmental management cell is set-up under the control of a Unit Head.
xxii	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 located at Bhopal.	Being Complied Copy of Environmental Statement report 2023-24 for Plant and Mines submitted to SPCB and Regional Office of MoEF&CC Bhopal vide E-mail dated 30 th September 2024.
xxiii	The project authorities should inform to the Regional Office located at Bhopal regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Date of financial closure is 16 th April' 12. Development work done as per consent to establish obtained from MPPCB vide latter 7847/TS/Mine /MPPCB/2014 dated 26.11.2014.
xxiv	The Regional Office of this Ministry located at Bhopal 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 Full cooperation will be extended to the officers of the Regional Office and required information will be furnished.
xxv	The project proponent shall submit six monthly report on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Bhopal, Central Pollution Control Board and State Pollution Control Board.	Six monthly compliance status report submitted periodically. Previous compliance status report submitted vide no. RCC/Maihar /MoEF/ Salaiya/2024 (2) dated 1.06.2024.
xxvi	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.	Noted for compliance
xxvii	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.	-

xxviii	<p>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 and Forests at http://envfor.nic.in and a copy of the same should be forwarded to the Regional Office of this Ministry located Bhopal.</p>	<p>Complied, Advertisement is published in local news paper (Dainik Bhaskar and Danik Jagran in Hindi on 24/05/2014). And submitted vide letter no. RCC/Maihar /MoEF/ Salaiya/ dated 15.10.2014.</p>
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Note : We have submitted letter No. Rel/Env/Ec/mines/MS-1 dated 17.02.2015 to MoEF &CC, New Delhi highlighting few variations in EC's preamble & conditions from submitted documents (i.e. EIA report, Questionnaire, mining plan & EC presentation), same is given below for your record Please

As per EC	Actual data based on submitted Documents
Under Point 4: Total waste generation after life of mine is 0.216925 million m3	Total waste generation after life of mine is 6.693094 million m3
Under Point 7: Budget for environment protection measures is 86.1 lakhs & towards recurring expenses per annum is 33.6 lakhs	Budget for environment protection measures is 106.0 lakhs & towards recurring expenses per annum is 15.0 lakhs
Under General Cond. vii: Slope of waste dump shall be maintained to 45 ⁰	Slope of waste dump shall be maintained to 30 ⁰
Under General Cond. ix: Greenbelt development along the mine lease area shall be developed in phase manner within first five years	Greenbelt development shall be done in phase manner till end of mine



M.P. Pollution Control Board

E-5, Arera Colony Paryavaran Parisar, Bhopal - 16 MP Tele : 0755-2466191, Fax-0755-2463742



Consent Order

RED-LARGE

CCA-Renewal

PCB ID: 23202

Order No: 122655, 03/05/2025

Consent No: AWH-62145

The Occupier,

M/s. Reliance Ornatus Enterprises & Ventures Pvt. Ltd. 459.566, Katni Road Maihar,

Village: Salaiya, Baroh, Deori and Kubri

Distt: Satna (M.P.) Latitude : 24.1145 Longitude : 80.7589

Subject: Grant of Renewal of Consent under section 25 of the Water (Prevention & Control of Pollution) Act, 1974 under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Hazardous and other Waste (Management & Transboundary movement) Rules, 2016

Ref: Renewal of Consent Application R. No. 1402974 Dt. 14/02/2025 and last communication received on Dt. 23/03/2025

With reference to your above application for Renewal of Consent has been considered under the aforesaid Acts and existing rules therein. The M. P. Pollution Control Board has agreed to grant consent up to **30/04/2026** & authorisation up to **30/04/2030**, subject to the fulfillment of the terms & conditions, enclosed with this letter and-

SUBJECT TO THE FOLLOWING CONDITIONS :-

a. Location: Village: Salaiya, Baroh, Deori and Kubri Distt: Satna (M.P.)

b. Mining Lease area: 459.566 ha

c. Product & Production Capacity:

Activity / Product	Qty / year
Mining of Limestone	2.0 Million Tons Per Year

- (1) For any change in above industry shall obtain fresh consent from the Board.
- (2) P shall ensure that mining is done in sanctioned lease area as per valid mining plan; presently approved by The Regional Controller of Mines IBM, Jabalpur till 31.03.2026, vide L No.RMP-71 Dt.26.03.2021; & in compliance of the conditions laid in EC granted by MoEF & CC, GOI vide No.J11015/276/2010-IA.II.(M) Dt.18.12.2020.
- (3) The project proponent shall follow the mitigation measures as provided in the MoEFCC GoI OM No. Z-11013/5712014-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 & villages are surrounded by the mine lease area.' PP shall also have to abide by the directives of Hon. Supreme Court/High Court/NGT and as incorporated in EC granted by the MoEF&CC/SEIAA regarding providing offset from the roads (kuchha or pucca) and development of plantations/green belt.
- (4) PP shall have to abide by the directives of Hon. Supreme Court/High Court/NGT and as incorporated in the EC granted by the MoEF&CC/SEIAA, pertaining to distance of mining activity from any residential/public buildings, inhabited sites, National/State Highways/district roads, Railway lines/area, ropeways, bridges, dams /reservoirs or any other water body. Mining to be done as per the site specific guidelines of the DGMS & Explosives department of the GOI. The regulations for danger zone (500 Metres) prescribed by Directorate General of Mines Safety shall also be complied compulsorily and necessary measures should be taken to minimise the impact of mining generated dust, noise and vibrations on the environment.
- (5) Solid waste generated during mining process shall be stacked at earmarked site which shall be properly surrounded by garland drains & settling pits of adequate sizes so that no Soil/Silt/waste rock is discharged outside the mine lease area/ nearby water body blocking the natural flow of any nallah/river/pond. Top Soil / OB dump shall be biologically reclaimed.
- (6) Evacuation of mineral shall not be through any village or forest area. PP shall provide pucca (Concreted/Ashphalted) approach road from main road to the mine site & ensure thick plantation on both side of this road to prevent dust/noise pollution.
- (7) The dust generated during transportation of mineral & deposited on Approach/Haul roads shall be regularly removed by the road sweeping chins & suppressed by intermittent sprinkling of water on roads using pressurized water tankers of adequate capacity. PP shall practice regular compaction of loose material of haulage road & regular water sprinkling shall be done for control of generated fugitive emissions. Main haulage Road shall be provided with mist forming permanent water sprinklers on both sides to ensure control of dust during mineral transportation.

The Validity of the consent is up to **30/04/2026** and has to be renewed before expiry of consent validity. Online application through XGN with annual license fees in this regard shall be submitted to this office 6 months before expiry of the consent/Authorization. Board reserves the right to amend/cancel / revoke the above condition in part or whole as and when required.

Enclosures:-

- * Conditions under Water Act* Conditions under Air Act* Conditions under Hazardous Rules* General conditions

CC to :-

1. District Mining Officer, (Mining Section), Collector office, **Satna Dist. Satna (M.P.)** for information.
2. Director, Geology & Mining Khanij Bhawan 29-A, Arera Hills, Bhopal (M.P.) for necessary action please.
3. Regional officer, Regional office, MPPCB, **Satna (M.P.)**

By the order of Chairman, MPPCB

Digitally Signed by : A. A. Mishra, Member Secretary
Date: 03/05/2025 05:08:03 PM

Signature Not Verified
Digitally Signed by : A. A. Mishra, Member Secretary
Date: 03/05/2025 05:08:03 PM

ACHYUT ANAND MISHRA
Member Secretary

(Organic Authentication on AADHAR from UIDAI Server)
TPAV # KF6215NE70

Annexure-2

Module 3 - ADDRESSING SOCIAL IMPACT OF R&R REQUIREMENT, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

Support for Drinking Water & Agriculture

Welfare and social economic development program for local communities	Details of EXP -enditure& Work done during Reporting Year		No. of Beneficiaries
	Proposed	Actual	
Water storage Tank, Drinking water,supply facility & irrigation support to agriculture	Exp (in Rs)	Exp (in Rs)	3200
		164510.00	
	Drinking water facility	Drinking water facility, RO & Heand pump repairing	

Module 3 - ADDRESSING SOCIAL IMPACT OF R&R REQUIREMENT , COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

Support to Health & Medical service

Welfare and social economic development program for local communities	Details of EXP -enditure& Work done during Reporting Year		No. of Beneficiaries
	Proposed	Actual	
Preventive measures for mitigation of mine related health problem	Exp (in Rs)	Exp (in Rs)	400
		132000.00	
	Eye Health Camp	Health Camp	

Promotion of Hygien and Sanitation , public health initiatives	Exp (in Rs)	Exp (in Rs)	500
		230006.00	
	Awereness program Hygen	Awereness program Hygien, hygien kit distribution, Renovation work at health center Repairing of School toilets	

Module 3 - ADDRESSING SOCIAL IMPACT OF R&R REQUIREMENT , COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

Support to Skill development & Education

Welfare and social economic development program for local communities	Details of EXP -enditure& Work done during Reporting Year		No. of Beneficiaries
	Proposed	Actual	
Skill development & vocational Training programmes for local communities	Exp (in Rs)	Exp (in Rs)	20
		165000.00	
		LED Bulb assembling training	

Welfare and social economic development program for local	Details of EXP -enditure& Work done during Reporting Year		No. of Beneficiaries
	Proposed	Actual	
Promotion of Literacy & Education	Exp (in Rs)	Exp (in Rs)	300
		314397.00	
	Various Educational and awareness Program	Meritories student award function & Furniture for school students	

Module 3 - ADDRESSING SOCIAL IMPACT OF R&R REQUIREMENT , COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

Social & Livelihood Support

Welfare and social economic development program for local communities	Details of EXP -enditure& Work done during Reporting Year		No. of Beneficiaries
	Proposed	Actual	
Support to social, cultural, recreational activities	Exp (in Rs)	Exp (in Rs)	1500
		40920.00	
	Support to cultural program and other social activities	Support to cultural program and other social activities Organize Sport / Cultural event / Any other support	
Livelihood & social Economic standard improvement support	Proposed	Actual	20
	Exp (in Rs)	Exp (in Rs)	
		132000.00	
		Mushroom Cultivation	

Module 3 - ADDRESSING SOCIAL IMPACT OF R&R REQUIREMENT , COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

Support to Transportation services & Infrastructure

Welfare and social economic development program for local	Details of EXP -enditure & Work done during Reporting Year		No. of
	Proposed	Actual	
Improvement of Road connectivity and public transport and other infrastructure facilities	Exp (in Rs)	Exp (in Rs)	0
Total			1178833.00



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:	Reliance Ornatus Enterprises And Ventures Private Limited		
Project Address:	Village Salaiya, Po. Ajwain, Teh. Maihar, District Satna (mp)		
Village:	Salaiya	Block:	Maihar
District:	Satna	State:	Madhya Pradesh
Pin Code:			
Communication Address:	Reliance Cement Co. (p) Ltd. Nh-7, Vill. Bharauli, Po. Itahara, Teh. Maihar, Dist. Satna (m.p.), Maihar, Satna, Madhya Pradesh - 485773		
Address of CGWB Regional Office :	Central Ground Water Board North Central Region, Block-1, 4th Floor, Paryawas Bhawan, Area Hills, Jail Road, Bhopal, Madhya Pradesh - 462011		

1.	NOC No.:	CGWA/NOC/MIN/REN/1/2023/8556	2.	Date of Issuance	10/11/2023																																											
3.	Application No.:	21-4/418/MP/MIN/2017	4.	Category: (GWRE 2022)	Semi Critical																																											
5.	Project Status:	Existing With Additional Ground Water Requirment	6.	NOC Type:	Renewal																																											
7.	Valid from:	07/05/2023	8.	Valid up to:	06/05/2025																																											
9.	Ground Water Abstraction Permitted:																																															
Fresh Water		Saline Water		Dewatering		Total																																										
m³/day		m³/year		m³/day		m³/year																																										
20.00		7300.00		75.00		27375.00																																										
10.	Details of ground water abstraction /Dewatering structures																																															
Total Existing No.:0							Total Proposed No.:2																																									
DW							DCB							BW							TW							MP							MPu													
Abstraction Structure*							0							0							1							0							0													
Dewatering Structure*							0							0							0							0							0							1						
*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.):						69350.00																																									
12.	Environment Compensation (if applicable) paid (Rs.):						0.00																																									
13.	Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.						No. of Piezometers						Monitoring Mechanism																																			
												Manual		DWLR**		DWLR With Telemetry																																
**DWLR - Digital Water Level Recorder						1						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

Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m³/d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/dischage of effluents or any such matter as applicable.

General conditions:

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises falling which the firm shall be responsible for any consequences arising thereupon.
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CFCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m³/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
- 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
- 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).
- 31) In the self-compliance report, the PP shall submit details of Drilling Agency/ Agencies, which has/ have constructed BW(s)/ TW(s) along with undertaking to the effect that all necessary measures have been taken as per directions of Hon'ble Supreme Court provided in Annexure-VII of guidelines dated 24.09.2020 in respect of abandoned/ failed BW(s)/ TW(s)/ Piezometer(s), if any. The PP is advised to engage registered drilling agency/ agencies. In the event of any mishap/ unfortunate incident due to negligence in taking measures for prevention of accident due to falling in Bore Well, both PP and concerned drilling agency shall jointly be held responsible and penal action as per extant Government rules shall be taken.

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

CENTRAL GROUND WATER AUTHORITY
Department of Water Resources, River Development and Ganga Rejuvenation
Ministry of Jal Shakti, Govt. of India

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

TEST REPORT CODE: VGL/W/25/01/29/042

TEST REPORT ISSUE DATE: 03.02.2025

TEST REPORT (WATER)
PART - A (CHEMICAL)

Name and Address of Customer : SALAIYA LIMESTONE MINES
(Unit of RCCPL PVT LTD)
VILLAGES- SALAIYA, AJWAIN, BARROH AND DEVRI-KUBRI,
TEHSIL- MAIHAR, DISTRICT SATNA, (M.P.)

Location of Sample : PIEZOMETER (SHALLOW)

Sample Description : GROUND WATER

Date & Time of Sampling : 28.01.2025 01:45 PM

Sample Collected by : MR. ASHISH KUMAR

Environmental Condition (Temp. & RH) : 26.5 °C & 56 %

Sample Packing : SEALED

Sample Id No. : 042

Laboratory Sample Receiving Date : 29.01.2025

Duration of Sample Analysis : 29.01.2025 TO 03.02.2025

Method of Sampling : APHA 1060B & 9060A

TEST RESULTS

Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	pH	APHA 4500H+A+B	7.52	-	6.5-8.5	No relaxation
2.	Temperature	APHA 2550-A+B	25.8	°C	Not Specified	Not Specified
3.	Colour	APHA 2120-B	<5.0	Hazen	5	15
4.	Turbidity	APHA 2130-A+B	<1.0	NTU	1	5
5.	Odour	APHA 2150-B	Agreeable	-	Agreeable	Agreeable
6.	Alkalinity	APHA 2320-A+B	268.0	mg/L	200	600
7.	Total Dissolved Solids	APHA 2540-C	462.0	mg/L	500	2000
8.	Total Hardness	APHA 2340 A+C	245.3	mg/L	200	600
9.	Calcium	APHA 3500 Ca- A+B	58.0	mg/L	75	200
10.	Magnesium	APHA 3500 Mg A+B	23.3	mg/L	30	100
11.	Sodium	APHA 3500 Na, A+B	26.0	mg/L	-	-
12.	Phosphate	APHA 4500-SO42- E	0.62	mg/L	-	-

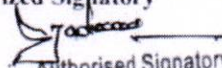
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- The above Results are related to the tested sample only.

Review By:

Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
(A Division of Aseries Envirotek India Pvt. Ltd.)
Authorized Signatory

Authorized Signatory
D. K. Yadav
Lab In-charge

TEST REPORT CODE: VGL/W/25/01/29/042

TEST REPORT ISSUE DATE: 03.02.2025


TEST REPORT (WATER)
PART – A (CHEMICAL)
TEST RESULTS

13.	Sulfate	APHA 4500-PD	51.3	mg/L	200	400
14.	Potassium	APHA 3500 K, A+B	11.0	mg/L	-	-
15.	Nitrate Nitrogen	APHA 4500-NO ₃ -B	13.8	mg/L	45.0	-
16.	Free Residual Chlorine	APHA 4500-Cl B	BDL	mg/L	0.2	1.0
17.	Chloride	APHA 4500 Cl A+B	45.3	mg/L	250	1000
18.	Boron	APHA 4500 B A+C	BDL	mg/L	0.5	1.0
19.	Copper	APHA 3111 A+B	BDL	mg/L	0.05	1.5
20.	Cadmium	APHA 3111 A+B	BDL	mg/L	0.003	No relaxation
21.	Iron	APHA 3500 Fe B	0.28	mg/L	0.3	No relaxation
22.	Lead	APHA 3111 A+B	BDL	mg/L	0.01	No relaxation
23.	Nickel	APHA 3111 A+B	BDL	mg/L	0.02	No relaxation
24.	Zinc	APHA 3111 A+B	BDL	mg/L	5	15
25.	Fluoride	APHA 4500-C	0.24	mg/L	1.0	1.5
26.	Mercury	APHA 3112 A+B	BDL	mg/L	0.001	No relaxation
27.	Total Chromium	APHA 3111 A+B	BDL	mg/L	0.05	No relaxation
28.	Arsenic	APHA 3114 B	BDL	mg/L	0.01	0.05

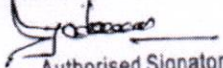
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Review By:

Dr. Ashok Kumar
 Technical Manager

VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)


 Authorised Signatory

D. K. Yadav
 Lab In-charge

TEST REPORT CODE: VGL/W/25/01/29/042

TEST REPORT ISSUE DATE: 03.02.2025

TEST REPORT (WATER)
PART – B (BIOLOGICAL)
TEST RESULTS

Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	Total Coliform Count	APHA 9221 B	<2.0	MPN/100 ML	Shall not be detectable in any 100 ml sample	
2.	Faecal coliform	APHA 9221 E	<2.0	MPN/100 ML		

Page 3 of 3

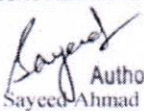
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3. Any discrepancy in test result should be reported within 3Days.
4. The above Results are related to the tested sample only.

Review By

Dr. Ashok Kumar
 Technical Manager

Authorized Signatory
VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)


Sayeed Ahmad
 Authorised Signatory
 Quality Manager

TEST REPORT CODE: VGL/W/25/01/29/043

TEST REPORT ISSUE DATE: 03.02.2025

TEST REPORT (WATER)
PART – A (CHEMICAL)

Name and Address of Customer : SALAIYA LIMESTONE MINES
 (Unit of RCCPL PVT LTD)
 VILLAGES- SALAIYA, AJWAIN, BARROH AND DEVRI-KUBRI,
 TEHSIL- MAIHAR, DISTRICT SATNA, (M.P.)
Location of Sample : PIEZOMETER (DEEP)
Sample Description : GROUND WATER
Date & Time of Sampling : 28.01.2025 01:55 PM
Sample Collected by : MR. ASHISH KUMAR
Environmental Condition (Temp. & RH) : 26.5 °C & 56 %
Sample Packing : SEALED
Sample Id No. : 043
Laboratory Sample Receiving Date : 29.01.2025
Duration of Sample Analysis : 29.01.2025 TO 03.02.2025
Method of Sampling : APHA 1060B & 9060A


TEST RESULTS

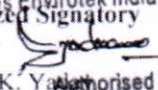
Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	pH	APHA 4500H+A+B	7.64	-	6.5-8.5	No relaxation
2.	Temperature	APHA 2550-A+B	26.3	°C	Not Specified	Not Specified
3.	Colour	APHA 2120-B	<5.0	Hazen	5	15
4.	Turbidity	APHA 2130-A+B	<1.0	NTU	1	5
5.	Odour	APHA 2150-B	Agreeable	-	Agreeable	Agreeable
6.	Alkalinity	APHA 2320-A+B	238.0	mg/L	200	600
7.	Total Dissolved Solids	APHA 2540-C	477.0	mg/L	500	2000
8.	Total Hardness	APHA 2340 A+C	245.0	mg/L	200	600
9.	Calcium	APHA 3500 Ca- A+B	58.6	mg/L	75	200
10.	Magnesium	APHA 3500 Mg A+B	20.8	mg/L	30	100
11.	Sodium	APHA 3500 Na, A+B	31.0	mg/L	-	-
12.	Phosphate	APHA 4500-SO42- E	0.67	mg/L	-	-

Page 1 of 3

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- The above Results are related to the tested sample only.

Review By:

 Dr. Ashok Kumar
 Technical Manager

VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)
Authorized Signatory

 D. K. Yadav
 Authorized Signatory
 Lab In-charge

TEST REPORT CODE: VGL/W/25/01/29/043

TEST REPORT ISSUE DATE: 03.02.2025

TEST REPORT (WATER)
PART – A (CHEMICAL)
TEST RESULTS

13.	Sulfate	APHA 4500-PD	48.7	mg/L	200	400
14.	Potassium	APHA 3500 K, A+B	13.0	mg/L	-	-
15.	Nitrate Nitrogen	APHA 4500-NO ₃ -B	11.8	mg/L	45.0	-
16.	Free Residual Chlorine	APHA 4500-Cl B	BDL	mg/L	0.2	1.0
17.	Chloride	APHA 4500 Cl A+B	58.6	mg/L	250	1000
18.	Boron	APHA 4500 B A+C	BDL	mg/L	0.5	1.0
19.	Copper	APHA 3111 A+B	BDL	mg/L	0.05	1.5
20.	Cadmium	APHA 3111 A+B	BDL	mg/L	0.003	No relaxation
21.	Iron	APHA 3500 Fe B	0.31	mg/L	0.3	No relaxation
22.	Lead	APHA 3111 A+B	BDL	mg/L	0.01	No relaxation
23.	Nickel	APHA 3111 A+B	BDL	mg/L	0.02	No relaxation
24.	Zinc	APHA 3111 A+B	BDL	mg/L	5	15
25.	Fluoride	APHA 4500-C	0.25	mg/L	1.0	1.5
26.	Mercury	APHA 3112 A+B	BDL	mg/L	0.001	No relaxation
27.	Total Chromium	APHA 3111 A+B	BDL	mg/L	0.05	No relaxation
28.	Arsenic	APHA 3114 B	BDL	mg/L	0.01	0.05

Page 2 of 3

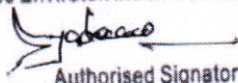
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Review By:

Dr. Ashok Kumar
 Technical Manager

VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)


Authorised Signatory
D. K. Yadav
 Lab In-charge

TEST REPORT CODE: VGL/W/25/01/29/043

TEST REPORT ISSUE DATE: 03.02.2025

TEST REPORT (WATER)
PART – B (BIOLOGICAL)
TEST RESULTS

Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	Total Coliform Count	APHA 9221 B	<2.0	MPN/100 ML	Shall not be detectable in any 100 ml sample	
2.	Faecal coliform	APHA 9221 E	<2.0	MPN/100 ML		

Page 3 of 3

Note:

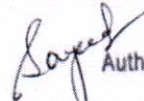
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Review By:



Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
(A Division of Aseries Envirotek India Pvt. Ltd.)


Authorized Signatory
Sayeed Ahmad
Quality Manager

TEST REPORT CODE: VGL/W/25/01/29/044

TEST REPORT ISSUE DATE: 03.02.2025

TEST REPORT (WATER)
PART – A (CHEMICAL)

Name and Address of Customer : SALAIYA LIMESTONE MINES
 (Unit of RCCPL PVT LTD)
 VILLAGES- SALAIYA, AJWAIN, BARROH AND DEVRI-KUBRI,
 TEHSIL- MAIHAR, DISTRICT SATNA, (M.P.)
Location of Sample : SALAIYA VILLAGE (WELL)
Sample Description : GROUND WATER
Date & Time of Sampling : 28.01.2025 02:15 PM
Sample Collected by : MR. ASHISH KUMAR
Environmental Condition (Temp. & RH) : 26.5 °C & 56 %
Sample Packing : SEALED
Sample Id No. : 044
Laboratory Sample Receiving Date : 29.01.2025
Duration of Sample Analysis : 29.01.2025 TO 03.02.2025
Method of Sampling : APHA 1060B & 9060A


TEST RESULTS

Sr. No	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	pH	APHA 4500H+A+B	7.46	-	6.5-8.5	No relaxation
2.	Temperature	APHA 2550-A+B	25.4	°C	Not Specified	Not Specified
3.	Colour	APHA 2120-B	<5.0	Hazen	5	15
4.	Turbidity	APHA 2130-A+B	<1.0	NTU	1	5
5.	Odour	APHA 2150-B	Agreeable	-	Agreeable	Agreeable
6.	Alkalinity	APHA 2320-A+ B	236.0	mg/L	200	600
7.	Total Dissolved Solids	APHA 2540-C	464.5	mg/L	500	2000
8.	Total Hardness	APHA 2340 A+C	243.0	mg/L	200	600
9.	Calcium	APHA 3500 Ca- A+B	49.5	mg/L	75	200
10.	Magnesium	APHA 3500 Mg A+B	21.9	mg/L	30	100
11.	Sodium	APHA 3500 Na, A+B	33.0	mg/L	-	-
12.	Phosphate	APHA 4500-SO42- E	0.65	mg/L	-	-

Page 1 of 3

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Review By:

Dr. Ashish Kumar
 Technical Manager

VIRAT GLOBAL LAB
 Authorized Signatory
 (A Division of Aseries Envirotek India Pvt. Ltd.)
D. K. Yadav
 Lab In-charge
 Authorized Signatory

TEST REPORT CODE: VGL/W/25/01/29/044

TEST REPORT ISSUE DATE: 03.02.2025

TEST REPORT (WATER)
PART – A (CHEMICAL)
TEST RESULTS

13.	Sulfate	APHA 4500-PD	67.5	mg/L	200	400
14.	Potassium	APHA 3500 K, A+B	11.0	mg/L	-	-
15.	Nitrate Nitrogen	APHA 4500-NO ₃ -B	13.8	mg/L	45.0	-
16.	Free Residual Chlorine	APHA 4500-Cl B	BDL	mg/L	0.2	1.0
17.	Chloride	APHA 4500 Cl A+B	68.2	mg/L	250	1000
18.	Boron	APHA 4500 B A+C	BDL	mg/L	0.5	1.0
19.	Copper	APHA 3111 A+B	BDL	mg/L	0.05	1.5
20.	Cadmium	APHA 3111 A+B	BDL	mg/L	0.003	No relaxation
21.	Iron	APHA 3500 Fe B	0.35	mg/L	0.3	No relaxation
22.	Lead	APHA 3111 A+B	BDL	mg/L	0.01	No relaxation
23.	Nickel	APHA 3111 A+B	BDL	mg/L	0.02	No relaxation
24.	Zinc	APHA 3111 A+B	BDL	mg/L	5	15
25.	Fluoride	APHA 4500-C	0.22	mg/L	1.0	1.5
26.	Mercury	APHA 3112 A+B	BDL	mg/L	0.001	No relaxation
27.	Total Chromium	APHA 3111 A+B	BDL	mg/L	0.05	No relaxation
28.	Arsenic	APHA 3114 B	BDL	mg/L	0.01	0.05

Page 2 of 3

Note:

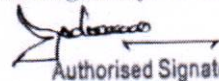
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Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB

(A Division of Aseries Envirotek India Pvt. Ltd.)


Authorized Signatory

D. K. Yadav
Lab In-charge

TEST REPORT CODE: VGL/W/25/01/29/044

TEST REPORT ISSUE DATE: 03.02.2025

TEST REPORT (WATER)
PART – B (BIOLOGICAL)
TEST RESULTS

Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	Total Coliform Count	APHA 9221 B	<2.0	MPN/100 ML	Shall not be detectable in any 100 ml sample	
2.	Faecal coliform	APHA 9221 E	<2.0	MPN/100 ML		

Page 3 of 3

Note:

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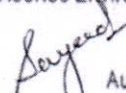
Review By:



Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
(A Division of Aseries Envirotek India Pvt. Ltd.)

Authorized Signatory



Authorised Signatory
Sayeed Ahmad
Quality Manager

TEST REPORT CODE: VGL/W/25/01/29/045

TEST REPORT ISSUE DATE: 03.02.2025

TEST REPORT (WATER)
PART – A (CHEMICAL)

Name and Address of Customer : SALAIYA LIMESTONE MINES
 (Unit of RCCPL PVT LTD)
 VILLAGES- SALAIYA, AJWAIN, BARROH AND DEVRI-KUBRI,
 TEHSIL- MAIHAR, DISTRICT SATNA, (M.P.)
Location of Sample : AJWAIN VILLAGE
Sample Description : GROUND WATER
Date & Time of Sampling : 28.01.2025 02:35 PM
Sample Collected by : MR. ASHISH KUMAR
Environmental Condition (Temp. & RH) : 26.5 °C & 56 %
Sample Packing : SEALED
Sample Id No. : 045
Laboratory Sample Receiving Date : 29.01.2025
Duration of Sample Analysis : 29.01.2025 TO 03.02.2025
Method of Sampling : APHA 1060B & 9060A

TEST RESULTS

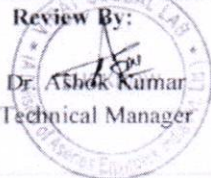
Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	pH	APHA 4500H+A+B	7.86	-	6.5-8.5	No relaxation
2.	Temperature	APHA 2550-A+B	26.2	°C	Not Specified	Not Specified
3.	Colour	APHA 2120-B	<5.0	Hazen	5	15
4.	Turbidity	APHA 2130-A+B	<1.0	NTU	1	5
5.	Odour	APHA 2150-B	Agreeable	-	Agreeable	Agreeable
6.	Alkalinity	APHA 2320-A+ B	261.0	mg/L	200	600
7.	Total Dissolved Solids	APHA2540-C	422.0	mg/L	500	2000
8.	Total Hardness	APHA 2340 A+C	246.3	mg/L	200	600
9.	Calcium	APHA 3500 Ca- A+B	56.0	mg/L	75	200
10.	Magnesium	APHA 3500 Mg A+B	14.8	mg/L	30	100
11.	Sodium	APHA 3500 Na, A+B	26.0	mg/L	-	-
12.	Phosphate	APHA 4500-SO42- E	0.73	mg/L	-	-

Page 1 of 3

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Review By:

Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
(A Division of Aseries Envirotek India Pvt. Ltd.)

D. K. Yadav
Lab In-charge

Authorized Signatory
Authorized Signatory

TEST REPORT CODE: VGL/W/25/01/29/045

TEST REPORT ISSUE DATE: 03.02.2025

TEST REPORT (WATER)
PART – A (CHEMICAL)
TEST RESULTS

13.	Sulfate	APHA 4500-PD	45.8	mg/L	200	400
14.	Potassium	APHA 3500 K, A+B	11.0	mg/L	-	-
15.	Nitrate Nitrogen	APHA 4500-NO ₃ -B	12.6	mg/L	45.0	-
16.	Free Residual Chlorine	APHA 4500-Cl B	BDL	mg/L	0.2	1.0
17.	Chloride	APHA 4500 Cl A+B	35.9	mg/L	250	1000
18.	Boron	APHA 4500 B A+C	BDL	mg/L	0.5	1.0
19.	Copper	APHA 3111 A+B	BDL	mg/L	0.05	1.5
20.	Cadmium	APHA 3111 A+B	BDL	mg/L	0.003	No relaxation
21.	Iron	APHA 3500 Fe B	0.18	mg/L	0.3	No relaxation
22.	Lead	APHA 3111 A+B	BDL	mg/L	0.01	No relaxation
23.	Nickel	APHA 3111 A+B	BDL	mg/L	0.02	No relaxation
24.	Zinc	APHA 3111 A+B	BDL	mg/L	5	15
25.	Fluoride	APHA 4500-C	0.13	mg/L	1.0	1.5
26.	Mercury	APHA 3112 A+B	BDL	mg/L	0.001	No relaxation
27.	Total Chromium	APHA 3111 A+B	BDL	mg/L	0.05	No relaxation
28.	Arsenic	APHA 3114 B	BDL	mg/L	0.01	0.05

Page 2 of 3

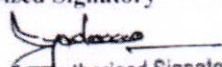
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Review By:

Dr. Ashok Kumar
 Technical Manager

VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)


 Authorised Signatory

D. K. Yadav
 Lab In-charge

TEST REPORT CODE: VGL/W/25/01/29/045

TEST REPORT ISSUE DATE: 03.02.2025

TEST REPORT (WATER)
PART – B (BIOLOGICAL)
TEST RESULTS

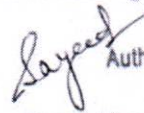
Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	Total Coliform Count	APHA 9221 B	<2.0	MPN/100 ML	Shall not be detectable in any 100 ml sample	
2.	Faecal coliform	APHA 9221 E	<2.0	MPN/100 ML		

Page 3 of 3

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VIRAT GLOBAL LAB
(A Division of Aseries Envirotek India Pvt. Ltd.)
Authorized Signatory


Authorized Signatory
Sayeed Ahmad
Quality Manager

TEST REPORT CODE: VGL/W/25/01/29/046

TEST REPORT ISSUE DATE: 03.02.2025

TEST REPORT (WATER)
PART - A (CHEMICAL)

Name and Address of Customer : SALAIYA LIMESTONE MINES
 (Unit of RCCPL PVT LTD)
 VILLAGES- SALAIYA, AJWAIN, BARROH AND DEVRI-KUBRI,
 TEHSIL- MAIHAR, DISTRICT SATNA, (M.P.)
Location of Sample : BARROH VILLAGE
Sample Description : GROUND WATER
Date & Time of Sampling : 28.01.2025 02:55 PM
Sample Collected by : MR. ASHISH KUMAR
Environmental Condition (Temp. & RH) : 26.5 °C & 56 %
Sample Packing : SEALED
Sample Id No. : 046
Laboratory Sample Receiving Date : 29.01.2025
Duration of Sample Analysis : 29.01.2025 TO 03.02.2025
Method of Sampling : APHA 1060B & 9060A

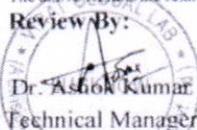
TEST RESULTS

Sr. No	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	pH	APHA 4500H+A+B	7.74	-	6.5-8.5	No relaxation
2.	Temperature	APHA 2550-A+B	25.8	°C	Not Specified	Not Specified
3.	Colour	APHA 2120-B	<5.0	Hazen	5	15
4.	Turbidity	APHA 2130-A+B	<1.0	NTU	1	5
5.	Odour	APHA 2150-B	Agreeable	-	Agreeable	Agreeable
6.	Alkalinity	APHA 2320-A+B	248.0	mg/L	200	600
7.	Total Dissolved Solids	APHA 2540-C	475.3	mg/L	500	2000
8.	Total Hardness	APHA 2340 A+C	224.0	mg/L	200	600
9.	Calcium	APHA 3500 Ca- A+B	65.8	mg/L	75	200
10.	Magnesium	APHA 3500 Mg A+B	20.8	mg/L	30	100
11.	Sodium	APHA 3500 Na, A+B	35.0	mg/L	-	-
12.	Phosphate	APHA 4500-SO42- E	0.62	mg/L	-	-

Page 1 of 3

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Review By:

 Dr. Ashok Kumar
 Technical Manager

VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)

D. K. Yadav
 Lab In-charge
 Authorised Signatory

TEST REPORT CODE: VGL/W/25/01/29/046

TEST REPORT ISSUE DATE: 03.02.2025

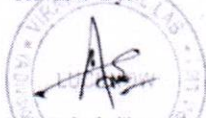
TEST REPORT (WATER)
PART – A (CHEMICAL)
TEST RESULTS

13.	Sulfate	APHA 4500-PD	63.2	mg/L	200	400
14.	Potassium	APHA 3500 K, A+B	11.0	mg/L	-	-
15.	Nitrate Nitrogen	APHA 4500-NO ₃ -B	15.8	mg/L	45.0	-
16.	Free Residual Chlorine	APHA 4500-Cl B	BDL	mg/L	0.2	1.0
17.	Chloride	APHA 4500 Cl A+B	63.6	mg/L	250	1000
18.	Boron	APHA 4500 B A+C	BDL	mg/L	0.5	1.0
19.	Copper	APHA 3111 A+B	BDL	mg/L	0.05	1.5
20.	Cadmium	APHA 3111 A+B	BDL	mg/L	0.003	No relaxation
21.	Iron	APHA 3500 Fe B	0.31	mg/L	0.3	No relaxation
22.	Lead	APHA 3111 A+B	BDL	mg/L	0.01	No relaxation
23.	Nickel	APHA 3111 A+B	BDL	mg/L	0.02	No relaxation
24.	Zinc	APHA 3111 A+B	BDL	mg/L	5	15
25.	Fluoride	APHA 4500-C	0.25	mg/L	1.0	1.5
26.	Mercury	APHA 3112 A+B	BDL	mg/L	0.001	No relaxation
27.	Total Chromium	APHA 3111 A+B	BDL	mg/L	0.05	No relaxation
28.	Arsenic	APHA 3114 B	BDL	mg/L	0.01	0.05

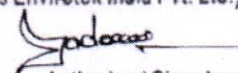
Page 2 of 3

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Review By:

Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
(A Division of Aseries Envirotek India Pvt. Ltd.)


Authorised Signatory
D. K. Yadav
Lab In-charge

TEST REPORT CODE: VGL/W/25/01/29/046

TEST REPORT ISSUE DATE: 03.02.2025

**TEST REPORT (WATER)
PART – B (BIOLOGICAL)**
TEST RESULTS

Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	Total Coliform Count	APHA 9221 B	<2.0	MPN/100 ML	Shall not be detectable in any 100 ml sample	
2.	Faecal coliform	APHA 9221 E	<2.0	MPN/100 ML		

Page 3 of 3

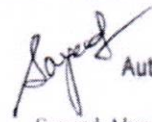
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3. Any discrepancy in test result should be reported within 3Days.
4. The above Results are related to the tested sample only.

Review By:


Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
Authorized Signatory
(A Division of Aseries Envirotek India Pvt. Ltd.)


Authorized Signatory
Sayeed Ahmad
Quality Manager

TEST REPORT CODE: VGL/W/25/01/29/047

TEST REPORT ISSUE DATE: 03.02.2025

TEST REPORT (WATER)
PART - A (CHEMICAL)

Name and Address of Customer : SALAIYA LIMESTONE MINES
(Unit of RCCPL PVT LTD)
VILLAGES- SALAIYA, AJWAIN, BARROH AND DEVRI-KUE
TEHSIL- MAIHAR, DISTRICT SATNA, (M.P.)
Location of Sample : DEVRI-KUBRI VILLAGE
Sample Description : GROUND WATER
Date & Time of Sampling : 28.01.2025 03:10 PM
Sample Collected by : MR. ASHISH KUMAR
Environmental Condition (Temp. & RH) : 26.5 °C & 56 %
Sample Packing : SEALED
Sample Id No. : 047
Laboratory Sample Receiving Date : 29.01.2025
Duration of Sample Analysis : 29.01.2025 TO 03.02.2025
Method of Sampling : APHA 1060B & 9060A

TEST RESULTS

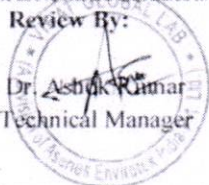
Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	pH	APHA 4500H+A+B	7.58	-	6.5-8.5	No relaxation
2.	Temperature	APHA 2550-A+B	25.8	°C	Not Specified	Not Specified
3.	Colour	APHA 2120-B	<5.0	Hazen	5	15
4.	Turbidity	APHA 2130-A+B	<1.0	NTU	1	5
5.	Odour	APHA 2150-B	Agreeable	-	Agreeable	Agreeable
6.	Alkalinity	APHA 2320-A+B	232.0	mg/L	200	600
7.	Total Dissolved Solids	APHA 2540-C	468.0	mg/L	500	2000
8.	Total Hardness	APHA 2340 A+C	210.0	mg/L	200	600
9.	Calcium	APHA 3500 Ca- A+B	56.7	mg/L	75	200
10.	Magnesium	APHA 3500 Mg A+B	14.8	mg/L	30	100
11.	Sodium	APHA 3500 Na, A+B	26.0	mg/L	-	-
12.	Phosphate	APHA 4500-SO42- E	0.59	mg/L	-	-

Page 1 of 3

Note:

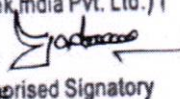
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Review By:

Dr. Ashish Kumar
Technical Manager

VIRAT GLOBAL LAB
Authorized Signatory
(A Division of Aseries Envirotek India Pvt. Ltd.)

D. K. Yadav

Lab In-charge



TEST REPORT CODE: VGL/W/25/01/29/047

TEST REPORT ISSUE DATE: 03.02.2025

TEST REPORT (WATER)
PART - A (CHEMICAL)

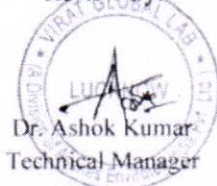
13.	Sulfate	APHA 4500-PD	56.5	mg/L	200	400
14.	Potassium	APHA 3500 K, A+B	11.0	mg/L	-	-
15.	Nitrate Nitrogen	APHA 4500-NO3- B	12.5	mg/L	45.0	-
16.	Free Residual Chlorine	APHA 4500-Cl B	BDL	mg/L	0.2	1.0
17.	Chloride	APHA 4500 Cl A+B	47.8	mg/L	250	1000
18.	Boron	APHA 4500 B A+C	BDL	mg/L	0.5	1.0
19.	Copper	APHA 3111 A+B	BDL	mg/L	0.05	1.5
20.	Cadmium	APHA 3111 A+B	BDL	mg/L	0.003	No relaxation
21.	Iron	APHA 3500 Fe B	0.29	mg/L	0.3	No relaxation
22.	Lead	APHA 3111 A+B	BDL	mg/L	0.01	No relaxation
23.	Nickel	APHA 3111 A+B	BDL	mg/L	0.02	No relaxation
24.	Zinc	APHA 3111 A+B	BDL	mg/L	5	15
25.	Fluoride	APHA 4500-C	0.23	mg/L	1.0	1.5
26.	Mercury	APHA 3112 A+B	BDL	mg/L	0.001	No relaxation
27.	Total Chromium	APHA 3111 A+B	BDL	mg/L	0.05	No relaxation
28.	Arsenic	APHA 3114 B	BDL	mg/L	0.01	0.05

Page 2 of 3

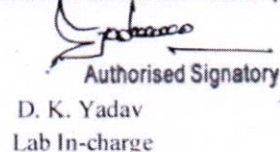
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Review By:


Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
Authorized Signatory
(A Division of Aseries Envirotek India Pvt. Ltd.)


Authorised Signatory
D. K. Yadav
Lab In-charge

TEST REPORT CODE: VGL/W/25/01/29/047

TEST REPORT ISSUE DATE: 03.02.2025

TEST REPORT (WATER)
PART – B (BIOLOGICAL)
TEST RESULTS

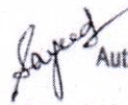
Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	Total Coliform Count	APHA 9221 B	<2.0	MPN/100 ML	Shall not be detectable in any 100 ml sample	
2.	Faecal coliform	APHA 9221 E	<2.0	MPN/100 ML		

Page 3 of 3

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VIRAT GLOBAL LAB
(A Division of Aseries Envirotek India Pvt. Ltd.)


Authorized Signatory
Sayeed Ahmad
Quality Manager



(A Division of Aseries Envirotek India Pvt. Ltd.)

Recognized by MoEF & CC, Accredited by
ISO/IEC-17025:2017 (NABL)
(An ISO 9001:2015, 14001:2015 & 45001:2018)

TEST REPORT CODE: VGL/WL/25/01/29/010-015

TEST REPORT ISSUE DATE: 03.02.2025

WATER LEVEL MONITORING REPORT

Name and Address of Customer : SALAIYA LIMESTONE MINES
(Unit of RCCPL PVT LTD)
VILLAGES- SALAIYA, AJWAIN, BARROH
AND DEVRI-KUBRI, TEHSIL- MAIHAR,
DISTRICT SATNA, (M.P.)

Date of Monitoring : 27.01.2025

Monitoring Done By : MR. ASHISH KUMAR

RESULT


S.No.	Location	Water Level (Below Ground Level)- Meter
1	PIEZOMETER (SHALLOW)	17.8
2	PIEZOMETER (DEEP)	16.6
3	SALAIYA VILLAGE (WELL)	18.9
4	AJWAIN VILLAGE	16.5
5	BRROH VILLAGE	17.7
6	DEVRI-KUBRI VILLAGE	16.3

Page 1 of 1

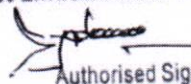
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Review By:


Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
(A Division of Aseries Envirotek India Pvt. Ltd.)


Authorised Signatory

D. K. Yadav
Lab In-charge

TEST REPORT CODE: VGL/W/25/01/29/048

TEST REPORT ISSUE DATE: 03.02.2025

TEST REPORT (SURFACE WATER)

Name and Address of Customer : SALAIYA LIMESTONE MINES
(Unit of RCCPL PVT LTD)
VILLAGES- SALAIYA, AJWAIN, BARROH AND DEVRI-KUBRI, TEHSIL-
MAIHAR, DISTRICT SATNA. (M.P.)

Location of Sample : UP STREAM (RAMGHAT)

Sample Description : SURFACE WATER

Date & Time of Sampling : 28.01.2025 03:50 PM

Sample Collected by : MR. VIRENDRA YADAV

Environmental Condition (Temp. & RH) : 26.5°C & 56 %

Laboratory Sample Receiving Date : 29.01.2025

Duration of Sample Analysis : 29.01.2025 TO 03.02.2025

Method of Sampling : APHA 1060B & 9060A

TEST RESULTS

Sr. No.	Parameters	Test Method	Result	Unit	Specification/Limit (As per IS:2296, Class C)
1.	pH	APHA 4500-H+	7.48	-	6.5 - 8.5
2.	Colour	APHA 2120-B	46.0	Hazen	300
3.	Total Dissolved Solids, (TDS)	APHA 2540-C	741	mg/L	1500
4.	Dissolved Oxygen (DO)	APHA 4500:(O)-C	5.5	mg/L	4
5.	Biological Oxygen Demand (BOD 3d 27°C)	IS: 3025 (Part-44)	6.4	mg/L	3
6.	Chloride, (Cl)	APHA 4500:(Cl)-B	68.0	mg/L	600
7.	Cyanide, (CN)	APHA 4500:(CN)-D	<0.01	mg/L	Not Specified
8.	Fluoride, (F)	APHA 4500:(F)-D	0.63	mg/L	1.5
9.	Sulphate, (SO4)	APHA 4500:(SO4)-E	58.7	mg/L	400
10.	Phenolic Compound, (C6H5OH)	APHA 5530-C	<0.01	mg/L	Not Specified
11.	Mineral Oil	IS 3025 (Part-39)	<0.05	mg/L	Not Specified
12.	Oil & Grease, (O & G)	APHA 5520-D	< 2.0	mg/L	Not Specified
13.	Nitrate, (NO3)	APHA 4500:(NO3)-B	13.8	mg/L	50
14.	Arsenic, (As)	APHA 3120B	<0.01	mg/L	0.2
15.	Copper, (Cu)	APHA 3120B	<0.01	mg/L	Not Specified
16.	Iron, (Fe)	APHA-3120B	0.24	mg/L	Not Specified
17.	Zinc, (Zn)	APHA-3120B	0.21	mg/L	Not Specified
18.	Cadmium, (Cd)	APHA 3120B	<0.01	mg/L	Not Specified
19.	Chromium, (Cr+6)	APHA 3500:(Cr)-B	<0.01	mg/L	Not Specified
20.	Selenium, (as Se)	APHA 3120B	<0.01	mg/L	Not Specified
21.	Lead, (Pb)	APHA-3120B	<0.01	mg/L	0.1
22.	Mercury (Hg)	APHA-3112A+B	<0.01	mg/L	-

Page 1 of 1

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Review By:


Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
(A Division of Aseries Envirotek India Pvt. Ltd.)

Authorized Signatory



Authorized Signatory

D. K. Yadav

Lab In-charge

TEST REPORT CODE: VGL/W/25/01/29/048

TEST REPORT ISSUE DATE: 03.02.2025

TEST REPORT (SURFACE WATER)
TEST RESULTS

Sr. No.	Parameters	Test Method	Result	Unit	Specification/Limit (As per IS:2296, Class C)
23.	Total Coliform Count	APHA24th Ed. 9221-E	267.0	MPN/100 ML	500

Page 2 of 2

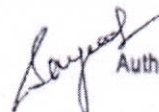
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3. Any discrepancy in test result should be reported within 3Days.
4. The above Results are related to the tested sample only.

Review By:

Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
(A Division of Aseries Envirotek India Pvt. Ltd.)


Authorised Signatory
Sayeed Ahmad
Quality Manager

TEST REPORT CODE: VGL/W/25/01/29/049

TEST REPORT ISSUE DATE: 03.02.2025

TEST REPORT (SURFACE WATER)

Name and Address of Customer : SALAIYA LIMESTONE MINES
 (Unit of RCCPL PVT LTD)
 VILLAGES- SALAIYA, AJWAIN, BARROH AND DEVRI-KUBRI, TEHSIL-
 MAIHAR, DISTRICT SATNA, (M.P.)
Location of Sample : DOWN STREAM (RAMGHAT)
Sample Description : SURFACE WATER
Date & Time of Sampling : 28.01.2025 04:10 PM
Sample Collected by : MR. VIRENDRA YADAV
Environmental Condition (Temp. & RH) : 26.5°C & 56 %
Laboratory Sample Receiving Date : 29.01.2025
Duration of Sample Analysis : 29.01.2025 TO 03.02.2025
Method of Sampling : APHA 1060B & 9060A

TEST RESULTS

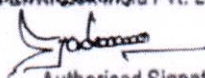
Sr. No.	Parameters	Test Method	Result	Unit	Specification/Limit (As per IS:2296, Class C)
1.	pH	APHA 4500-H+	7.55	-	6.5 - 8.5
2.	Colour	APHA 2120-B	43.0	Hazen	300
3.	Total Dissolved Solids, (TDS)	APHA 2540-C	782	mg/L	1500
4.	Dissolved Oxygen (DO)	APHA 4500:(O)-C	4.2	mg/L	4
5.	Biological Oxygen Demand (BOD 3d 27°C)	IS: 3025 (Part-44)	12.5	mg/L	3
6.	Chloride, (Cl)	APHA 4500:(Cl)-B	71.0	mg/L	600
7.	Cyanide, (CN)	APHA 4500:(CN)-D	<0.01	mg/L	Not Specified
8.	Fluoride, (F)	APHA 4500:(F)-D	0.78	mg/L	1.5
9.	Sulphate, (SO4)	APHA 4500:(SO4)-E	65.6	mg/L	400
10.	Phenolic Compound, (C6H5OH)	APHA 5530-C	<0.01	mg/L	Not Specified
11.	Mineral Oil	IS 3025 (Part-39)	<0.05	mg/L	Not Specified
12.	Oil & Grease, (O & G)	APHA 5520-D	< 2.0	mg/L	Not Specified
13.	Nitrate, (NO3)	APHA 4500:(NO3)-B	14.8	mg/L	50
14.	Arsenic, (As)	APHA 3120B	<0.01	mg/L	0.2
15.	Copper, (Cu)	APHA 3120B	<0.01	mg/L	Not Specified
16.	Iron, (Fe)	APHA-3120B	0.39	mg/L	Not Specified
17.	Zinc, (Zn)	APHA-3120B	0.23	mg/L	Not Specified
18.	Cadmium, (Cd)	APHA 3120B	<0.01	mg/L	Not Specified
19.	Chromium, (Cr+6)	APHA 3500:(Cr)-B	<0.01	mg/L	Not Specified
20.	Selenium, (as Se)	APHA 3120B	<0.01	mg/L	Not Specified
21.	Lead, (Pb)	APHA-3120B	<0.01	mg/L	0.1
22.	Mercury (Hg)	APHA-3112A+B	<0.01	mg/L	-

Page 1 of 1

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VIRAT GLOBAL LAB
 (A Division of Aseries Envirotek India Pvt. Ltd.)


Authorised Signatory
 D. K. Yadav
 Lab In-charge

TEST REPORT CODE: VGL/W/25/01/29/049

TEST REPORT ISSUE DATE: 03.02.2025

TEST REPORT (SURFACE WATER)
TEST RESULTS


Sr. No.	Parameters	Test Method	Result	Unit	Specification/Limit (As per IS:2296, Class C)
23.	Total Coliform Count	APHA24th Ed. 9221-E	305.0	MPN/100 ML	500

Page 2 of 2

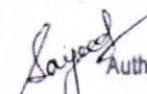
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Review By:


Dr. Ashok Kumar
Technical Manager

VIRAT GLOBAL LAB
Authorized Signatory
(A Division of Aseries Envirotek India Pvt. Ltd.)


Authorized Signatory
Sayeed Ahmad
Quality Manager



CES ANALYTICAL AND RESEARCH SERVICES (I) PVT. LTD.

Accredited Organisation by National Accreditation Board for Testing and Calibration Laboratories (NABL) CIN : U74999MP2020PTC052747



TC-6872

TEST REPORT

AMBIENT AIR QUALITY REPORT			
Name & Address of the Customer To, M/S RCCPL Private Limited Maihar (M.P.) Location: - Salaiya Mines	ULR No: TC687225100000256F		
	Test Report No:-CES/LAB/Air/25/70		
	Dispatch No: 746		
	Issue Date: 01.04.2025		
	Client Ref: Nil		
Method of test : IS: 5182		Date : Nil	
Test required: As per work order		Sampling Details	
Sample Collected By:- CES representative		Sample Monitored	: Ambient Air Quality
Instrument used: Eco Tech FDS		Date of Sampling	: 20.03.2025
Page 1 of 1		Date of Receipt	: 25.03.2025
No. of Sampling Locations -05		Period of testing	: 25.03.2025 to 01.04.2025
Atmospheric condition : Clear		Duration of sampling	: 8 hrs
		Serial No. of samples	: 70/1

AMBIENT AIR QUALITY RESULTS			
S. No.	Parameters	NAAQ Standards (industrial area)	Pollutant Concentration Salaiya Village Boundary (70/1)
1	Date of Sampling		20.03.2025
2	Wind direction		SE
3	Wind speed km/h		9
4	Relative Humidity %		35
5	Ambient Temp. (°C)		32
	Parameters		Pollutant Concentration
1	Particulate matter (size less than 10µm) or PM ₁₀ (µg/m ³)	100	51.46
2	Particulate matter (size less than 2.5µm) or PM _{2.5} (µg/m ³)	60	21.48
3	Sulphur Di-Oxide (SO ₂) (µg/m ³)	80	9.12
4	Oxide of Nitrogen (NO _x) (µg/m ³)	80	12.00
5	Carbon mono Oxide mg/m ³ (CO)	4	<1.00

NAAQ- National Ambient Air Quality Standards CPCB Notification 18 th Nov. 2009

For CES Analytical and Research Services (I) Pvt. Ltd

Checked By:

NEELAM UPADHYAY
TECHNICAL MANAGER

Authorized Signatory

SANTOSH KHANTAL
QUALITY MANGAER

The Results relate only to the sample tested/ sampled

Note:-The Report will not valid for any legal case, if prior permission not taken from CES.

-----*End of Report*-----

42,48,Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

Telephone : 0755-4299319, Fax : 0755-4243510, Mobile : 9425009319

Email: cesanalytical@gmail.com, creativelab.bpl@gmail.com, Websearch : www.creativeenviroservices.com

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CES ANALYTICAL AND RESEARCH SERVICES (I) PVT. LTD.

Accredited Organisation by National Accreditation Board for Testing and Calibration Laboratories (NABL) CIN : U74999MP2020PTC052747



TC-6872

TEST REPORT

AMBIENT AIR QUALITY REPORT		
Name & Address of the Customer To, M/S RCCPL Private Limited Maihar (M.P.) Location: - Salaiya Mines	ULR No: TC687225100000257F Test Report No:-CES/LAB/Air/25/70 Dispatch No: 746 Issue Date: 01.04.2025 Client Ref: Nil Date : Nil	
Method of test : IS: 5182	Sampling Details	
Test required: As per work order	Sample Monitored	: Ambient Air Quality
Sample Collected By:- CES representative	Date of Sampling	: 20.03.2025
Instrument used: Eco Tech FDS	Date of Receipt	: 25.03.2025
Page 1 of 1	Period of testing	: 25.03.2025 to 01.04.2025
No. of Sampling Locations -05	Duration of sampling	: 8 hrs
Atmospheric condition : Clear	Serial No. of samples	: 70/2

AMBIENT AIR QUALITY RESULTS			
S. No.	Parameters	NAAQ Standards (industrial area)	Pollutant Concentration Ajwain Village (70/2)
1	Date of Sampling		20.03.2025
2	Wind direction		SE
3	Wind speed km/h		9
4	Relative Humidity %		35
5	Ambient Temp. (°C)		32
	Parameters		Pollutant Concentration
1	Particulate matter (size less than 10µm) or PM ₁₀ (µg/m ³)	100	55.16
2	Particulate matter (size less than 2.5µm) or PM _{2.5} (µg/m ³)	60	25.37
3	Sulphur Di-Oxide (SO ₂) (µg/m ³)	80	7.46
4	Oxide of Nitrogen (NO _x) (µg/m ³)	80	12.10
5	Carbon mono Oxide mg/m ³ (CO)	4	<1.00

NAAQ- National Ambient Air Quality Standards CPCB Notification 18 th Nov. 2009

For CES Analytical and Research Services (I) Pvt. Ltd

Checked By: 
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TC-6872

TEST REPORT

AMBIENT AIR QUALITY REPORT			
Name & Address of the Customer To, M/S RCCPL Private Limited Maihar (M.P.) Location: - Salaiya Mines		ULR No: TC687225100000258F	
		Test Report No:-CES/LAB/Air/25/70	
		Dispatch No: 746	
		Issue Date: 01.04.2025	
		Client Ref: Nil	
Method of test : IS: 5182		Date : Nil	
Test required: As per work order		Sampling Details	
Sample Collected By:- CES representative		Sample Monitored	: Ambient Air Quality
Instrument used: Eco Tech FDS		Date of Sampling	: 20.03.2025
Page 1 of 1		Date of Receipt	: 25.03.2025
No. of Sampling Locations -05		Period of testing	: 25.03.2025 to 01.04.2025
Atmospheric condition : Clear		Duration of sampling	: 8 hrs
		Serial No. of samples	: 70/3

AMBIENT AIR QUALITY RESULTS			
S. No.	Parameters	NAAQ Standards (industrial area)	Pollutant Concentration Devri Kubri Village (70/3) 20.03.2025
1	Date of Sampling		SE
2	Wind direction		9
3	Wind speed km/h		35
4	Relative Humidity %		32
5	Ambient Temp. (°C)		
	Parameters		Pollutant Concentration
1	Particulate matter (size less than 10µm) or PM ₁₀ (µg/m ³)	100	61.48
2	Particulate matter (size less than 2.5µm) or PM _{2.5} (µg/m ³)	60	19.66
3	Sulphur Di-Oxide (SO ₂) (µg/m ³)	80	10.13
4	Oxide of Nitrogen (NO _x) (µg/m ³)	80	14.20
5	Carbon mono Oxide mg/m ³ (CO)	4	<1.00

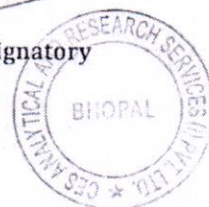
NAAQ- National Ambient Air Quality Standards CPCB Notification 18 th Nov. 2009

For CES Analytical and Research Services (I) Pvt. Ltd

Checked By:

NEELAM UPADHYAY
TECHNICAL MANAGER

Authorized Signatory
SANTOSH KHANTAL
QUALITY MANGAER



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-----*End of Report*-----

42,48, Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

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Accredited Organisation by National Accreditation Board for Testing and Calibration Laboratories (NABL) CIN : U74999MP2020PTC052747



TC-6872

TEST REPORT

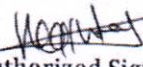
AMBIENT AIR QUALITY REPORT	
Name & Address of the Customer To, M/S RCCPL Private Limited Maihar (M.P.) Location: - Salaiya Mines	ULR No: TC687225100000259F Test Report No:-CES/LAB/Air/25/70 Dispatch No: 746 Issue Date: 01.04.2025 Client Ref: Nil Date : Nil
Method of test : IS: 5182	Sampling Details
Test required: As per work order	Sample Monitored : Ambient Air Quality
Sample Collected By:- CES representative	Date of Sampling : 20.03.2025
Instrument used: Eco Tech FDS	Date of Receipt : 25.03.2025
Page 1 of 1	Period of testing : 25.03.2025 to 01.04.2025
No. of Sampling Locations -05	Duration of sampling : 8 hrs
Atmospheric condition : Clear	Serial No. of samples : 70/4

AMBIENT AIR QUALITY RESULTS			
S. No.	Parameters	NAAQ Standards (industrial area)	Pollutant Concentration Barroh Village (70/4)
1	Date of Sampling		20.03.2025
2	Wind direction		SE
3	Wind speed km/h		9
4	Relative Humidity %		35
5	Ambient Temp. (°C)		32
	Parameters		Pollutant Concentration
1	Particulate matter (size less than 10µm) or PM ₁₀ (µg/m ³)	100	52.77
2	Particulate matter (size less than 2.5µm) or PM _{2.5} (µg/m ³)	60	21.56
3	Sulphur Di-Oxide (SO ₂) (µg/m ³)	80	8.00
4	Oxide of Nitrogen (NO _x) (µg/m ³)	80	11.59
5	Carbon mono Oxide mg/m ³ (CO)	4	<1.00

NAAQ- National Ambient Air Quality Standards CPCB Notification 18 th Nov. 2009

For CES Analytical and Research Services (I) Pvt. Ltd

Checked By:  NEELAM UPADHYAY
TECHNICAL MANAGER


Authorized Signatory
SANTOSH KHANTAL
QUALITY MANGAER

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-----*End of Report*-----

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CES ANALYTICAL AND RESEARCH SERVICES (I) PVT. LTD.

Accredited Organisation by National Accreditation Board for Testing and Calibration Laboratories (NABL) CIN : U74999MP2020PTC052747



TC-6872

TEST REPORT

AMBIENT AIR QUALITY REPORT		
Name & Address of the Customer To, M/S RCCPL Private Limited Maihar (M.P.) Location: - Salaiya Mines	ULR No: TC687225100000260F	
	Test Report No:-CES/LAB/Air/25/70	
	Dispatch No: 746	
	Issue Date: 01.04.2025	
	Client Ref: Nil	
Method of test : IS: 5182		Date : Nil
Test required: As per work order		Sampling Details
Sample Collected By:- CES representative		Sample Monitored : Ambient Air Quality
Instrument used: Eco Tech FDS		Date of Sampling : 20.03.2025
Page 1 of 1		Date of Receipt : 25.03.2025
No. of Sampling Locations -05		Period of testing : 25.03.2025 to 01.04.2025
Atmospheric condition : Clear		Duration of sampling : 8 hrs
		Serial No. of samples : 70/5

AMBIENT AIR QUALITY RESULTS			
S. No.	Parameters	NAAQ Standards (industrial area)	Pollutant Concentration Near Working Pit (70/5)
1	Date of Sampling		20.03.2025
2	Wind direction		SE
3	Wind speed km/h		9
4	Relative Humidity %		35
5	Ambient Temp. (°C)		32
	Parameters		Pollutant Concentration
1	Particulate matter (size less than 10µm) or PM ₁₀ (µg/m ³)	100	56.25
2	Particulate matter (size less than 2.5µm) or PM _{2.5} (µg/m ³)	60	30.15
3	Sulphur Di-Oxide (SO ₂) (µg/m ³)	80	7.47
4	Oxide of Nitrogen (NO _x) (µg/m ³)	80	12.50
5	Carbon mono Oxide mg/m ³ (CO)	4	<1.00

NAAQ- National Ambient Air Quality Standards CPCB Notification 18 th Nov. 2009

For CES Analytical and Research Services (I) Pvt. Ltd

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Event Report

(Blast Id- 471/B)

Date/Time Vert at 12:16:49 November 30, 2024
 Trigger Source Geo: 0.500 mm/s, Mic: 2.000 pa.(L)
 Range Geo: 254.0 mm/s
 Record Time 2.0 sec at 1024 sps
 Operator/Setup: Operator/RCCPL.mmb

Serial Number UM12753 V 10-88 Micromate ISEE
 Battery Level 3.7 Volts
 Unit Calibration July 20, 2024 by UES New Delhi
 File Name UM12753_20241130121649.IDFW

Notes

Location: SALAIYA LIMESTONE MINE
 Client: M/s ROEVPL PRIVATE LIMITED MAIHAR
 User Name: MANVENDRA SINGH
 General: VIBRATION MONITOR

Post Event Notes

Blasted 45 Holes in 1st Bench south pit with S*B*D is 4.0*3.0*6.0
 Mtrs having Avg./Charge/Holes is 13.90 Kgs Micromate is Placed at
 Distance of 219 mtrs from the Blasting face Near Salaya Villageside

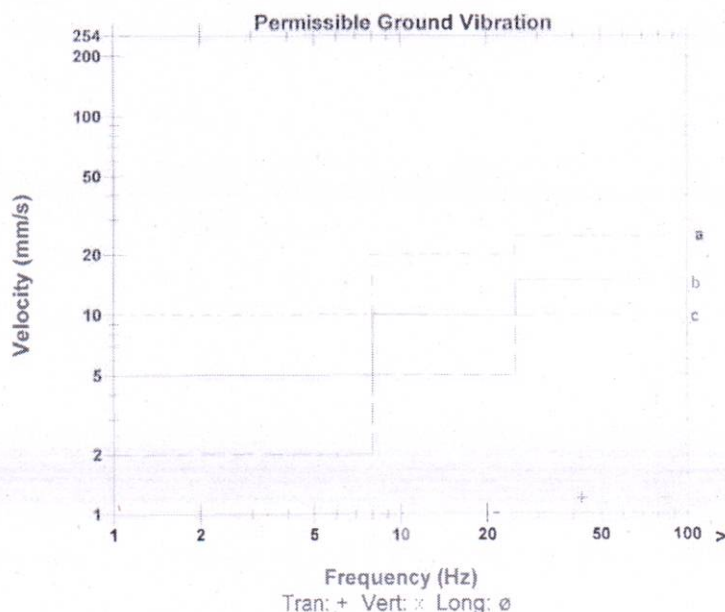
Extended Notes

Microphone Linear Weighting
 PSPL <0.500 pa.(L)
 ZC Freq 43 Hz
 Channel Test Passed (Freq = 20.5 Hz Amp = 1395 mv)

	Tran	Vert	Long	
PPV	1.198	1.371	0.954	mm/s
ZC Freq	43	85	37	Hz
Time (Rel. to Trig)	0.156	0.096	0.098	sec
Peak Acceleration	0.065	0.077	0.056	g
Peak Displacement	0.011	0.003	0.003	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.5	7.1	Hz
Overswing Ratio	3.9	4.0	4.1	

Peak Vector Sum 1.723 mm/s at 0.096 sec
 N/A: Not Applicable

DGMS India (A)



- a) Industrial Buildings
- b) Domestic houses/structures
- c) Historic objects, sensitive structures



Time Scale: 0.20 sec/div Amplitude Scale: Geo: 2.000 mm/s/div Mic: 1.000 pa.(L)/div
 Trigger = ▶ — ◀

Sensor Check



CES ANALYTICAL AND RESEARCH SERVICES (I) PVT. LTD.

Accredited Organisation by National Accreditation Board for Testing and Calibration Laboratories (NABL) CIN : U74999MP2020PTC052747



TC-6872

TEST REPORT

Name & Address of the Customer To, M/S RCCPL Private Limited Maihar (M.P.) Location: - Salaiya Mines.	ULR No.: TC687225200000074F Test Report No:-CES/LAB/Noise/25/70 Dispatch No: 746 Issue Date: 01.04.2025 Client Ref: Nil Date : Nil
Sample Particulars: Ambient Noise Level Monitoring	Date of monitoring : 20.03.2025
Test required: As given below	Date of Receipt : 25.03.2025
Protocol for testing : IS-9989-2001	Date of commencement of testing : 25.03.2025
Sample collected by: CES representative	Sample condition at receipt : Ok
Atmospheric condition: Clear	Sample tested as received : 25.03.2025

TEST RESULTS

Day Time

Sr. No	Location	Monitoring Time	Unit	Noise level	
				Minimum	Maximum
1	Way bridge	10:20 AM	dB(A)	61.20	65.30
2	Working Pit	10:30 AM	dB(A)	57.40	63.00
3	Deori kubri Village	10:40 AM	dB(A)	45.10	51.70
4	Salaiya Village	10:50 AM	dB(A)	48.20	52.80
5	Ajwain Village	11:00 AM	dB(A)	47.30	50.40
6	Santipur Village	11:10 AM	dB(A)	45.00	52.70
7	Hanuman Nagar Basti	11:20 AM	dB(A)	41.30	55.00

Night Time

Sr. No	Location	Monitoring Time	Unit	Noise level	
				Minimum	Maximum
1	Way bridge	11:00 PM	dB(A)	42.30	45.60
2	Working Pit	11:20 PM	dB(A)	41.70	49.30
3	Deori kubri Village	11:30 PM	dB(A)	35.80	44.70
4	Salaiya Village	11:45 PM	dB(A)	40.00	43.50
5	Ajwain Village	12:00 AM	dB(A)	38.60	44.30
6	Santipur Village	12:20 AM	dB(A)	41.20	44.00
7	Hanuman Nagar Basti	12:40 AM	dB(A)	40.00	43.50

For CES Analytical and Research Services (I) Pvt. Ltd

Checked By: NEELAM UPADHYAY
TECHNICAL MANAGER

Authorized Signatory
 SANTOSH KHANTALE
QUALITY MANAGER

The Results relate only to the sample tested/ sampled

Note:-The Report will not valid for any legal case, if prior permission not taken from CES.

-----*End of Report*-----

42,48, Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

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TC-6872

TEST REPORT

Name & Address of the Customer To, M/S RCCPL Private Limited Maihar (M.P.) Location: - Salaiya Mines.	ULR No.: TC687225200000075F Test Report No:-CES/LAB/Noise/25/71 Dispatch No: 746 Issue Date: 01.04.2025 Client Ref: Nil Date : Nil
Sample Particulars: HEMM Noise Level Monitoring	Date of monitoring : 20.03.2025
Test required: As given below	Date of Receipt : 25.03.2025
Protocol for testing : IS-9989-2001	Date of commencement of testing : 25.03.2025
Sample collected by: CES representative	Sample condition at receipt : Ok
Atmospheric condition: Clear	Sample tested as received : 25.03.2025

TEST RESULTS

Sr. No	Location	Noise level in dB(A)	Total exposure shift of 8 Hr. T. N. Hrs. Min.	Protection level required
Loader				
1	Inside of the cabin	55.20	6 hours	Ear plugs
2	Outside of the cabin			
	1m	61.40	6 hours	Ear plugs
	3m	55.70		
	5m	51.50		
Excavator PC 450				
3	Inside of the cabin	56.30	6 hours	Ear plugs
4	Outside of the cabin			
	1m	55.20	6 hours	Ear plugs
	3m	53.80		
	5m	50.00		
Excavator BE-1000E				
5	Inside of the cabin	57.40	6 hours	Ear plugs
6	Outside of the cabin			
	1m	57.60	6 hours	Ear plugs
	3m	54.10		
	5m	52.30		
Grader				
7	Inside of the cabin	54.10	6 hours	Ear plugs
8	Outside of the cabin			
	1m	56.70	6 hours	Ear plugs
	3m	52.10		
	5m	50.20		

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TEST REPORT

Name & Address of the Customer To, M/S RCCPL Private Limited Maihar (M.P.) Location: - Salaiya Mines.	ULR No.: TC687225200000075F Test Report No:-CES/LAB/Noise/25/71 Dispatch No: 746 Issue Date: 01.04.2025 Client Ref: Nil Date : Nil
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Sample collected by: CES representative	Sample condition at receipt : Ok
Atmospheric condition: Clear	Sample tested as received : 25.03.2025

TEST RESULTS

Sr. No	Location	Noise level in dB(A)	Total exposure shift of 8 Hr. T. N. Hrs. Min.	Protection level required
Drill machine				
9	Inside of the cabin	60.00	6 hours	Ear plugs
10	Outside of the cabin			
	1m	62.40	6 hours	Ear plugs
	3m	57.30		
	5m	52.70		
Dumper				
11	Inside of the cabin	56.10	6 hours	Ear plugs
12	Outside of the cabin			
	1m	58.40	6 hours	Ear plugs
	3m	55.10		
	5m	53.20		
Dozed				
13	Inside of the cabin	58.40	6 hours	Ear plugs
14	Outside of the cabin			
	1m	57.10	6 hours	Ear plugs
	3m	52.30		
	5m	50.70		
Compactor				
15	Inside of the cabin	55.80	6 hours	Ear plugs
16	Outside of the cabin			
	1m	54.70	6 hours	Ear plugs
	3m	52.10		
	5m	47.30		

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