

Ref. HIL/SBM/MoEF&CC/ 70 /2025

Date: 27-05-2025

To, The Director General of Forest (C), Ministry of Environment & Forest and Climate Change, Integrated Regional Office, Ground Floor, Aranya Bhawan, North Block, Sector-19, Naya Raipur, Atal Nagar, Chhattisgarh-492002 Email: <u>iro.raipur-mefcc@gov.in</u>

Sub: - Status of compliance of EC condition (Half yearly status of compliance report) in respect of Tatijharia Bauxite Mine (Lease area- 1218.762 Ha.) of M/s Hindalco Industries Limited of Chhattisgarh state for the period from October 2024 – March 2025.

Ref No: - Environment Clearance Letter No-J-11015/337/2007-IA. II (M) dated Aug. 9, 2007

### Dear Sir,

We do herewith submit half yearly status of EC compliance report in respect of Tatijharia Bauxite Mine, Lease area – 1218.762 Ha, of M/s Hindalco Industries Limited P.O- Kusmi, Dist.- Balrampur-Ramanujganj, Chhattisgarh state, PIN-497224 for the period from October 2024 – March 2025. The lease details are as below: -

Lease area	Production Capacity	Lease Period
1218.762 Ha.	400000 Tonnes	25.06.1998 to 24.06.2048
1210.702 11a.	40000 Tollies	(50years)

We trust that the measures taken towards environment safeguard comply with the stipulated environmental conditions. We assure that we comply all the conditions laid down in the consent letter and also abide to follow all the Rules and Regulations.

Thanking you, Yours's faithfully For, Hindalco Industries Limited

(Sanjay Pardhi) Agent of Mines

Encl.: As Above CC: <u>moef.ddn@gmail.com</u>; <u>apccfcentral-ngp-mef@gov.in</u>; <u>hocecb@gmail.com</u>;

eccompliance-cg@gov.in; cpcb.bhopal@gov.in;

HINDALCO INDUSTRIES LIMITED Samri Mines, Division, Baba Chowk At & Post - Kusmi, PIN : 497 224, Distt - Balrampur-Ramanujganj (Chhattisgarh) INDIA

#### **REGISTERED OFFICE**

21st Floor, One International Center Tower 4, Prabhadevi, Near Prabhadevi Railway Station Senapati Bapat Marg, Mumbai 400 013 Telephone +91 22 694 7 7000 / 6947 7150 IF : +91 22 694 7 7001 / 6947 7090

Website : www.hindalco.com E-mail : hindalco@adityabirla.com Corporate Identity No. : L27020MH1958PLC011238 EC Compliance for Tatijharia Bauxite Mine (Mine Lease Area of 1218.762 Ha), Tehsil - Kusmi, District – Balrampur-Ramanujganj, State – Chhattisgarh

M/s. Hindalco Industries Limited Compliance Period: October- 2024 to March-2025

Name of the Project	:	Tatijharia Bauxite Mines (1218.762Ha. Capacity-4.00LTPA), M/s Hindalco Industries Ltd
Environment Clearance No & date	:	J-11015/337/2007 – IA.(IIM) dated 09.08.2007
Period of compliance Report	:	1 <sup>st</sup> October 2024 to 31 <sup>st</sup> March 2025

# **A.** Specific Conditions

**Condition-1:** Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority.

**Reply to Condition 1:** The Wildlife Management plan has been prepared and approved by competent Authority vide letter no. 12/13/2967, dated 07.10.2013. The copy attached as *Annexure –A*.

**Condition-2:** Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ petition (Civil) No. 460 of 2004 as may be applicable to this project.

Reply to Condition 2: Noted.

**Condition-3:** Conservation plan for schedule I fauna (if found in the study area) shall be prepared in consultation with Wildlife Department for implementation.

**Reply to Condition 3:** The Conservation plan for schedule I fauna have been prepared and approved by competent authority & submitted to ministry. The detail list of flora & fauna along with the approved conservation plan is attached as *Annexure* -B.

**Condition-4:** The mining operations shall be restricted to above ground water table and it shall not intersect ground water table. Prior approval of the Ministry and CGWA should be obtained for mining if any below water table.

**Reply to Condition 4:** The mining operation is restricted to well above ground water table. As per our current mining operation, ultimate depth of working is about 15-20 meters below. The ground water table is below the depth of our mining operation. Piezometer has been installed at strategic location in the Lease area for monitoring the ground water level and the average depth of which is 25-30m. Hence there is no intersection of groundwater level during course of mining operation.

**Condition-5:** Top soil, if any shall be stacked properly with proper slope with adequate safeguards and shall must be used for reclamation and rehabilitation of mined out area.

**Reply to Condition 5:** Top soil generated during mining operation is being concurrently spread on backfilled area to restore its original forms. However, if required it will be stacked properly with proper slope and adequate safeguards.

#### EC Compliance for Tatijharia Bauxite Mine (Mine Lease Area of 1218.762 Ha), Tehsil - Kusmi, District – Balrampur-Ramanujganj, State – Chhattisgarh

#### M/s. Hindalco Industries Limited Compliance Period: October- 2024 to March-2025



Land preparation for reclamation

**Condition-6:** Over burden shall be stacked at earmarked dump site (s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 30m, each stage shall preferably be of 10m and over all slope of the dump shall not exceed 28<sup>0</sup>. The mine pit area shall be reclaimed by back filling the OB in a phased manner. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests on six monthly basis.

**Reply to Condition 6:** As such there is no any active OB dump at present. As per approved Mining Plan, OB generated during mine operation is being utilized for concurrently back filling of the mined out area for reclamation purpose. Old inactive OB dump has been stabilized by vegetation with suitable native species to prevent erosion and surface run off.



# Old Inactive OB Dump with Plantation

**Condition-7:** Garland drains shall be constructed to arrest silt and sediment flows from soil and mineral dump. The water so collected shall be utilized for watering the mine area, roads, greens belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly. Garland drain (size, gradient and length) shall be constructed for both mine pit and for waste dump and sump capacity shall 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 shall also provide adequate retention period to allow proper settle ng of silt material. Sedimentation pits shall be constructed at the corners of the garlands drains and desilted at regular intervals.

**Reply to Condition 7:** Garland drains approx. 80m long along with retaining wall of appropriate size (1m height x 0.5m width x 210m length) have been made around the active mining pits coupled with arrester to arrest silt from run-off and drains are being maintained. The drains are regularly desilted before the monsoon. The Water so collected are being used for green belt development and in sprinkling of the haul road. Sump of adequate capacity is also developed.

At present there is no active OB dump. Entire waste generated during mining operation is being simultaneously backfilled in the mined out pit. An old inactive OB dump has been stabilized by vegetation. Garland drain is provided to arrest silt and sediments flows from above mentioned OB dump.



**Condition-8:** The project proponent shall ensure that no natural water course shall be obstructed due to mining operation.

**Reply to Condition 8:** We undertake that no natural water course is obstructed during mining operation. There is only seasonal nala and the mining operation is diverted from the channel.

**Condition-9:** Blasting operations shall be carried out only during the day time. Controlled blasting shall be practiced. The drills should be operated with drill extractors. The mitigative measures for control of ground vibrations and arrest fly rocks shall be implemented. Blasting scientific based on peak particle velocity, charge per delay and blast geometry shall be evolved for maximum production. The same shall be submitted to the Ministry within six months.

**Reply to Condition 9:** Controlled blasting is being practiced in the mine. Wet drilling Machines are being used during drilling operations. Nonel & effective blast design are used to control blast vibration and fly rocks. Blasting is carried out only in day hours.

# EC Compliance for Tatijharia Bauxite Mine (Mine Lease Area of 1218.762 Ha), Tehsil - Kusmi, District – Balrampur-Ramanujganj, State – Chhattisgarh

#### M/s. Hindalco Industries Limited Compliance Period: October- 2024 to March-2025

**Condition-10:** Plantation shall be raised in an area of 40.84 ha including green belt of adequate width by planting native species around the ML area, roads; OB dump sites etc. in consultation with the local DFO/Agriculture Department. The density of the trees shall be around 2500 plants per ha. Selection of plant species shall be as per CPCB guidelines. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation.

**Reply to Condition 10:** Total 96.354 ha. have been afforested with 234932 nos. of species till date. The plantation on the reclaimed area has been carried out as per plan. The density is being maintained about 2500 plant per hectare with species like Amla, mango, babul, pears, guava and Jamun. Plantation has been carried out over 7.916 ha. with 20815 saplings during Apr'24 to Mar'25. Social forestry is also being encouraged among the local villagers. Apart from that local food grain rice & Tau has been planted over the reclaimed area of 1.500 Ha. Year wise plantation is enclosed as *Annexure-C*.

**Condition-11:** The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.

**Reply to Condition 11:** Rain water harvesting structure (2 nos. of Ponds and Wells) of area at 0.79 Ha. (Betpani), 0.69 Ha. (Piprapat-1) and 5ft. x 10 ft.) has been constructed as conservation measures in mined out area for the conservation/augmentation of ground water resources. Such measures also help in increasing the water credit of the Lease area.



RWH Pond & Recharge well

**Condition-12:** Regular water sprinkling shall be carried in critical areas prone to air pollution and having high levels of SPM and RSPM such as haul road, loading, unloading and transfer points and other vulnerable areas. It should be ensured that the ambient air quality parameters conform to the norms prescribed by the CPCB in this regard.

**Reply to Condition 12:** Regular water spraying with 12 KL water tanker in the mine lease hold area is being carried out regularly to control air pollution. The ambient air quality is within the stipulated norms.



Water Sprinkling in the Haul Road

**Condition-13:** Regular monitoring of ground water level and quality shall be carried out 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 MOEF, Central Ground Water Authority and Regional Director Central Ground Water Board.

**Reply to Condition 13:** The depth of our mining operation varies from 15-20m. Piezometer has been installed at strategic location within the lease area to monitor the Ground Water level and the average depth of which is 25 to 30m. The ground water table is below the depth of our mining operation. Hence there is no intersection of groundwater level during course of mining operation. Regular monitoring of ground water quality is being carried out. The analysis reports are being submitted to CECB, Raipur. Regular monitoring of ground water level is being carried out and is found below level of mining operation. The ground water Quality & GW level report is attached in *Annexure – D*.

**Condition-14:** Rainwater harvesting measures on long term basis shall be planned and implemented in consultation with Regional Director, CGWB.

**Reply to Condition 14:** Permanent type Rainwater harvesting ponds/Recharge well has been made and the water is being used for plantation and dust suppression activity.

**Condition-15:** Prior permission from the competent authority shall be obtained for drawl of ground water, if any.

**Reply to Condition 15:** Ground water NOC has been obtained from the CGWA vide letter no. NOC/MIN/CG/2025/1632/R-3/3, dated 12.03.2025 with validity up to 27.03.2027. This water is used for domestic purpose. We are not drawing ground water for industrial use, if required: the prior permission will be taken from competent authority. The GW NOC Copy is attached as *Annexure – E*.

**Condition-16:** Existing ecological status of the project area shall be conserved and protected. The project proponent should take all possible precautionary measures during mining operation for conservation and protection of endangered fauna.

**Reply to Condition 16:** All efforts are being taken to conserve and protect existing ecological status of the project area. We are taking important measures for conservation of flora and fauna are as follows.

- a) Company have been provided solar LED torch and florescent jacket to Staff of forest department, Ambikapur for patrolling and monitoring the movement of wildlife, encroachment, cutting, poaching, fire etc.
- b) Veterinary camp is being conducted for immunization of cattle with the help of block veterinary staff.
- c) Awareness programme related to wildlife conservation is being conducted.
- d) Eco-development activities like poultry, piggery, bee keeping etc. are being organized.
- e) Controlled blasting is being carried out so as reduce vibration and noise. Such operation is being carried out in day time only and its use is minimized.
- f) Plantation is regular activity.
- g) Fish farming with seeds of 5500 nos. has been done in water recharge pond.

**Condition-17:** 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 vehicles shall be covered with a tarpaulin and shall not be overloaded.

**Reply to Condition 17:** Regular and periodic maintenance of HEMM is being carried out for control of vehicular emission in mines area. The bauxite ore are transported in trucks with tarpaulin cover up to EUP/Railway siding. Vehicle used for transportation are having valid permit. No overloading of ores for transportation is allowed to prevent spillage of material.



**Condition-18:** Occupational health and safety measures for the workers including training on modern eradication, HIV and health effects on exposure to mineral dust etc. shall be carried out. The company shall engage a full-time qualified doctor who is trained in occupational health surveillance and health record of the workers shall be maintained.

**Reply to Condition 18:** Company has provided with personal protective equipment to all workers and training are also being imparted to them for safety & health, sanitation, health awareness camps including HIV are being organized for all workmen. One doctor having MBBS qualification has been appointed for facilitation of OHS. We have undergone through initial & periodical test of all workers employed in the mines by the certified team. The records related to initial and periodical medical examination of all workmen is being maintained.

**Condition-19:** 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.

**Reply to Condition 19:** We accept the condition. A progressive mine closure plan approved by IBM is in place. IBM is competent authority to approve the final mine closure plan. Based on the present resource estimate, and peak rated production capacity, the tentative balance life of mine is around 39 years. However, after completion of further detailed exploration programme and geological investigation, the balance life of mine is subject to change with respect to EC Capacity and cut –off grade of mineral at that particular time. Final Mine closure mine plan along with details of Corpus fund will be submitted within prescribed timelines in accordance with law to competent authority.

# **B.** General Conditions

**Condition-1:** No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment & Forests.

Reply to Condition 1: Noted.

**Condition-2:** No change in the calendar plan including excavation, quantum of mineral bauxite ore shall be made.

**Reply to Condition 2:** Calendar plan (IBM Approved Mining Plan) prepared for the mine is being followed.

**Condition-3:** Conservation measures for protection of flora and fauna in the core and buffer zone shall be drawn up in consultation with the local forest and wildlife department.

**Reply to Condition 3:** The suggestions of local forest department are being implemented for conservation of flora and fauna in and around lease hold area. Important measure being implemented for conservation of flora and fauna are as follows.

#### EC Compliance for Tatijharia Bauxite Mine (Mine Lease Area of 1218.762 Ha), Tehsil - Kusmi, District – Balrampur-Ramanujganj, State – Chhattisgarh

#### M/s. Hindalco Industries Limited Compliance Period: October- 2024 to March-2025

- a) Company have been provided solar LED torch and florescent Jackets to Staff of forest department, Ambikapur for patrolling and monitoring the movement of wildlife ,encroachment, cutting, poaching, fire etc.
- b) Veterinary camp is being conducted for immunization of cattle with the help of block veterinary staff.
- c) Awareness programme related to wildlife conservation is being conducted.
- d) Eco-development activities like poultry, piggery, bee keeping etc. are being organized.
- e)

**Condition-4:** Four ambient air quality-monitoring stations shall be established in the core zone as well as in the buffer zone for RPM, SPM, SO<sub>2</sub>, NOx, monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.

**Reply to Condition 4:** Ambient Air quality monitoring is being carried out as per guideline and is being followed. For this, We have already appointed NABL accredited laboratory M/s. Anacon Laboratories Pvt. Ltd. for conducting regular environmental monitoring. The Summery of Ambient air quality report (from October 2024 to March 2025) is enclosed as *Annexure-F*.

**Condition-5:** Data on ambient air quality (RPM, SPM, SO<sub>2</sub>, and NOx) should be regularly submitted to the Ministry including its Regional office located at Bhopal and the State Pollution Control Board / Central Pollution Control Board once in six months.

**Reply to Condition 5:** Data of ambient air quality (RPM, SPM, SO2, and NOx) are being submitted to CECB and to other regulatory authorities as per guidelines. Data of ambient air quality (RPM, SPM, SO2 and NOx) from October 2024 to March 2025 is enclosed as *Annexure-F*.

**Condition-6:** Fugitive dust emission from all the sources shall be controlled regularly. Water spraying arrangements on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.

**Reply to Condition 6:** Fugitive dust emission from generating sources is being controlled. The dust extractor, wet drilling, regular water spraying with 12 KL portable water tanker in the mine lease hold area is being carried out regularly. Rainwater collected into the mine pit is being utilized for dust suppression purpose. Black top road has been constructed up to pit head to reduce dust problem.



Black top Road towards the mines and Water Sprinkling in the Haul Road

**Condition-7:** Measures shall be taken for control of noise levels below 85dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with ear plugs / muffs.

**Reply to Condition 7:** The noise level in working area is being maintained below the prescribed limit. As protective measures, Workers engaged in operations of HEMM, etc. is being provided with ear plugs / muffs. The proper maintenance of HEMM is being carried out to control noise emission.

**Condition-8:** 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 19<sup>th</sup> May, 1993 and 31<sup>st</sup> December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.

**Reply to Condition 8:** There is no waste water generated from the mining operation. For the waste water generated from workshop, oil and grease separation pits are provided and the treated water is being used for dust suppression in haul road.

**Condition-9:** Personnel working in dusty areas shall wear protective respiratory devices and they shall also be provided with adequate training and information on safety and health aspects.

**Reply to Condition 9:** Company has provided adequate personal protective equipment to all workers and it is also ensured that they use the same. Regular awareness training are also being imparted to them for safety & health in our Group vocational training center– Samri is being continued as per guidelines.

All employees undergo Lung Function Tests during the Medical Examination. Periodical Medical Examination of employees and contractor workers are organized regularly to observe any contractions due to exposure to dust and other occupational hazards.

**Condition-10:** Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.

**Reply to Condition 10:** Periodical and Initial medical examination of all workers are being carried out as per provision of Mines Act.

**Condition-11:** A separate environmental management cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.

**Reply to Condition 11:** Environment cell is already in place at Samri Mines Division headed by Head (Mines) and comprises of suitable qualified persons. Constitution of Environment Management cell is enclosed in *Annexure-G*.

**Condition-12:** The project authorities shall inform to the Regional Office located at Bhopal regarding of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.

**Reply to Condition 12:** The requisite document have been submitted to the regional office of the Ministry, Bhopal before commencement of development & operation in 1999. However, as the current regional office has changed to Raipur region, we are again resubmitting the information to the IRO Raipur vide letter no. HIL/SBM/MoEF&CC/1204/2024, dated 20-03-2024.

**Condition-:13** The funds earmarked for environmental protection measures shall be kept in separate account and should not be diverted for other purpose. Year wise expenditure shall be reported to the Ministry and its Regional Office located at Bhopal.

**Reply to Condition 13:** Adequate fund provision is already earmarked for environmental protection measures and will not be diverted to other purpose. The year wise expenditure is being submitted to concern authorities as per guidelines. The copy of environment expenditure is enclosed as *Annexure-H*.

**Condition-14:** The project authorities shall 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.

**Reply to Condition 14:** The requisite document have been submitted to the regional office of the Ministry, Bhopal before commencement of development & operation in 1999. However, as the current regional office has changed to Raipur region, we are again resubmitting the information to the IRO Raipur vide letter no. HIL/SBM/MoEF&CC/1204/2024, dated 20-03-2024.

**Condition-15:** 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.

Reply to Condition 15: All cooperation is being extended to regulatory authorities.

**Condition-16:** 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.

**Reply to Condition 16:** We have forwarded the copy of clearance letter to Panchayat of Tatijharia on 13-08-2007 in our area. The copy of same has already been submitted to your good office.

**Condition-17:** 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.

**Reply to Condition 17:** The copy has been displayed by CECB in Surguja Collectorate.

**Condition-18:** 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 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 <u>http://envfor.nic</u> and a copy of the same shall be forwarded to the Regional Office of this Ministry located Bhopal.

**Reply to Condition 18:** The information regarding environment clearance has been published in two local newspaper Hari Bhumi & Ambika Vani. The copy of same has been already submitted to your good office. News paper clip is attached in *Annexure-I*.

**Condition-19:** The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection. **Reply to Condition 19:** Noted.

**Condition-20:** Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

Reply to Condition 20: Noted.

**Condition-21:** The above conditions shall 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.

Reply to Condition 21: Noted.

प्रमाक/व प्रा /प्रयम- 12/13/ 2967 प्रति. संचालक, इन्वायरनमेंट क्लीयरें श सेल भारत सरकार, वन एवं पर्यावरण मंत्रालय, पर्यावरण भवन, सी.जी.ओ. काम्प्लेक्स, लोधी रोड़, नई दिल्ली–111003 विषय :- छत्तीसगढ़ के बलरामपुर जिले (तत्कालीन सरगुजा माईन्स, कुदाग बॉक्साईट माईन्स एवं टाटीझरिया बॉ इंन्वायरमेंट क्लीयरें स । संदर्भ:- 1. पर्यावरण व वन मंत्रालय, मारत सरकार का पत्र क्रमां 27 जुलाई 2007.	क), छन्ती रायपुर 71-255222 रायपु रायपु	२१गढ - Fax (1771 र दिनाक ८) र दिनाक सा	
पाल - pecfwightly com प्रमाक/र प्रा /प्रयध- 12/13/ 27/67 प्रति. संचालक. इन्वायरनमेंट क्लीयरेंश सेल भारत सरकार, वन एवं पर्यावरण मंत्रालय. पर्यावरण भवन. सी.जी.ओ. काम्प्लेक्स. लोधी रोड़. नई दिल्ली–111003 विषय :- छत्तीसगढ़ के बलरामपुर जिले (तत्कालीन सरगुजा माईन्स. कुदाग बॉक्साईट माईन्स एवं टाटीझरिया बॉ ईन्वायरमेंट क्लीयरेंस। संदर्भ:- 1. पर्यावरण व वन मंत्रालय, मारत सरकार का पत्र क्रमांक 27 जुलाई 2007.	गः२३५२२२ रायपु जिला) में	र दिनांक ८ ) रिथत सा	and a state of the second second second
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संचालक. इन्वायरनमेंट क्लीयरें श सेल भारत सरकार, वन एवं पर्यावरण मंत्रालय, पर्यावरण भवन, सी.जी.ओ. काम्प्लेक्स, लोधी रोड़. नई दिल्ली–111003 विषय :- छत्तीसगढ के बलरामपुर जिले (तत्कालीन सरगुजा माईन्स. कुदाग बॉक्साईट माईन्स एवं टाटीझरिया बॉ इन्वायरमेंट क्लीयरेंस। संदर्भ:- 1. पर्यावरण व वन मंत्रालय, मारत सरकार का पत्र क्रमांक 27 जुलाई 2007. 2. पर्यावरण व वन मंत्रालय, मारत सरकार का पत्र क्रमांक 27 जुलाई 2007.			- M
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<ol> <li>पर्यावरण व वन मंत्रालय, भारत संरकार का पत्र क्रमांक 27 जुलाई 2007.</li> </ol>	कि J-11015,	/353/2007-	A.II(M) दिनांक
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<ol> <li>पर्यावरेण व वन मंत्रालय, भारत सरकार का पत्र क्रम</li> <li>9 अगस्त 2007.</li> </ol>	14 J-11015	/33//2007-	IA.II(M) 19119
9 31 14(1 2007.			
कृपया आपके उपरोक्त संदर्भित पत्रों का अवलोकन करने क	न कप्ट करें।	जिसके दार	बलरामपर जिले
(पुराने सरगुजा जिले) के सामरी बॉक्साईट खुली खदान (1 LTPA) की क्षमता			*)
खदान (0.4 LTPA) की क्षमता बढ़ाकर (0.6 LTPA) करने तथा टाटीझरिया बॉक			- *3
(4 TPA) करने के परियोजना प्रस्ताव के संबंध में वन्य प्राणी (संरक्षण) अधिनियम			
हेतु "वन्य प्राणी संरक्षण व प्रबंधन योजना" तैयार की जाकर इस कार्यालय			
1. विषयांकित परियोजना हेतु खदान के लीज के अनुबंध वि		27 12 12	
हुये थे। सामरी क्षेत्र में भारत सरकार पर्यावरण व वन मंत्रात			
			Store and and
IA.II/M दिनांक 27 जुलाई, 2007 द्वारा 2146.746 हे. में, कु			100 million (100 million)
ें संत्रलाय आदेश क्रमांक J-11015/354/2007-IA.II/M दिनांव			A2
टाटीझरिया में भारत सरकार पंर्यावरण व वन मंत्रालय के अ	आदेश क्रमांक	5 J-11015/3	37/2007-IA.II/N
दिनांक 9 अगस्त 2007 द्वारा 1218.762 हे. में बॉक्साईट खन	न की स्वीकृ	ते प्राप्त कर	संस्था द्वारा खन
का कार्य किया जा रहा है।			
	¥0		. 21
Vijag/Sterm/Probandh			11.525
53			

वर्तमान प्रस्ताव में उपरीक्त लिक राजना के का तीमकी के लिये 10 मध्य में महाले 50 (PTA 50.000 TPA से बढाकर 4.00.000 HPA 1 ( )। प्रसाधित है। भारत सरकार पर्यावरण व वन मञालय के द्वारा उपरोक्त जाय हुन् प्रथम तरण की स्वीकृति कमण आदेश क्रमाक 1-11015/353/2007-IA.II/M दिनांक 27 जुलाई 2007 / 11015/354/2007-IA.II/M दिनांक 27 जुलाई 2007 एव J-11015/337/2007-IA.II/M ि:-II-0 र अगरत 2007 द्वारा कुछ शर्ती के साथ दी गई है. जिसमें एक महत्वपूण शर्त यह भी उल्लेखित है कि संबंधित क्षेत्र में वन्य प्राणी (संरक्षण) अधिनियम के शेड्यूल 1 के पाये जाने वाले वन्य प्राणियों के संरक्षण हेतु प्रबंध योजना तैयार की जाकर राज्य के मुख्य वन्य जीव अभिरक्षक के अभिमत सहित प्रस्तुत किया जाये। जिसके पालन में संस्था द्वारा एक बेन्य प्राणी संरक्षण योजना तैयार की गयी है।

खनन क्षमता बढ़ाने से संबंधित प्रस्तावित तीनों ही परियोजनाओं के एक दूसरे से 4 कि.मी. की परिधि में रिथत होने एवं सभी के बफर क्षेत्र ओवरलैपिंग होने के कारण सभी के लिये संयुक्त रुप से वन्य प्राणी संरक्षण व प्रबंधन योजना तैयार की जाकर महाप्रबंधक, (खादान), हिन्डालको इन्डरिट्रीज के पत्र क्रमांक HIL/SAM/300/2013 दिनाक 2.03.2013 द्वारा प्रस्तुत किया गया है जिसका समग्र रुप से परीक्षण किया गया। प्रस्तावित परियोजनाओं के कोर क्षेत्र से 10 कि.मी. की परिधि में आने वाले ओवरलैपिंग बफर क्षेत्र में वन्य प्राणियों एवं उपलब्ध वनस्पतियों का सर्वे किया जाकर पाये गये स्पेसिज को परियोजना प्रस्ताव में अनेक्सूर-4 के में उल्लेखित किया गया है।

3.

उल्लेखित सूचि में वन्य प्राणी (संरक्षण) अधिनियम के शेड्यूल 1 के वन्य प्राणी नहीं पाये गये हैं। परंतु इस कार्यालय द्वारा वन संरक्षक (वन्य प्राणी), सरगुजा से विगत दस वर्षों में वन्य प्राणियों द्वारा की गई क्षति की जानकारी चाही गयी। वन संरक्षक ने अपने पत्र क्रमांक 749 दिनांक 24.05.2012 से यह जानकारी उपलब्ध कराया है कि उक्त क्षेत्र में हाथियों का वर्ष 2005 में दो बार, वर्ष 2006 में आठ बार, 2007 में एक बार, 2008 में दो बार, 2009 में सात बार आना जाना हुआ है। इसी प्रकार भालुओं के द्वारा वर्ष 2007–08 में आठ, वर्ष 2008–09 में पाँच, वर्ष 2009–10 में छैं: एवं 2010–11 में 4 जनहानि व जनघायल के प्रकरण तथा वर्ष 2007–08 तथा 2008–09 में तेंदु<u>आ द्वा</u>रा पशु हानि के दो प्रकरण तथा लकड्बर्ग्धे के कारण एक प्रकरण दर्ज किये गये हैं। इस प्रकार वन्य प्राणी (संरक्षण) अधिनियम के शेड्यूल 1 के उपरोक्त उल्लेखित वन्य प्राणियों के परियोजना क्षेत्र में आने जाने के प्रमाण पाये गये है। प्रस्तावित क्षेत्र से 6 से 7 कि.मी.की दूरी पर झारखंड राज्य में भेड़िया अभ्यारण्य भी स्थापित है। अतः संस्था द्वारा दस वर्षों के लिये वन्य प्राणी संरक्षण व प्रबंध योजना श्री पी. के. सेन पूर्व वन्य प्राणी अभिरक्षक, झारखंड से तैयार कराया जाकर प्रस्तुत किया गया है। जिसका समग्र व विस्तृत अध्ययन किया गया। प्रबंधन योजना में प्रस्तावित प्रबंधन संबधित मुख्य गतिविधियों का विवरण निम्नामुसार है। योजना में वन्य प्राणियों के लिये जलग्रहण क्षेत्र विकास, रहवास–विकास, पेयजल व्यवस्था, विभाग के क्षेत्रीय अमले के सहयोग से क्षेत्र में पेट्रोलिंग व मॉनिटरिंग, अग्नि सुरक्षा, ईको विकास की गतिविधियॉ,

रथानीय ग्रामीणों के लिये आजीविका, सृजन, टीकाकरण, जनजागृति कार्यकम जैसी गतिविधियां का

समावेश करते हुये 04 वर्षों के लिए संहेंग संहार कर नाफ अवधानित की गयी है। जिसका क्रियान्ययन वन विभाग के द्वारा किया जायेगा। प्रश्तान में प्रात्मी कि तजर का विवरण निम्नानुराह हे –

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Sr.	Works to be done	and the second se	st he Lot	in prosts (	Rs. In lak	ha]	Remarks
10-		1" Year	year .	Year	4° Year	Total	142
1	Plantation including soil and moisture Conservation works as per norms of forest department surrounding the lease hold	5.00	5.00	4.00	5.00	20.00	
2	Silvicultural Operation on degraded forest Land and cut back in rooted waste	2.00	2.00	2.00	2.00	8.00	
3	Habitat Management Eradication of unwanted species in buffer Zone area, Fire Protection work including wages for fire watchman, Creation of Fire line etc. surrounding lease hold and in buffer area.	2.50	2.50	2.50	2.50	10.00	9 15 8
4	Monitoring - One Staff of forest department to monitor movement of wild life, encroachment, illicit cutting,poaching, fire etc. including Salary of 1 staff	3.00	3.00	3.00	3.00	12.00	
5	Construction of water holes, their maintenance and patrolling (One per Annum)	10.00	10.00	10.00	10.00	40.00	
6	Eco-development activities like poultry, piggery, bee keeping etc.	_ 5.00	5.00	5.00	5.00	20.00	
7	Vocational Training to weaker section, females, old persons and minors of the surrounding villages- in three centre in <u>the buffer Zone</u> of the mining lease @ 50000/- per centre.	3.00	3.00	3.00	3.00	12.00	
3	Veterinary camp for immunization of Cattle with the help of block veterinary sataff.	-2.00	2.00	2.00	2.00	8.00	
9	Awareness Programme including Signages, distribution of Pamphlets- related to wild life conservation etc.	2.50	_ 2.50	2.50	2.50	10.00	
10	Provision for conservation of Biodiversity among flora and fauna of the area & Preparation of Biodiversity register	20.00	0.00	0.00	0.00	20.00	The amount is to be deposited in the account of Biodiversity Board as this work is to be done by Bio- diversity management committees
			35.00				(BMC's)

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Vijay/Stena/Pn

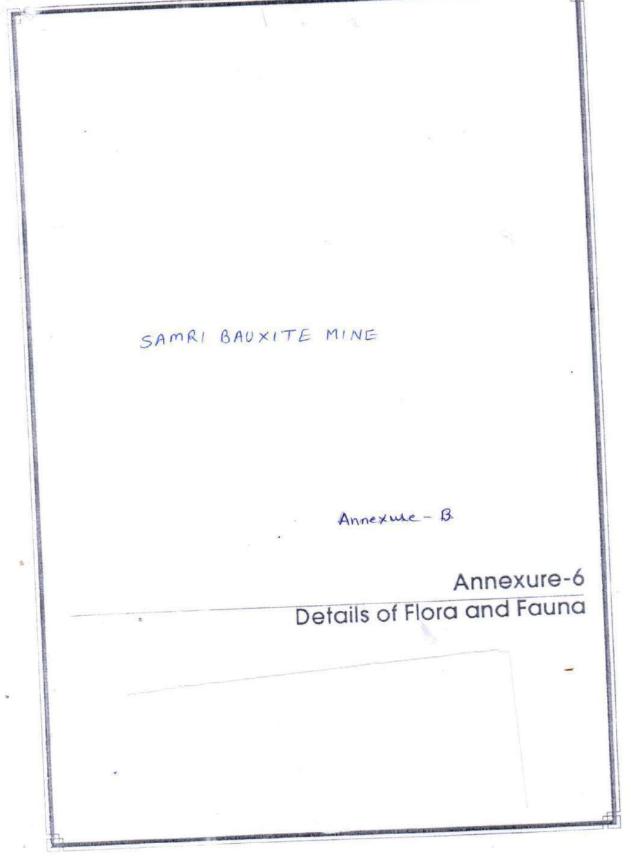
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448).

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11/-3	🖌	लागत रू 160.00 जास	dibit-contrast of	$= -\alpha_{\rm eq} + -\alpha_{\rm e} \lesssim M_{\rm e} + 1$	। स यह लागत	
	a Gran ala asan	2.5 g/s (91)	12	र्मन क संसंध आंची	िलागत आयर्ग	
1	यह परिश्वालना प्रणालको <mark>को</mark>	वन विभाग में एकमुश्त ज	मां करानी होगी। जि	समें मन्ध दहि कं व	ਮਾਰ को जम्मान	
2	कित्या जा राजन जनसंस्थान ए					
Э .	<ol> <li>अनुमोदित चन्यपाणे। राखण</li> </ol>					
J	प्रावधानित सांश 💀 १७०.०० व					
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संसर्वेश करते हुये 04 वर्षी के लिए गरेण हरता के अवधानित की गयी है। जिसका क्रियान्ययन वन विभाग के द्वारा किया जायेगा। प्रश्तान में प्रात्मी कि न के का विवरण निम्नानुराह हे –

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Sr.	Works to be done	and the second s	st for Lot		Rs. In lak	[a a]	Remarks
t‡ù-		1" Xear	year -	No.	4° Year	Total	And an and a second sec
1	Plantation including soil and moisture Conservation works as per norms of forest department surrounding the lease hold	5.00	5:00	-7:00	5.00	20.00	
2	Silvicultural Operation on degraded forest Land and cut back in rooted waste	2.00	2.00	2.00	2.00	8.00	
3	Habitat Management Eradication of unwanted species in buffer Zone area, Fire Protection work including wages for fire watchman, Creation of Fire line etc. surrounding lease hold and in buffer area.	2.50	2.50	2.50	2.50	10.00	9 13 8
4	Monitoring - One Staff of forest department to monitor movement of wild life, encroachment, illicit cutting,poaching, fire etc. including Salary of 1 staff	3.00	3.00	3.00	3.00	12.00	
5	Construction of water holes, their maintenance and patrolling (One per Annum)	10.00	10.00	10.00	10.00	40.00	
6	Eco-development activities like poultry, piggery, bee keeping etc.	_ 5.00	5.00	5.00	5.00	20.00	
7	Vocational Training to weaker section, females, old persons and minors of the surrounding villages- in three centre in <u>the buffer Zone</u> of the mining lease @ 50000/- per centre.	3.00	3.00	3.00	3.00	12.00	
3	Veterinary camp for immunization- of Cattle with the help of block veterinary sataff.	-2.00	2.00	2.00	2.00	8.00	
9	Awareness Programme including Signages, distribution of Pamphlets- related to wild life conservation etc.	2.50	_ 2.50	2.50	2.50	10.00	
10	Provision for conservation of Biodiversity among flora and fauna of the area & Preparation of Biodiversity register	20.00	0.00	0.00	0.00	20.00	The amount is to be deposited in the account of Biodiversity Board as this work is to be done by Bio- diversity management committees
			4			-	(BMC's)

### ANNEXURE-6 DETAILS OF FLORA & FAUNA

5 1 1

# TABLE-1 DETAILS OF DOMINANT PLANT SPECIES IN MINE LEASE AREA (CORE ZONE)

Name of the plant Species	Local Name	Family
Butea monosperma	Palas	Fabaceae
Acacia Arabica	Babul	Mimosaceae
Leucena leucophloe	Sabubal	Mimosacaae
Mangifera indica	Aam	Anacardiaceae
Citrus lemon	Nimbu	Rutaceae
Emblica officinalis	Amla	Euphorbiaceae
Ficus hispida	Jungli anjir	Moraceae
Spondias cythera	Kathjamun	Myrtaceae
Terminalia catapa	Badam	Combretaceae
Apluda mutica	Grass	Poaceae
Chloris dolichosta	Grass	Poaceae
Dichanthium annulatum	Grass	Poaceae
Inpurta cylendrica	Grass	• Poaceae
Themeda-quadrivalvis	Grass	Poaceae
Arlstlda adscensionsis	Grass	Poaceae
tragrostis bileria	Grass	Poaceae
Fragrostis tenella	Grass	Poaceae
Setarla glauca	Grass	Cyperaceae
Thysanolaena maxima	Grass	Graminae
Parthenium hysterophorus	Congress grass	Compositae
Cassia (ota		Caesalpinaceae
Delonix regia	Kachnar	Caesalpinaceae
Dalbergia Sissoo	Sisoo	Caesalpinaceae,

# TABLE-2 FLORA/VEGETATION IN STUDY AREA (BUFFER ZONE)

Sr. No.	Technical Name	Family	Life Form
I. Agricu	Itural Crops		
1	Hordium vulgare	Poaceae	Hemicryptophyte
2	Sorghum vulgare	Poaceae	Hemicryptophyte
• 3	Triticum vulgare	' Poaceae	Hemicryptophyte
4	Zea mays	Poaceae	Hemicryptophyte
5	Oryza sativa	Poaceae	Hemicryptophyte
6	Pennisetum typhoideum	Poaceae	Hemicryptophyte
II. Comm	nerclal Crops (including Veget	ables)	
1	Abelomoschus indicus	Malvaceae	Therophyte
8	Alllum cepa	Liliaceae	Geophyte
9	Allium sativum	Liliaceae	Geophyte
10	Annona squamosa	Annonaceae	Phanerophyte
11	Arachis hypogia	Fabaceae	Geophyte
12	Catharanthes pusillus	Compositae	Therophyte
13	Cleer arietinum	Fabaceae	Hemicryptophyte
1.4	Citrus lemon	Ruataceae	Therophyte
15	Colacasia esculenta	Areaceae	Geophyte
16	Coreandrum sativum	Umbelliferae	Hemicryptophyte
17	Daucus carota	Umbelliferae	Geophyte
1.8	Lycopersicum esculentus	Solanaceae	Therophyte
19	Mangifera indica	Anacardiaceae	Phanerophyte
20	Memordia charantia	Cucurbitaceae	Therophyte
21	Pisum sativum	Fabaceae	Therophyte
22	Psidium guava	Myrtaceae	Phanerophyte
23	Solanum tuberosum	Solanaceae	Geophyte
24	Litchi chinensis	Sapindaceae	Phanerophyte
III. Plant	ations		
- 25	Bauhinia cormbosa	Caesalpinaceae	Phanerophyte
26	Acacia nilotica	Mimosaceae	Phanerophyte
27	Albizia lebbeck	Mimosaceae	Phanerophyte
28	Albizia odorattissima	Mimosaceae	Phanerophyte
29	Albizia procera	Mimosaceae	Phanerophyte

1	Sr. 1 30	Azadirachta indica	Name	Enerth	
	31	Bauhinia variegate		Meliaceae	Life Form
	32	Bauhinia pusa		Caesalpinaceae	Phanerophyte
	33	Bauhinia purpuria Bambusa arundanaci		Caesalpinaceae	Phanerophyte
	34	Butea monosperma	e3e	Poaceae	Phanerophyte
	35	Butea frondosa		Caesalpinaceae	Phanerophyte
-	36	Eucalyptus sp		Caesalpinaceae	Phanerophyte
	37	Delonix regia		Myrtaceae	Phanerophyte
	38	Ducase Is	-	Caesalpinaceae	Phanerophyte
I	V. Na	ural Vegetation /Forest	Turn	Caesalpinaceae	Phanerophyte
-		La Diela Diela Officia	туре		Phanerophyte
1-	40	Abutilon indicum		Fabaceae	
-	41	Acacia Arabica		Malvaceae	Therophyte
1-	42	Acacia auriculiformie		Mimosaceae	Phanerophyte
-	43	Acacia catechu		Mimosaceae	Phanerophyte
1-	44	Acacia intinsia		Mimosaceae	Phanerophyte
1	46	Acacia fernacea		Mimosaceae	Phanerophyte Phaneophyte
	47	Acacia leucophioe		Mimosaceae	Phanerophyte
-	48	Acalypha lanceolata		Mimosaceae	Phanerophyte
	49	Acanthospermum hispic	dum	Euphorbiaceae	Therophyte
	50	I ANIVIANINES aspera		Compositae	Therophyte
	51	Adathoda vasica		Amaranthaceae Acanthaceae	Therophyte
	52	Adina cordifolia		Rubiaceae	Therophyte
	3	Aegle marmelos Aerva lanata		Rutaceae	Phanerophyte
	4	Aderatum com		Compositae	Phanerophyte
5		Ageratum conyzoides Ailanthes excela		Compositae	Phanerophyte
5	6	Alangium salivus		Simaroubaceae	Therophyte
57	7	Albizia odoratissima		Alangiceae	Phanerophyte
58		Albizia procera		Caesalpinaceae	Phanerophyte
55		Alstonia scholaris		Caesalpinaceae	Phanerophyte
60		Alternanthera sessilis		Apocyanaceae	Phanerophyte
61		Alysicarbus hamoeur		Amaranthaceae	Phanerophyte
62		Anogeissus latifolia		Fabaceae	Therephyte
63		Anogeissus serica		Combretaceae	Therophyte
64		Argemone mexicana		Combretaceae	Phanerophyte
65		Azadirachta indica		Papevaraceae	Phanerophyte
66 67		Barleria prionoites		Meliaceae	Phanerophyte
68		Bidens biternata		Acanthaceae	Phanerophyte
69	1	Blepharis asperima		Compositae	Therophyte Therophyte
70		Blepharis madaraspatens		canthaceae	Phanerophyte
71	1	numed lacera		canthaceae	Therophyte
72		loerheavia chinensis	N	ompositae	Therophyte
73	B	oerheavia diffusa	N	ycataginaceae yctaginaceae	Therophyte
74	R	ombax ceiba	Bo	ombacaceae	Therophyte
75	R	orreria hispida	RI	Ibiaceae	Phanerophyte
76	B	orreria stricta oswellia serrata	R	ibiaceae	Inerophyte
77	Br	assica com	Bu	rseraceae	Therophyte
8	Br	assica camprestris Idelia retusa	Cri	uciferae	Phanerophyte
9	Br	idelia superba	Eu	phorbiaceae	Therophyte
0	Ca	esalpina pulcherima	Eur	phorbiaceae	Phanerophyte
1	Ca	lotropis procera	Cae	esalpinaceae	Phanerophyte
2	Car	nthium diddynum	Asc	lipiadaceae	Phanerophyte
3	Car	oparis aphylla	Rut	laceae	Phanerophyte
1	Car	paris deciduas	Cap	paridaceae	Phanerophyte
5	Car	issa carandus	Cap	paridaceae	Therophyte
	Can	ssa spinarium	Apo	Cyanaceae	Phanerophyte
	Case	Carla oravenlenc	Apor	cyanaceae	Phanerophyte
	C355	absus	Sam	ydiaceae	Phanerophyte
	Cass	sia absus	Caes	alpinaceae	Phanerophyte
	Cass	ia auriculata	Caes	alpinaceae	Phanerophyte
	Cass	la occidentalie	Caes	alpinaceae	Therophyte
	Cass	a tora	Caesa	alpinaceae	Therophyte
	Cestr	um diurnum	Caesa	alpinaceae	Therophyte
	Cestr	um noctrunum	Rubia Rubia	Ceae	Phanerophyte Theophyte

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A6-2

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Sr. No.	Technical Name	Family	Life Form
95	Chloris varigata	Poaceae	Therophyte
96	Cissus quadrangularis	Vitaceae	Therophyte
97	Citrus limon	Rutaceae	Phanerophyte
98	Cleome gynandra	Capparidaceae	Therophyte
99	Combretum ovalifolium	Rubiaceae	Phanerophyte
100	Cordia myxa	Rubiaceae	Phanerophyte
101	Crotalaria medicagenia	Fabaceae	Therophyte
and the second division of the second divisio	Croton bonplandinum	Amaryllidaceae	Therophyte
102		Cuscutaceae	Epiphyte
103	Cuscuta reflexa	Solanaceae	Therophyte
104	Datura fastulosa		Therophyte
105	Datura metal	Solanaceae	Therophyte
106	Desmodium triflorum	Asclepiadaceae	Phanerophyte
107	Diospyros melanoxylon	Lythraceae	
108	Diospyros Montana	Lythraceae	Phanerophyte
109	Echinops echinatus	Compositae	Therophyte
110	Eclipta prostrate	Compositae	Hemicryptophyte
111	Emblica officinale	Euphorbiaceae	Phanerophyte
112	Emilia lajerium	Compositae	Hemicryptophyte
113	Erythrina indica	Papillionaceae	Phanerophyte
114	Euphorbia geniculata	Euphorbiaceae	Therophyte
115	Euphorbia hirta	Euphorbiaceae *	Therophyte
-116	Euphorbia hyperocifolia	Euphorbiaceae	Therophyte
117	Euphorbia neruti	Euphorbiaceae	Therophyte
117	Euphorbia nivula	Euphorbiaceae	Therophyte
118	Euphorbia nivula Euphorbia piluliflora	Euphorbiaceae	Hemicryptophyte
	Euphorbia tricauli	Euphorbiaceae	Hemicryptophyte
120	Euphorbia tricauli Evolvulus alsinoides	Convolvulaceae	Therophyte
121		Convolvulaceae	Therophyte
122	Evolvulus numalaris	Rutaceae	Phanerophyte
123	Feronia elephantum		Phanerophyte
124	Ficus benghalensis	Moraceae	
125	Ficus carica	Moraceae	Phanerophyte
126	Ficus glomerata	Moraceae	Phanerophyte:
127	Ficus hispida	Moraceae	Phanerophyte
128	Ficus racemosus	Moraceae	Phanerophyte
129	Ficus relisiosa	Moraceae	Phanerophyte
130	Ficvus gibbosa	Moraceae	Phanerophyte
131	Gardenia latifolia	Rubiaceae	Phanerophyte
1.32	Gardenia lucida	Rubiaceae	Phanerophyte
133	Garuga pinnata	Burseraceae	Phanerophyte
134	Glossocardia bosvellia	Compositae	Hemicryptophyte
135	Gmelina arborea	Rubiaceae	Phanerophyte
136	Gomphrena globosa	Amaranthaceae	Therophyte
136	Gossypium herbaceum	Malvaceae	Therophyte
	Gossyphin herbaceon Grewia abutifolia	Tiliaceae	Phanerophyte
138	Grewia abutiona Grewia-salivifolia	Tiliaceae	Phanerophyte
139			Phanerophyte
140	Grewia subinaqualis	Tiliaceae	Hemicryptophyte
141	Gynandropis gynandra	Capparidaceae	Phanerophyte
142	Helictris isora	Rubiaceae	
143	Heliotropium indicum	Rubiaceae	Hemicryptophyte
144	Helitropium ovalifolium	Rubiaceae	Hemicryptophyte
145	Hemidesmus indicus	Asclepiadaceae	Phanerophyte
146	Hibsicus caesus	Malvaceae	Hemicryptophyte
147	Holarrhena antidycenterica	Asclepiadaceae	Phanerophyte
148	Holostemma annularia	Aslepiadaceae	Phanerophyte
149	Hygrophylla auriculata	Acanthaceae	Hemicryptophyte
150	Hyptis suavalens	Labiatae	Therophyte
150	Ichnocarpus frutens	Poaceae	Hemicryptophyte
	Impatiens balasamania	Balsaminaceae	Therophyte
152 153		Caesalpinaceae	Therophyte
	Indigofera hirsute	Caesalpinaceae	Therophyte
154	Indigofera limnacea		Therophyte
155	Indigofera tinctoria	Caesalpinaceae	
156	Ipomea aquatica	Convolvulaceae	Hydrophyte
157	Ipomea coccinea	Convolvulaceae	Therophyte
158	Ipomea tuba	Convolvulaceae	Hemicryptophyte
159	İxora arborea	Rubiaceae	Phanerophyte
160	Ixora parviflora	Rubiaceae	Phanerophyte

A6-3

No.	Technical Name	Family	Life Form
51	Ixora singapuriens	Rubiaceae	Phanerophyte
52	Jasmimum arborens	Oleaceae	Phanerophyte
53	Jatropha gossypifolia	Euphorbiaceae	Therophyte
54	Jussiaea suffraticosa	Onagraceae	Hydrophyte
55	Justia diffusa	Acanthaceae	Therophyte
66	Justicia diffusa	Acanthaceae	Therophyte
57	Lactuca punctata	Compositae	Therophyte
58	Lannea coramandalica -	Anacardiaceae	Phanerophyte
59 .	Lannea grandis	Anacardiaceae	Phanerophyte
70	Lannea procumbens	Anacardiaceae	Therophyte
71	Lantana camara	Verbinacaee	Phanerophyte
72	Lawsonia inermis	Lythraceae	Phanerophyte
73	Lepidogathis cristata	Acanthaceae	Therophyte
4	Leptodenia_reticulate	Asclepiadaceae	Phanerophyte
75	Leucas aspera	Labiatae	Therophyte
76	Leucas longifolia	Labiatae	Therophyte
7	Leucas longifolia	Labiatae	Therophyte
78	Leucena leucophloe	Caesalpinaceae	Phanerophyte
79	Linderbergia indica	Scrophulariaceae	Therophyte
30	Lindernbergia maica	Scrophulariaceae	Therophyte
31	Lophophora tridinatus	Scrophulariaceae	Geophyte
31	Luffa acutarigularia	Cucurbitaceae	, Therophyte
		Solanaceae	Therophyte
33	Lycopersicum esculentus Madhuca latifelia	Sapotaceae	Phanerophyte
34		Euphorbiaceae	
35	Mallotus philippinus	Malvaceae	Phanerophyte
36	Malvastrum coramandalicum		Therophyte
37	Mangifera indica	Anacardiaceae	Phanerophyte
38	Marselia quadrifolia	Marseliaceae	Phanerophyte
9	Melia azadirachta	Meliaceae	Phanerophyte
90	Memordica diocea	Cucurbitaceae	Therophyte
91	Merremia emerginata	Convolvulaceae	Therophyte
2	Michaelia champaca	Annonaceae	Phanerophyte
EE	Millingtonia hartensis	Bignoniaceae	Phanerophyte
)4	Mimosa hamata	Mimosaceae	Therophyte
5	Mitragyna parviflora	Rubiaceae	Phanerophyte
6	Mollugo cerviana	Aizoaceae	Therophyte
7	Mollugo hirta	Aizoaceae	Therophyte
3	Moringa oleifera	Moringaceae	Phanerophyte
9	Morus alba	Moraceae	Phanerophyte
)	Mucuna prurita	Papillionaceae	Hemicryptophyte
1	Murraya exotica	Rutaceae	Phanerophyte
)2	Murraya koenigii	Rutaceae	Phanerophyte
3	Musa paradisica	Musaceae	Therophyte
	Nymphia sp	Magnoliaceae	Hydrophyte
-	Ocimum americanum	Labiatae	Therophyte
-	Ocimum basillum	Labiatae	Therophyte
	Ocimum basman	Labiatae	Therophyte
3	Ocimum sanctum	Labiatae	Therophyte
_	Oldenlandia umbellate	Convolvulaceae	Therophyte
9			Therophyte
0	Oldenlandiua corymbosa	Rubiaceae	
	Oogeinia oojensis	Papillionaceae	Phanerophyte
2 3	Opuntia dillinii	Opuntiaceae	Therophyte
	Opuntia elator	Cacataceae	Therophyteq
4 5	Oxalis corniculata	Oxalidaceae	Therophyte
	Panicum milliria	Poaceae	Hemicryptophyte
	Panicum notatum	Poaceae	Hemicryptophyte
7	Papaver somniferum	Papaveraceae	Hemicryptophyte
	Parkinsonia aculata	Mimosaceae	Phanerophyte
9	Parthenium hysterophorus	Compositae	Therophyte
0	Paspalum strobilanthus	Passifloraceae	Hemicryptophyte
1	Passiflora foetida	Passifloraceae	Phanerophyte
	Pavonia zeylanica	Malvaceae	Phanerophyte
	Peltophorum ferrusinum	Caesalpinaceae	Phanerophyte
3	Phoenix aculis	Palmae	Phanerophyte
4 5	Phyllanthes asperulatus	Euphorbiaceae	Phanerophyte
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A6-4

Sr. No.	Technical Name	Family	Life Form
227	Phyllanthes niruril	Euphorbiaceae	Therophyte
228	Phyllanthes reticulates	Euphorbiaceae	Therophyte
229	Physalis minima	Solanaceae	Therophyte
230	Pithocolobium dulce	Mimosaceae	Phanerophyte
231	Polyalthia longifolia	Annonaceae	Phanerophyte
232	Polygala ererptera	Polygalaceae	Therophyte
233	Pongamia pinnata	Fabaceae	Phanerophyte
234	Portulaca oleracea	Portulaccaceae	Therophyte
235	Psidium guava	Myrtaceae	Phanerophyte
236	Punica granulatum	Puniaceae	Therophyte
237	Randia dumatorum	Rubiaceae	Phanerophyte
238	Rosa indica	Rosaceae	Therophyte
239	Rosa machata	Rosaceae	Therophyte
240	Saccharum-munja	Poaceae	Hemicryptophyte
240	Saccharum officinarum	Poaceae	Therophyte
242	Salmalia malabarica	Salmaliaceae	
242			Phanerophyte
	Sapindus emerginatus	Sapindaceae	Phanerophyte
244	Schleichera trijuga	Combretaceae	Phanerophyte
245	Scherebera sweitenoides	Sapindaceae	Phanerophyte
246	Schleichera oleosa	Sapindaceae	Phanerophyte
247	Sesamum indicum	Pedaliaceae	Hemicryptophyte
248	Shorea robusta	Dipterocarpaceae	Phanerophyte
249	Sida orientalis	Malvaceae	Phanerophyte
250	Sida vernanifolia	Malvaceae *	Hemicryptophyte
251	Selanum nigrum	Solanaceae	Therophyte
252	Solanum xanthocarpum	Solanaceae	Therophyte
253	Sterculia villosa	Tiliaceae	Therophyte
254	Stereospermum chelinoides	Bignoniaceae	Phanerophyte
255	Sygyglum cumini	Myrtaceae	Phanerophyte
256	Tamarindus indica	Caesalpinaceae	Phanerophyte
257	Tecomella undulate	Bignoniaceae	Therophyte
258	Tectona grandis	Verbinaceae	Phanreophyte
259	Tephrosia purpuria	Fabaceae	Therophyte
260	Terminalia bellarica	Combretaceae	Phanerophyte
261	Terminalia chebula	Combretaceae	Phanerophyte
262	Terminalia tomentosa	Combretaceae	Phanerophyte
263	Thospora cordifolia	Rhamnaceae	Therophyte
264	Tragus biflorus	Poaceae	Hemicryptophyte
265	Tribulus terrestris	Zygophyllaceae	Therophyte
266	Tridax procumbens	Compositae	Therophyte
267	Triumferta pilosa	Tiliaceae	merophyte
the state of the second s			The second second
268	Vernonia cinera	Compositae	Therophyte
269	Vicoa indica	Compositae	Phanerophyte
270	Vitex Negundo	Verbinaceae	Phanerophyte
271	Vitex negungo	Verbinaceae	Therophyte
272	Vitis vermifera	Vitaceae	Therophyte
273	Vivevera zizanoides	Poaceae	Therophyte
274	Wrightia tomentosa	Apocyanaceae	Phanerophyte
275	Xanthium strumariumk	Compositae	Therophyte
276	Yucca gloriosa	Agavaceae	Therophyte -
277	Zizyphus jujube	Rhamnaceae	Phanerophyte
278	Zizyphus mauritiana	Rhamanaceae	Phanrophyte
Grassla			
279	Apluda mutica	Poaceae	Hemicryptophyte
280	Chloris dolichosta	Poaceae	Hemicryptophyte
281	Cyanodactylon sp	Poaceae	Geophyte
282	Dichanthium annulatum	Poaceae	Hemicryptophyte
283	Inpurta cylendrica	Poaceae	
284	Sachharum spontanseum		Hemicryptophyte
		Poaceae	Hemicryptophyte
285	Themeda quadrivalvis	Poaceae	Hemicryprophyte
286	Aristida adscensionsis	Poaceae	Hemicryptophyte
287	Cenchrus ciliaris	Poaceae	Therophyte
288	Cenchrus setifgera	Poaceae	Therophyte
289	Cymbopogon jwarancusa	Cyperaceae	Hemicrptophyte
290	Cyperus aristatus	Cyperaceae	Therophyte
291	Cyperus triceps	Cyperaceae	Therophyte

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Sr. No.	Technical Name				
292	Dactylectinium annualatum	Family	Life Form		
293	Digetaria bicornis	Poaceae	Therophyte		
294	Digetaria Segetaria	Poaceae	Hemicouste		
295	Eragrostis biferia	Poaceae	Hemicryptophyte		
296	Eragrostis tenella	Poaceae	Hemicryptophyte		
297	Ischaomum	Poaceae	Therophyte		
298	Ischaemum rugosum	Poaceae	Therophyte		
299	Setaria glauca	Cyperaceae	Hemicryptophyte		
300	Eulaliopsis binata	Graminae	Hemicryptophyte		
500	Thysanolaena maxima	Graminae	Hemicryptophyte		
	Endangered plants	No endangered plant species observed during study period and also from records of Botanicat Survey of India (Red data of Books of Indian Plants)			

# TABLE-3 FAUNA AND THEIR CONSERVATION STATUS FROM MINE LEASE AREA (CORE ZONE) Technical

Technical Name	English Name/ Local Name	Wild Life Protection Act	7
		(1972) Status	
Phlacrocorax niger	Little cormorant		
Nycticorax nycticorax	Night heron	Sch-IV	
Ardeola grayii grayii	Haddy bird	Sch-I∀	
Bubulcus ibis coromandus	i Cattle egret	Sch-IV	
Eudynamys scolopacea	Indian koel	Sch-IV	
Meops philippinus philippinus		Sch-IV	
Dinopium benghalense tehminae	Bluetailed bee-eater	Sch-IV ·	1
	Malabar golden backed	Sch-IV	
Acridotheres tristis tristis	Woodpecker		
Nectarinia minima	Common myna	Sch-IV	in the second second
Passer domesticus indicus	Small sunbird	Sch-IV	
Butterflies	Indian house sparrow	Sch-IV	
Hypolimnas bolina Lin.	and take 12	COULTV	
Euploea core Cramer	Great rogfly		
Veptis hylas Moore			
Eurema hecabe Lin.	Common sailor		
Parantica aglea Stoll.	Common grass yellow	-	
fammals	Glassy tiger	-	
		-	
unambulus palmarum	Squirrel		
us sucrofa	Wild pig	Sch-IV	
erpestes edwardii	Common mongoose	Sch-III	2
ulpus benghalensis	Wild fox	Sch-IV	
ystrix indica	Porcupine	Sch-II	
	1 · secupine	Sch-IV	

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# FAUNA AND THEIR CONSERVATION STATUS IN STUDY AREA (BUFFER ZONE)

Technical Name	English Name/Local Name	Wild Life Protection Act
Aves		(1972)
Phlacrocorax niger	Little cormorant	
Ardea purpurea manilensis	Eastern purple heron	Sch-IV
Nycticorax nycticorax	Night heron	Sch-IV
Ardeola grayii grayii	Paddy bird	Sch-IV
Dupetor flavicollis	Black bittern	Sch-IV
Ardea alba modesta	Large egret	Sch-IV
Bubulcus ibis coromandus	Cattle egret	Sch-IV
filvus migrans govinda	Common pariah kite	Sch-IV
laliastur indus indus	Brahminy kite	Sch-IV
anellus indicus indicus	Redwattled lapwing	Sch-IV
ringa hypoleucos	Common sandpiper	Sch-IV
elochelidon nilotica nilotica	Gullbilled tern	Sch-IV
udynamys scolopacea	Indian koel	Sch-IV
alcyon smyrnensis fusca	Indian white breasted Kingfischer	Sch-IV
eops philippinus philippinus	Bluetailed bee-eater	Sch-IV
	r energies	Sch-IV

Technical Name	English Name/Local Name	Wild Life Protection Act (1972)	
Coracias benghalensis indica	Southern Indian Roller	Sch-IV	1
Dinopium benghalense tehminae	Malabar golden backed Woodpecker	Sch-IV	1
Acridotheres tristis tristis	Common myna	Sch-IV	
Corvus splendens protegatus	Ceylon house crow	Sch-IV	
Nectarinia minima	Small sunbird	Sch-IV	1
Nectarenia, zeylonica sola	Indian purple rumped sunbird	Sch-IV	1
Arachnothera longirostris longirostris	Little spinder hunter	Sch-IV	
Passer domesticus indicus	Indian house sparrow	Sch-IV	
Copsychus saularis ceyonensis	Southern magpie-robin	Sch-IV	12:00.0
Orthotomus sutorius	Tailor bird guzurata	Sch-IV	
Pavocristatus	Peacock	Part-III of Sch-I	1
Amphibians			1
Rana tigriana	Common frog	Sch-IV	1
Buto metanosticus	Toad	Sch-IV	1
Reptiles			1
Calotes versicolor	Lizard	Sch-IV	1
Calates versicolor	Common garden lizard	Sch-IV	1
Chamaleon zeylanicus	Indian chamaeleon	Sch-II	
Lycodon spp.	Wolf snake	Sch-III	
Boiga spp.	Catisnake	Sch-III	
Bangarus spp.	Krajt	Sch-II	
Naja naja	Indian cobra	Sch-III	
Vipera spp.	Russels viper	Sch-III .	1
Phyton sp	Python sp	Sch-I	1
Butterfiles			
Pachliopta hector Lin.	Crimson rose	-	
Papilio demoleus Lin.	Lime butterfly	-	1
Graphium agamemnon Lin.	Tailed jay	-	
Junoria almana Lin.	Peacock pansy		
Hypolimnas bolina Lin.	Great eoofly	-	1.4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1
Euploea core Cramer	Common crow		
Neptis hylas Moore	Common sailor	-	
Eurema hecabe Lin.	Common grass yellow	-	1000
Catopsilia sp.	Emigrant	-	
Mammals			1
Rattus sp.	Rat	Sch-IV	
Lepus nigricollis	Hare	Sch-IV	
Canis auries	Jackal	Sch-III	
Presbytis entellus	Langur	Sch-II	
Presbytis phayrei	Monkey	Sch-I	
Funambulus spp.	Squirrel	Sch-IV	
Funambulus palmarum	Squirrel	Sch-IV Sch-IV	
Sus sucrofa	Wild pig	Sch-III	
Rattus norvegicus	Field mouse	Sch-V	
Rattus rattus	House rat	Sch-V	
Rhinolopus spp.	Bat	Sch-V -	
Hipposiderus spp.	Bat	Sch-V	
Herpestes edwardii	Common mongoose	Sch-IV	
Bandicota indica	Bandicoot	Sch-V	
Bandicota bengalensis	Bandicoot	Sch-V	
Vulpus benghalensis	Wild fox	Sch-III	
Melsurus ursinus	Bear	Sch-III Sch-III	
Hystrix indica	Porcupine		
Axis axis 🖌	Spotted deer	Sch-IV Sch III	
Canis Iupaspallipes	Indian wolf	Sch-III	
Mellivora capensis	Indian Ratel	Part-I of Sch-I	
Elephas maximas	Indian Ratel	Part-I of Sch-I	
Felis chaus	Jungle cat	Part-I of Sch-I	
Parodoxurus hermophroiditus	Indian Small civet	Part-II of sch-II	
Muntiacus muntiacus	Barking deer	Part-I of sch-I	
STUDIED IS DUDIED FIS	DOLKING OPPE	Sch-III	

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# HINDALCO INDUSTRIES LIMITED SAMRI MINES DIVISION

# Year wise /lease wise Afforestation details

Veer	Tatijharia lease				
Year	No. of Saplings	Area in Ha			
1998-2017	78925	32.060			
2017-18	8868	3.540			
2018-19	19967	7.990			
2019-20	32715	18.970			
2020-21	28739	12.819			
2021-22	21947	5.557			
2022-23	17110	5.628			
2023-24	5846	1.874			
2024-25	20815	7.916			
Total	234932	96.354			

# HINDALCO INDUSTRIES LIMITED

### Samri Mines Divison

# Ground Water Level Data (October 2024 to March 2025)

	Tatijharia Mine Lease Piezometer Reading							
S No	Month	Depth (meter)						
1	Oct-24	27.4						
2	Nov-24	27.1						
3	Dec-24	27.9						
4	Jan-25	28.3						
5	Feb-25	28.6						
6	Mar-25	28.8						

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Issued To : M/s Hindalco Industries Limited Tatijharia, Post Jamira, Tehsil Samri(Kusmi),District: Balrampur (	C.G) Sample Inw Inward Date Reference	e 23/	/-1/2-1 12/2024	22024/MON-105- 1 264; 17.05.2024	Analysis Start Analysis End Sample Category	24/12/2024 31/12/2024 Water
Sample Name Water	Sample Particulars / De GW-1	Details Purpose of analysis Drinking			s Quantity Received	
Sampled by Anacon representative Mr. Dha	Sampling Sampling				Location Nr. Mining	

TEST DECLU TO

S.N.	Test Parameter	Measurement Unit	Test Method	Require IS 105 (Drinking Wat Including Ar	Test Result				
				Acceptable Limit	Permissible Limit #				
1	Discipline : Biological Group : Water								
1	Coliform	MPN/100 ml	IS 1622	Absent	Absent	BLQ(LOQ-2)			
2	Escherichia coli	MPN/100 ml	IS 1622	Absent	Absent	BLQ(LOQ-2)			
11		D	iscipline : Chemical Group :	Water					
3	Total Alkalinity (as Calcium Carbonate)	mg/l	IS 3025 (Part 23)	200	600	159.5			
4	Ammonia (as N)	mg/l	IS 3025 (Part 34)	0.5	No relaxation	BLQ (LOQ-0.1)			
5	Anionic Detergents (as MBAS)	mg/l	IS 13428 : (Annex K)	0.2	1.0	BLQ (LOQ-0.01)			
6	Colour	Hazen units	IS 3025 (Part 4) Clause 4	5	15	BLQ(LOQ-1)			
7	Cyanide (as CN)	mg/l	IS 3025 (Part 27/Sec 1) Clause 5	0.05	No relaxation	BLQ (LOQ-0.005)			
8	Chloride (as Cl)	mg/l	IS 3025 (Part 32) Clause 2	250	1000	28.65			
9	Calcium (as Ca)	mg/l	IS 3025 (Part 40) Clause 5	75	200	BLQ(LOQ-2)			
10	Chloramines (as Cl <sub>2</sub> )	mg/l	IS 3025 (Part 26)	4.0	No relaxation	BLQ (LOQ-0.1)			
11	Free Residual Chlorine	mg/l	IS 3025 (Part 26) Clause 7	0.2	1	BLQ (LOQ-0.1)			
12	Fluoride (as F)	mg/l	IS 3025 (Part 60) Clause 6	1.0	1.5	BLQ (LOQ-0.1)			
13	Magnesium (as Mg)	mg/l	IS 3025 (Part 46) Clause 6	30	100	BLQ (LOQ-2)			
14	Nitrate (as NO <sub>3</sub> )	mg/l	APHA 23 <sup>rd</sup> edition: Method 4500-NO3	45	No relaxation	3.42			
15	Odour	-	IS 3025 (Part 5)	Agreeable	Agreeable	Agreeable			
16	рН	-	IS 3025 (Part 11)	6.5 to 8.5	No relaxation	7.72			
17	Phenolic compounds	mg/l	IS 3025 (Part 43/Sec 1) Clause 6	0.001	0.002	BLQ (LOQ-0.001)			
18	Sulphate (as SO <sub>4</sub> )	mg/l	IS 3025 (Part 24/ Sec1) Clause 5	200	400	5.32			
19	Taste	-	IS 3025 (Part 8)	Agreeable	Agreeable	Agreeable			
20	Total dissolved solids	mg/l	IS 3025 (Part 16)	500	2000	178			
21	Turbidity	NTU	IS 3025 : (Part 10)	1	5	BLQ (LOQ-0.1)			
22	Total hardness (as CaCO <sub>3</sub> )	mg/l	IS 3025 (Part 21) Clause 5	200	600	BLQ (LOQ-4)			
23	Sulphide (as H <sub>2</sub> S)	mg/l	IS 3025 (Part 29)	0.05	No relaxation	BLQ (LOQ-0.03)			
24	Mineral Oil	mg/l	ANtr/7.2/RES/06	1	No relaxation	BLQ (LOQ-0.001)			

Please refer last Page for Note and Remarks.

Verified By

Snehal Raut

Technical Manager

Kashish Dhanrajani Dy Technical Manager

Pooja Kathane Technical Manager



Authorized Signatories



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Test Report No.: ALPL/3112202	24/3-20 ———	Dated 3	1/12/2024			Page 2 of	5
Issued To : M/s Hindalco Industries Limited Tatijharia, Post Jamira, Tehsil Samri(Kusmi),District: Balrampur (C.G)		Inward Date 23/		ALPL/23122024/MON-105- EW-1/2-1 23/12/2024 13562310264; 17.05.2024		Analysis Start	24/12/2024 31/12/2024 Water
						Analysis End Sample Category	
Sample Name Water	Sample Particulars / De GW-1				rpose of analysis Drinking	s Quantity Received	
Sampled by Anacon representative Mr. Dharmasheel Bhiogade Tests required Arsenic, Aluminium, Barium, Boron, Copper, Cadmin				Sampling Date: 18/12/2024 Sampling Time: 4.10 pm		Sampling Location Piprapat Nr. Mining	

Zinc, Polynuclear aromatic hydrocarbon (PAH), Polychlorinated biphenyls
TEST RESULTS

S.N.	Test Parameter	Measurement Unit	Test Method	Requirer IS 105 (Drinking Wate Including An	Test Result	
				Acceptable Limit	Permissible Limit #	
Ш	Discipline : Chemical	Group : Resid	ues and contaminants i	n water		
25	Arsenic (as As)	mg/l	IS 3025 (Part 37)	0.01	No relaxation	BLQ (LOQ-0.01)
26	Aluminium (as Al)	mg/l	IS 3025 (Part 2)	0.03	0.2	0.03
27	Barium (as Ba)	mg/l	IS 3025 (Part 2)	0.7	No relaxation	BLQ (LOQ-0.02)
28	Boron (as B)	mg/l	IS 3025 (Part 2)	0.5	2.4	BLQ (LOQ-0.02)
29	Copper (as Cu)	mg/l	IS 3025 (Part 2)	0.05	1.5	BLQ (LOQ-0.02)
30	Cadmium (as Cd)	mg/l	IS 3025 (Part 2)	0.003	No relaxation	BLQ (LCQ-0.002)
31	Iron (as Fe)	mg/l	IS 3025 (Part 2)	1.0	No relaxation	0.11
32	Lead (as Pb)	mg/l	IS 3025 (Part 2)	0.01	No relaxation	BLQ (LOQ-0.01)
33	Manganese (as Mn)	mg/l	IS 3025 (Part 2)	0.1	0.3	BLQ (LOQ-0.02)
34	Mercury (as Hg)	mg/l	IS 3025 (Part 48)	0.001	No relaxation	BLQ (LOQ-0.001)
35	Selenium (as Se)	mg/l	IS 3025 (Part 56)	0.01	No relaxation	BLQ (LOQ-0.01)
36	Total Chromium (as Cr)	mg/l	IS 3025 (Part 2)	0.05	No relaxation	BLQ (LOQ-0.02)
37	Zinc (as Zn)	mg/l	IS 3025 (Part 2)	5	15	BLQ (LOQ-0.02)
38	Polynuclear aromatic hydrocarbon (PAH)	µg/l	ANtr/7.2/RES/03	0.1	No relaxation	BLQ (LOQ-0.03)
Ш	Discipline : Chemical	Group : Residu	es contaminants in wat	er		
41	Polychlorinated biphenyls					
3	2,2',5-trichlorobiphenyl	µg/l	ANtr/7.2/RES/04		1	BLQ (LOQ-0.03)
1	2,4,4'-trichlorobiphenyl	µg/l	ANtr/7.2/RES/04	-		BLQ (LOQ-0.03)
	2,2',5,5'-tetrachlorobiphenyl	µg/l	ANtr/7.2/RES/04	-		BLQ (LOQ-0.03)
	2,2',4,5,5'-pentachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',3,4,4',5'-hexachlorobiphenyl	µg/l	ANtr/7.2/RES/04	0.5	No relaxation	BLQ (LOQ-0.03)
111	2,2',4,4',5,5'-hexachlorobiphenyl	µg/l	ANtr/7.2/RES/04	-		BLQ (LOQ-0.03)
	2,2',3,4,4',5,5'- heptachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)

Please refer last Page for Note and Remarks.

Pradrya Pillewan **Deputy Technical Manager** 

Cellan rufa Kashish Dhanrajani Deputy Technical Manager

Verified by

Signatory Pooja Kathane **Technical Manager** 

Authorized Signatory Chinmay Garv ay uty Quality Manager

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work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on feedback@anacon.in. Anacon Laboratories Anacon Laboratories Pvt. Ltd. Nagpur Lab

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Test	Report No.: ALPL/31122024/3-20		<u>Test Re</u>			D	0.45					
Issue	d To :			AL DI /22	122024/MON-105-		3 of 5					
	indalco Industries Limited		Sample Inward No	EW-1/2-1	1	Analysis Start	24/12/2024					
	aria, Post Jamira, Samri(Kusmi),District: Balrampur (	(C G)	nward Date Reference	23/12/20		Analysis End	31/12/2024					
	Sample Name		iculars / Details		0264; 17.05.2024 Purpose of analysis	Sample Catego	ry Water tity Received					
	Water	G	SW-1		Drinking		5 Ltr					
	Sampled by Anacon representative Mr. Dha	rmasheel Bhioga	de San	pling Date: pling Time:	18/12/2024		ng Location					
Tests	required , Polynuclear aromatic h	ydrocarbons, Tri	halomethanes	iping rine:	4.10 pm	Piprapa	t Nr. Mining					
_	1		TEST RES	SULTS	-							
S.N.	Test Parameter	Measurem Unit	ent Test N	Test Method Including Ame		) : 2012 Specifications) ndment No. 4	Test Result					
	L		1		Acceptable Limit	Permissible Limit #						
Ш	Discipline : Chemical		esidues contamina	ants in water	-							
42	Polynuclear aromatic hydrocarbons											
	Naphthalene	µg/l	ANtr/7.2	/RES/04			BLQ (LOQ-0.03)					
	Acenaphthylene	µg/l	ANtr/7.2	/RES/04			BLQ (LOQ-0.03)					
	Acenaphthene	µg/l	ANtr/7.2	/RES/04			BLQ (LOQ-0.03)					
	Fluorene	µg/l	ANtr/7.2	/RES/04			BLQ (LOQ-0.03)					
	Anthracene	µg/l	ANtr/7.2	RES/04			BLQ (LOQ-0.03)					
	Phenanthrene	µg/l	ANtr/7.2	RES/04			BLQ (LOQ-0.03)					
	Fluoranthene	µg/l	ANtr/7.2	RES/04	1 1		BLQ (LOQ-0.03)					
	Pyrene	µg/l	ANtr/7.2	RES/04			BLQ (LOQ-0.03)					
	Benzo(a)anthracene	µg/l	ANtr/7.2	RES/04	0.1	No relaxation	BLQ (LOQ-0.03)					
	Chrysene	µg/l	ANtr/7.2	RES/04	-		BLQ (LOQ-0.03)					
	Benzo(a)pyrene	µg/l	ANtr/7.2	RES/04			BLQ (LOQ-0.03)					
	Benzo(b)fluoranthene	µg/l	ANtr/7.2	RES/04	1		BLQ (LOQ-0.03)					
	Benzo(k)fluoranthene	µg/l	ANtr/7.2/	RES/04	1 1		BLQ (LOQ-0.03)					
	Indeno(123,cd)pyrene	µg/l	ANtr/7.2/	RES/04	1 1		BLQ (LOQ-0.03)					
	Dibenzo(a,h)anthracene	µg/l	ANtr/7.2/	RES/04	1 1		BLQ (LOQ-0.03)					
	Benzo(ghi)perylene	µg/l	ANtr/7.2/	RES/04	1		BLQ (LOQ-0.03)					
43	Trihalomethanes											
i	Bromoform	mg/l			0.1	No relaxation	BLQ (LOQ-0.05)					
ii	Dibromochloromethane	mg/l		050/04	0.1	No relaxation	BLQ (LOQ-0.05)					
iii	Bromodichloromethane	mg/l	ANtr/7.2/	RES/04	0.06	No relaxation	BLQ (LOQ-0.05)					
iv	Chloroform	mg/l			0.2	No relaxation	BLQ (LOQ-0.05)					

Verified By

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Kashish Dhanrajani Deputy Technical Manager Signatory



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ssued	Report No.: ALPL/31122024/3-20		Dated 31/12/202		22024/MON-1		e 4 of 5	
M/s Hindalco Industries Limited Tatijharia, Post Jamira, Tehsil Samri(Kusmi),District: Balrampur (C.G)		G) Refe	Inward Date 23			Analysis Start Analysis End	24/12/2024 31/12/2024 wry Water	
	Sample Name Water	Sample Particula GW-1			Purpose of ana Drinking		tity Received 5 Ltr	
	Sampled by Anacon representative Mr. Dharm	asheel Bhiogade		ling Date: ling Time:	18/12/2024 4.10 pm		ng Location at Nr. Mining	
ests	required - Pesticide Residues Organ	nochlorine	TEST RESU					
S.N.	Test Parameter	Measurement Unit	Test Method	(	IS 105 Drinking Wate	ment as per 00 : 2012 er Specifications) nendment No. 4 Permissible Limit #	Test Result	
ш	Discipline : Chemical	Group · Residu	les contaminant	MACLINEDA DE		Fermissible Limit #	×	
44	Pesticide Residues Organochlorine			S III Water				
1	Alpha-HCH	μg/l	ANtr/7.2/RES	5/01	0.01	No relaxation	BLQ (LOQ-0.01	
	Beta HCH	µg/l	ANtr/7.2/RES		0.04	No relaxation	BLQ (LOQ-0.03	
	Delta- HCH	µg/l	ANtr/7.2/RES		0.04	No relaxation	BLQ (LOQ-0.03	
2	Gamma - HCH (Lindane)	µg/l	ANtr/7.2/RES	5/01	2	No relaxation	BLQ (LOQ-0.03	
3	Alachlor	µg/l	ANtr/7.2/RES	5/01	20	No relaxation	BLQ (LOQ-0.03	
4	Aldrin	µg/l	ANtr/7.2/RES/		0.03	No relaxation	BLQ (LOQ-0.03	
	Dieldrin	µg/l	ANtr/7.2/RES	/01	0.03	No relaxation	BLQ (LOQ-0.03	
5	Butachlor	µg/l	ANtr/7.2/RES	5/01	125	No relaxation	BLQ (LOQ-0.03	
		µg/l	ANtr/7.2/RES	/01			BLQ (LOQ-0.03	
		hð\I	ANtr/7.2/RES	/01			BLQ (LOQ-0.03	
6	p,p'-DDE, o,p'-DDE, p,p'-DDD,	hð\I	ANtr/7.2/RES	/01	1	No. of Longitudina	BLQ (LOQ-0.03	
	o,p'-DDD, o,p'- DDT, p,p'- DDT	µg/l	ANtr/7.2/RES	/01		No relaxation	BLQ (LOQ-0.03	
		µg/l	ANtr/7.2/RES	/01			BLQ (LOQ-0.03	
		µg/l	ANtr/7.2/RES	/01			BLQ (LOQ-0.03	
7	Atrazine	µg/l	ANtr/7.2/RES	/01	2	No relaxation	BLQ (LOQ-0.03	
8	2,4-Dichlorophenoxyacetic acid	µg/l	ANtr/7.2/RES	/01	30	No relaxation	BLQ (LOQ-0.03	
9	Endosulphan							
	Alpha-Endosulphan Beta-Endosulphan			/01				
	Endosulphan sulphate	- Hg/l	ANtr/7.2/RES	/01	0. 4	No relaxation	BLQ (LOQ-0.03	

D Please refer last Page for Note and Remarks.

Verified By

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Kashish Dhanrajani Deputy Technical Manager

Signatory

Pooja Kathane Technical Manager

Authorized Signatory ettinmay Garw

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Anacon Laboratories Pvt. Ltd. Nagpur Lab

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Test Report No.: ALPL/31122024	4/3-20		t Repor	rt		Page 5 of	5
Issued To : M/s Hindalco Industries Limited Tatijharia, Post Jamira, Tehsil Samri(Kusmi),District: Balrar		Sample Inwa Inward Date Reference	ard No.	EW-1/2-1 23/12/202	22024/MON-105- 4 264; 17.05.2024	Analysis Start Analysis End Sample Category	24/12/2024 31/12/2024 Water
Sample Name Water	Sample	ails Purpose of analys		urpose of analysis Drinking			
Sampled by Anacon representative Mr. Dharmasheel Bhiogade Tests required - Pesticide Residues Organochlorine				Sampling Date: 18/12/2024 Sampling Time: 4.10 pm		Sampling Location Piprapat Nr. Mining	

			TEST RESULTS	8		
S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
IV				Acceptable Limit	Permissible Limit #	1
IV		Discipline : Chemica	l Grou	p : Residues contami	nants in water	
45	Pesticide Residues Organophe	osphorus			and a state of the	
10	Isoproturon	µg/l	ANtr/7.2/RES/02	9	No relaxation	BLQ (LOQ-0.03
11	Monocrotophos	µg/l	ANtr/7.2/RES/01	1	No relaxation	BLQ (LOQ-0.03
12	Parathion methyl	µg/l	ANtr/7.2/RES/01	0.3	No relaxation	BLQ (LOQ-0.03)
	Paraoxon methyl	µg/l	ANtr/7.2/RES/01		-	BLQ (LOQ-0.03
13	Malathion	µg/l	ANtr/7.2/RES/01	190	No relaxation	BLQ (LOQ-0.03
	Malaoxon	µg/l	ANtr/7.2/RES/01		-	BLQ (LOQ-0.03)
14	Ethion	µg/l	ANtr/7.2/RES/01	3	No relaxation	BLQ (LOQ-0.03)
15	Chlorpyrifos	µg/l	ANtr/7.2/RES/01	30	No relaxation	BLQ (LOQ-0.03)
16	Phorate	221123	ANtr/7.2/RES/01	17.7		DLG (LOQ-0.03)
	Phorate-sulfone	μg/l	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03)
	Phorate-sulfoxide		/			010 (100-0.03)

NOTE: • Please see watermark "Original Test Report" to confirm the authenticity of this report. • Results shall be referred to tested sample(s) and applicable to tested parameters only. • Test report shall not be reproduced except in full without prior written approval of Anacon Labs. • Liability of Anacon Labs is limited to invoiced amount only. • Non-perishable and perishable sample(s) shall be disposed off after 30 days and 15 days respectively from the date of issue of Test Report, unless specified otherwise. • #Permissible limit in absence of an alternate source for drinking water. • 'mg/l' is equivalent to 'ppm'. • 'µg/l' is equivalent to 'ppb'. • BLQ= below limit of quantification , LOQ= limit of quantification. • Result for test no. • Sis not relevant. • ANtr/7.2/RES-01, ANtr/7.2/RES/06: Inhouse validated method. • NT' indicates not Tested as sample failed to establish safety concerns. • Sampling Method-ANtd/7.2/MON-01 • Environmental condition – Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

REMARKS: As requested by the client, sample was tested for above parameters only. The submitted sample complies with requirement as per IS: 10500:2012, for tests conducted only.

Verified By

Kalanryger

Kashish Dhanrajani Deputy Technical Manager Signatory

Pooja Kathane

Technical Manager

-----END OF REPORT-----

Authorized Signatory 0 hinmay Garw Deputy Quality nager



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# Test Report

Tes	t Report No.: ALPL/15/04/202	5/4-5	Dated 15/04/	2025		Page 1 o	of 5	
Issued To : M/s Hindalco Industries Limited Tatijharia, Post Jamira, Tehsil Samri(Kusmi),District: Balrampur (C.G)		Sample Inward No Inward Date Reference	EW-3/2-1 31/03/202		Analysis Start Analysis End Sample Category	01/04/2025 14/04/2025 Water		
Water GW-			rticulars / Details GW-1				Received Ltr	
	Sample Anacon representative			mpling Date: mpling Time:	23/03/2025 4.10 pm	Sampling L Piprapat N		
	residual chlorine, Fluoride, Ma idity, Total hardness, Mineral C		TEST RE		ipnate, Sulphide, Tas	ste, Total dissolved sol	ilds,	
5.N.	Test Parameter	Measuremen Unit	t Test I	Method	IS 10 (Drinking Wa	ement as per 500 : 2012 ter Specifications) mendment No. 4	Test Result	
					Acceptable Limit	Permissible Limit #		
1	Discipline : Biological	Group : Water	6- *					
1	Coliform	MPN/100 ml	IS	1622	Absent	Absent	BLQ(LOQ-2)	
2	Escherichia coli	MPN/100 ml	IS	1622	Absent	Absent	BLQ(LOQ-2)	
Ш	Discipline : Chemical	Group : Water				1		

1	Coliform	MPN/100 ml	IS 1622	Absent	Absent	BLQ(LOQ-2)
2	Escherichia coli	MPN/100 ml	IS 1622	Absent	Absent	BLQ(LOQ-2)
Ш	Discipline : Chemical G	roup : Water				
3	Total Alkalinity (as Calcium Carbonate)	mg/l	IS 3025 (Part 23)	200	600	175.32
4	Ammonia (as N)	mg/l	IS 3025 (Part 34)	0.5	No relaxation	BLQ (LOQ-0.1)
5	Anionic Detergents (as MBAS)	mg/l	IS 3025 (Part 68)	0.2	1.0	BLQ (LOQ-0.01)
6	Colour	Hazen units	IS 3025 (Part 4) Clause 4	5	15	BLQ(LOQ-1)
7	Cyanide (as CN)	mg/l	IS 3025 (Part 27/Sec 1) Clause 5	0.05	No relaxation	BLQ (LOQ-0.005)
8	Chloride (as Cl)	mg/l	IS 3025 (Part 32) Clause 2	250	1000	35.69
9	Calcium (as Ca)	mg/l	IS 3025 (Part 40) Clause 5	75	200	BLQ(LOQ-2)
10	Chloramines (as Cl <sub>2</sub> )	mg/l	IS 3025 (Part 26)	4.0	No relaxation	BLQ (LOQ-0.1)
11	Free Residual Chlorine	mg/l	IS 3025 (Part 26) Clause 7	0.2	1	BLQ (LOQ-0.1)
12	Fluoride (as F)	mg/l	IS 3025 (Part 60) Clause 6	1.0	1.5	BLQ (LOQ-0.1)
13	Magnesium (as Mg)	mg/l	IS 3025 (Part 46) Clause 6	30	100	BLQ (LOQ-2)
14	Nitrate (as NO <sub>3</sub> )	mg/l	IS 3025 (Part 34/ Sec1) Clause 6.4	45	No relaxation	5.36
15	Odour		IS 3025 (Part 5)	Agreeable	Agreeable	Agreeable
16	pH	2	IS 3025 (Part 11)	6.5 to 8.5	No relaxation	7.25
17	Phenolic compounds	mg/l	IS 3025 (Part 43/Sec 1) Clause 6	0.001	0.002	BLQ (LOQ-0.001)
18	Sulphate (as SO <sub>4</sub> )	mg/l	IS 3025 (Part 24/ Sec1) Clause 5	200	400	8.35
19	Taste	*	IS 3025 (Part 8)	Agreeable	Agreeable	Agreeable
20	Total dissolved solids	mg/l	IS 3025 (Part 16)	500	2000	165
21	Turbidity	NTU	IS 3025 : (Part 10)	1	5	BLQ (LOQ-0.1)
22	Total hardness (as CaCO <sub>3</sub> )	mg/l	IS 3025 (Part 21) Clause 5	200	600	BLQ (LOQ-4)
23	Sulphide (as H <sub>2</sub> S)	mg/l	IS 3025 (Part 29)	0.05	No relaxation	BLQ (LOQ-0.03)

Please refer last Page for Note and Remarks.

Verified By 19 Snehal Raut **Technical Manager** 

Dhanshree Hiwanj Sr. Technical Assistant

Authorized Signatories

jurde Dr. Anupa Tankhiwale Sr. Technical Manager

Chinmay Garwa Deputy Quality Mayager





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# Test Report

Toot D	Papart No : AL PL (21122024/2	20		121/12/2024			Dees	2 .4 5			
lssued M/s Hir	Report No.: ALPL/31122024/3 To : ndalco Industries Limited ria, Post Jamira,	r20	Sample In Inward Da	ite 31	V-3/2-1 /03/2025		Analysis Start Analysis End	3 of 5 01/04/2025 14/04/2025			
	Samri(Kusmi),District: Balramp		Reference	S 540		264; 17.05.2024	Sample Catego	rtu Azestestus.			
	Sample Name Water	Sample Pa	GW-1		10-13	Irpose of analysis Drinking		tity Received 5 Ltr			
	Sampleo Anacon representative M	Ar. Akshay Babulka		Sampling Sampling	Date: Time:	23/03/2025 4.10 pm		ng Location t Nr. Mining			
fests r	equired:- Polynuclear aromat	tic hydrocarbons, T			12						
S.N.	Test Parameter	Measure Uni	ment	TEST RESULTS		IS 1050 (Drinking Wate) Including Am	nent as per 00 : 2012 r Specifications) rendment No. 4	Test Result			
						Acceptable Limit	Permissible Limit #				
11	Discipline : Chemical	Group :	Residues of	contaminants ir	water						
42	Polynuclear aromatic hydrocarbons										
	Naphthalene	/gu		ANtr/7.2/RES/	)4			BLQ (LOQ-0.03			
	Acenaphthylene	/gu		ANtr/7.2/RES/	)4			BLQ (LOQ-0.03			
	Acenaphthene	hðh		ANtr/7.2/RES/	04			BLQ (LOQ-0.03			
	Fluorene	μg/		ANtr/7.2/RES/	)4			BLQ (LOQ-0.03			
	Anthracene	μg/	1	ANtr/7.2/RES/	04			BLQ (LOQ-0.03			
	Phenanthrene	hđ/		ANtr/7.2/RES/	04			BLQ (LOQ-0.03			
	Fluoranthene	μg/		ANtr/7.2/RES/	04	1	No relaxation	BLQ (LOQ-0.0			
	Pyrene	/gu	1	ANtr/7.2/RES/	04	0.1		BLQ (LOQ-0.03			
	Benzo(a)anthracene	/gu	1	ANtr/7.2/RES/	04	0.1		BLQ (LOQ-0.03			
	Chrysene	/gy	1	ANtr/7.2/RES/	04			BLQ (LOQ-0.03			
	Benzo(a)pyrene	/gu	1	ANtr/7.2/RES/	04	1		BLQ (LOQ-0.0			
	Benzo(b)fluoranthene	hd/	1	ANtr/7.2/RES/	04			BLQ (LOQ-0.0			
	Benzo(k)fluoranthene	μg/	1	ANtr/7.2/RES/	04	1 1		BLQ (LOQ-0.0			
	Indeno(123,cd)pyrene	hð/	1	ANtr/7.2/RES/	04	1		BLQ (LOQ-0.0			
	Dibenzo(a,h)anthracene	μg/	I I	ANtr/7.2/RES/	04	1		BLQ (LOQ-0.03			
	Benzo(ghi)perylene	µg/	I	ANtr/7.2/RES/	04			BLQ (LOQ-0.03			
43	Trihalomethanes										
i.	Bromoform	mg	1			0.1	No relaxation	BLQ (LOQ-0.0			
ii	Dibromochloromethane	mg	/1	ANtr/7.2/RES/	04	0.1	No relaxation	BLQ (LOQ-0.0			
iii	Bromodichloromethane	mg,	/1	ANNUT ATTEOR		0.06	No relaxation	BLQ (LOQ-0.0			
iv	Chloroform	mg	/1			0.2	No relaxation	BLQ (LOQ-0.05			

Please refer last Page for Note and Remarks.

Verified By

Sheete T Kashish Dhanrajani Deputy Technical Manager

Authorized Signatory Chinmay Garway Deputy Quality Manager



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# Test Report

Test Report No.: ALPL/31122024/3-20	Dated 31/1	2/2024		Page 4 of	5
Issued To : M/s Hindalco Industries Limited Tatijharia, Post Jamira, Tehsil Samri(Kusmi),District: Balrampur (C.G)	Sample Inward Inward Date Reference	NO. EW-3/2-1 31/03/202	32024/MON-241- 5 264; 17.05.2024	Analysis Start Analysis End Sample Category	01/04/2025 14/04/2025 Water
Sample Name S Water	Sample Particulars / Details GW-1	s Pi	Drinking		Received _tr
Sampled by Anacon representative Mr. Aksha		Sampling Date: Sampling Time:	23/03/2025 4.10 pm	Sampling Location Piprapat Nr. Mining	
Tests required:- Pesticide Residues Organo	chlorine.				2
	TEST	RESULTS			

S.N.	Test Parameter	Measurement Unit	Test Method	Requiren IS 105 (Drinking Wate Including Am	Test Result	
				Acceptable Limit	Permissible Limit #	1
Ш	Discipline : Chemical	Group : Residu	es contaminants in	water		
44	Pesticide Residues Organochlorine	9				
1	Alpha-HCH	µg/l	ANtr/7.2/RES/01	0.01	No relaxation	BLQ (LOQ-0.01)
	Beta HCH	µg/l	ANtr/7.2/RES/01	0.04	No relaxation	BLQ (LOQ-0.03)
	Delta- HCH	µg/l	ANtr/7.2/RES/01	0.04	No relaxation	BLQ (LOQ-0.03)
2	Gamma - HCH (Lindane)	µg/l	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03)
3	Alachlor	µg/l	ANtr/7.2/RES/01	20	No relaxation	BLQ (LOQ-0.03)
4	Aldrin	µg/l	ANtr/7.2/RES/01	0.03	No relaxation	BLQ (LOQ-0.03)
	Dieldrin	µg/I	ANtr/7.2/RES/01	0.03	No relaxation	BLQ (LOQ-0.03)
5	Butachlor	µg/I	ANtr/7.2/RES/01	125	No relaxation	BLQ (LOQ-0.03)
-	p,p'-DDE, o,p'-DDE, p,p'-DDD, o,p'-DDD, o,p'- DDT, p,p'- DDT	µg/l	ANtr/7.2/RES/01	1 1 1 1		BLQ (LOQ-0.03)
		µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)
6		µg/I	ANtr/7.2/RES/01		No relaxation	BLQ (LOQ-0.03)
		µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)
		µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)
		µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)
7	Atrazine	µg/l	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03)
8	2,4-Dichlorophenoxyacetic acid	µg/l	ANtr/7.2/RES/01	30	No relaxation	BLQ (LOQ-0.03)
9	Endosulphan					
	Alpha-Endosulphan Beta-Endosulphan	µg/l	ANtr/7.2/RES/01	0.4	No relaxation	BLQ (LOQ-0.03
	Endosulphan sulphate					

Please refer last Page for Note and Remarks.

Verified By

4 Kashish Dhanrajani Deputy Technical Manager

Authorized Signatory Chinmay Garway puty Quality Manager



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# Test Report

Test Report No.: ALPL/31122024	/3-20	Dated 31/12	2/2024		Page 5 of	f 5
ssued To : M/s Hindalco Industries Limited Tatijharia, Post Jamira, Tehsil Samri(Kusmi),District: Balran	npur (C.G)	Sample Inward I Inward Date Reference	NO. EW-3/2- 31/03/20	de la companya de la	Analysis Start Analysis End Sample Category	01/04/2025 14/04/2025 Water
Sample Name Water	Sample	Particulars / Details GW-1	•	Purpose of analysis Drinking		Received Ltr
Sampled by Anacon representative Mr. Akshay Babulkar			ampling Date: ampling Time		Sampling Location Piprapat Nr. Mining	

TEST RESULTS

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
1				Acceptable Limit	Permissible Limit #	]
IV		Discipline : Chemica	l Grou	p : Residues contami	nants in water	
45	Pesticide Residues Organoph	osphorus			a	N.
10	Isoproturon	µg/I	ANtr/7.2/RES/02	9	No relaxation	BLQ (LOQ-0.03)
11	Monocrotophos	µg/l	ANtr/7.2/RES/01	1	No relaxation	BLQ (LOQ-0.03)
12	Parathion methyl	µg/l	ANtr/7.2/RES/01	0.3	No relaxation	BLQ (LOQ-0.03)
	Paraoxon methyl	µg/l	ANtr/7.2/RES/01		-	BLQ (LOQ-0.03)
13	Malathion	µg/l	ANtr/7.2/RES/01	190	No relaxation	BLQ (LOQ-0.03
	Malaoxon	µg/l	ANtr/7.2/RES/01		-	BLQ (LOQ-0.03)
14	Ethion	µg/l	ANtr/7.2/RES/01	3	No relaxation	BLQ (LOQ-0.03)
15	Chlorpyrifos	µg/l	ANtr/7.2/RES/01	30	No relaxation	BLQ (LOQ-0.03
16	Phorate		ANtr/7.2/RES/01			
	Phorate-sulfone	μg/l	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03
	Phorate-sulfoxide					

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-----END OF REPORT-----

REMARKS: As requested by the client, sample was tested for above parameters only. Sample bearing the details mentioned as above is complying with IS 10500 : 2012 for the tested parameters.

Verified By

Shake

T Kashish Dhanrajani Deputy Technical Manager

Authorized Signatory Chinmay Garwa puty Quality Manager



Annexure-E

भारत सरकार जल शक्ति मंत्रालय जल संसाधन विभाग, **केंद्रीय भूमि जल प्राधिकरण** GOVERNMENT OF INDIA MINISTRY OF JAL SHAKTI DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION **CENTRAL GROUND WATER AUTHORITY** 





	١		JECTIO	N CER	भूजल TIFICA	निकासी हे ATE (NOC	तु अनाप c) FOR	र्वत्ते प्रमा GROU	ण पत्र ND W/	ATER A	BSTRAC	CTION		
PROJE	ECT NAM	1E <b>TA</b>	TIJHAF	IA BA	UXITE	MINE OF	M/S	HINDA	LCO II	NDUST	RIES LI	MITED	)	
PROJE	ECT ADD	RESS	VILLA	GE-TA	AHLIT	RIA				PIN	CODE	4972	24	
STATE	CHHA	TTISG	ARH		DIS	TRICT E	BALRA	MPUR		ΤO	WN/BLO	ск к	USMI	
COMN	IUNICAT	ION A	DDRES	S MI	NES D	IVISION,	COUF		D		101			
	ESS OF pedi Na					Reena sgarh.	Apart	ment, 2	2nd Fl	oor, NH	1 43, Dh	amtar	i Road,	
1. NC	1. NOC NO. NOC/MIN/CG/2024/1632/R-3/3 2. DATE OF ISSUANCE 12/03/2025													
3. AF	PPLICAT	ION N	D. MIN	I/CG/2	2024/1	632/R-3	4.	APPLI	CATIC	Ν ΤΥΡ	E Minir	ng		
5. PF	ROJECT	STATU	S Exis	ting P	roject		6.	NOCT	YPE	Renew	,			
7. VA	LID FRO	M 28	8/03/20	25			8.	VALID	UP TO	27/0	)3/2027	,		
9. W	ATER QU	JALITY	TYPE	Fresh	Wate	r		AREA 024)	ТҮРЕ	CATE	GORY S	Safe	(GWRE	-
								<b>~</b> /						
11. G	round W	ater A	bstract	ion Pe	rmitteo	d o								
11. G		ater A bstrac		ion Pe	rmitteo		vaterir	,				Total		
11. G m <sup>3</sup> /da	GW A		tion	ion Pe	rmitteo m³/da	Dev		ng		m³/da	ıy	_	′year	
	GW A	bstrac	tion /ear	ion Pe		Dev	vaterir	ng /ear		m <sup>3</sup> /da 5.00	ıy	m <sup>3</sup> /	<b>'year</b> 25.00	
m <sup>3</sup> /da 5.00	GW A y	bstrac m³/y 182	tion /ear 5.00		m <sup>3</sup> /da 0.00	Dev	vaterin m <sup>3</sup> /y 0.00	ng /ear	res		ıy	m <sup>3</sup> /		
m <sup>3</sup> /da 5.00	GW A y etails of	bstrac m³/y 182	tion /ear 5.00 nd Wate		m <sup>3</sup> /da 0.00	Dev ay n /Dewate	vaterin m <sup>3</sup> /y 0.00	ng year ) Structu	res			m <sup>3</sup> /	25.00	
m <sup>3</sup> /da 5.00	GW A y etails of	bstrac m³/y 1829 Grour	tion /ear 5.00 nd Wate		m <sup>3</sup> /da 0.00	Dev ay n /Dewate	vaterin m³/y 0.00 ering \$	ng year ) Structu	res			m <sup>3</sup> / 182	25.00	Pu
m <sup>3</sup> /da 5.00 12. D	GW A y etails of EXI	bstrac m³/y 1829 Grour STING	tion /ear 5.00 nd Wate	r Abst	m <sup>3</sup> /da 0.00 raction	Dev ay n /Dewate PROF	vaterin m³/y 0.00 ering S POSED	ng year Structu		5.00	тс	m <sup>3</sup> / 182 DTAL	25.00	Pu 0
m <sup>3</sup> /da 5.00 12. D DW 0	GW A y etails of EXI DCB 0	bstrac m <sup>3</sup> /y 1829 Groun STING BW 1	tion /ear 5.00 nd Wate 1 TW 0	Pu 0	m <sup>3</sup> /da 0.00 raction DW 0	Dev ay n /Dewate PROF DCB	vaterin m <sup>3</sup> /y 0.00 ering \$ POSED BW 0	ear Structu 0 TW 0	Pu 0	<b>5.00</b> DW 0	TC DCB 0	m <sup>3</sup> / 182 DTAL BW	25.00 1 TW	
m <sup>3</sup> /da 5.00 12. D DW 0 *DW-E	GW A y etails of EXI DCB 0	bstrac m³/y 1829 Groun STING BW 1 ; DCB-	tion /ear 5.00 nd Wate 1 TW 0	Pu 0	m <sup>3</sup> /da 0.00 raction DW 0	Dev ay /Dewate PROF DCB 0	vaterin m <sup>3</sup> /y 0.00 ering \$ POSED BW 0	ear Structu 0 TW 0	Pu 0	<b>5.00</b> DW 0	TC DCB 0	m <sup>3</sup> / 182 DTAL BW	25.00 1 TW	
m <sup>3</sup> /da 5.00 12. D DW 0 *DW-E	GW A y etails of EXI DCB 0 Dug Well . Of Mine	bstrac m³/y 1829 Groun STING BW 1 ; DCB-	tion /ear 5.00 nd Wate 1 TW 0	Pu 0	m <sup>3</sup> /da 0.00 raction DW 0 re Well	Dev ay /Dewate PROF DCB 0	vaterin m <sup>3</sup> /y 0.00 ering \$ POSED BW 0	ear Structu 0 TW 0	Pu 0	<b>5.00</b> DW 0	TC DCB 0	m <sup>3</sup> / 182 DTAL BW 1	25.00 1 TW	

Validity of this NOC shall be subject to mandatory compliance of the following conditions: Phase I (within 30 days)

1. Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) is mandatory for all users seeking No Objection Certificate. Intimation regarding their installation shall be updated in Self-Compliance Module (Phase-I) of BhuNeer APP portal within 30 days of grant of No Objection Certificate.

Phase II (after 11 months)

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Authorized Signatory

Chinmay Garw

outy Quality Manager

Test Report

Ambient Air Qua	lity-February-2025

Page 1 of 1

Report No.:-	ALPL/15042025/3-9	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/26022025/MON-241-EAAQ-3/64
Sampled by	Anacon Representative Mr. Kailash Chahande	Sample Inward Date	8,15,22,28-Feb-2025
Test Started On:-	8,15,22,28-Feb-2025	Test Completed On:-	9.16.23.28-Feb-2025
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>3</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m <sup>1</sup>	Carbon Monoxide (as CO) mg/m <sup>2</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
1.	Discipline: Chemical		Group: Atmos	pheric Pollution	Material or Proc	fuct tested : Ambier	nt Air
		04/02/2025	69.3	21.5	9.1	13.5	BLQ (LOQ-0.5)
		07/02/2025	63.4	23.7	7,9	15.7	BLQ (LOQ-0.5)
		11/02/2025	65.5	26.1	7.4	17.5	BLQ (LOQ-0.5)
a para l	Tatuhana Village/	14/02/2025	51.4	19.7	8.3	15.4	BLQ (LOQ-0.5)
AAQ-1	Nr Weigh Bridge	18/02/2025	54.7	21.5	7.6	13.8	BLQ (LOQ-0.5)
		21/02/2025	52.9	19.3	9,3	12.6	BLQ (LOQ-0.5)
		25/02/2025	57.1	20.5	7.9	15.4	BLQ (LOQ-0.5)
		28/02/2025	54.8	22.2	6.4	13.1	BLQ (LOQ-0.5)
	NAAQMS Standard	is	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>8</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>3</sup>
	Test Method		ANtr/7 2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04
		04/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
1220	Tafijharia Village/ Nr.Weigh Bridge	14/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-1		18/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standard	ts	1.0 (24 hrs)		6.0 (annual)	



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Verified by Dhanashree Hiwanj Snehal Raut Sr. Technical Assistant **Technical Manager** -End of Report-

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Test Report

#### Ambient Air Quality-February-2025

Page 1 of 1

Report No.:-	ALPL/15042025/3-10	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/26022025/MON-241-EAAQ-3/64
Sampled by	Anacon Representative Mr. Kailash Chahande	Sample Inward Date	8,15.22,28-Feb-2025
Test Started On:-	8,15,22,28-Feb-2025	Test Completed On:-	9.16.23.28-Feb-2025
Sampling Procedure	ANtd/7.2/Mon-01	1	

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>2</sup>	Particulate Matter (PM2.5) µg/m <sup>3</sup>	Sulphur dioxide µg/m²	Oxides of Nitrogen µg/m <sup>2</sup>	Carbon Monoxide (as CO) mg/m <sup>2</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I. Discipline: Chemical			Group: Atmos	pheric Pollution	Material or Proc	luct tested : Ambier	nt Air
		04/02/2025	61.5	23.6	10.6	15.7	BLQ (LOQ-0.5)
		07/02/2025	65.8	25.6	11.7	14.4	BLQ (LOQ-0.5)
		11/02/2025	60,6	21.5	11.1	13.1	BLQ (LOQ-0.5)
	Piprapat/	14/02/2025	54.2	18.6	12.7	14,5	BLQ (LOQ-0.5)
AAQ-2	Nr. Mining Area	18/02/2025	59,4	25.6	12.1	13.2	BLQ (LOQ-0.5)
		21/02/2025	57.1	19.9	13.6	13.7	BLQ (LOQ-0.5)
		25/02/2025	60.4	22.3	11.5	16.2	BLQ (LOQ-0.5)
		28/02/2025	59.5	24.1	13.5	17.1	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>2</sup>	
	Test Method		ANti/7.2/RES- INORG/04	ANU/7.2/RES- INORG/04	ANtr/7/2/RES- INORG/04	ANtr/7.2/RES- INORG/04	
		04/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		07/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		11/02/2025	BLQ (LOQ-0 2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
440.0	Piprapat/ Nr. Mining Area	14/02/2025	BLQ (LOQ+0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
AAQ-2		Nr. Mining Area	18/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		25/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		28/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	NAAQMS Standar	is	1.0 (24 hrs)		6.0 (annual)	-	

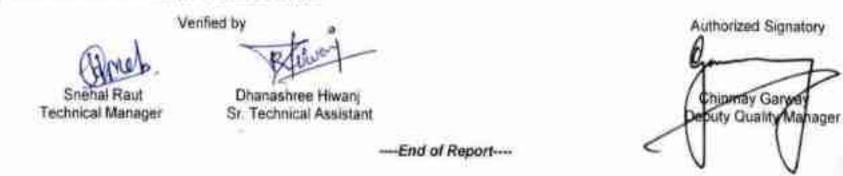


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Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.6/05).

Remark: - All Results are within Limit as per NAAQMS Standards.



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Test Report

Page 1 of 1

	Ambient Air Qu	ality-February-2025	12 1 10 10 10 10 10 10 10 10 10 10 10 10 1
Report No.:-	ALPL/15042025/3-11	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/25022025/MON-241-EAAQ-3/64
Sampled by	Anacon Representative Mr. Kailash Chahande	Sample Inward Date	8,15.22.28 Feb-2025
Test Started On:-	8,15,22,28-Feb-2025	Test Completed On:-	9,16,23,28-Feb-2025
Sampling Procedure	ANtal7 2/Mon-01	the state of the s	

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5) µg/m <sup>3</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>7</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS 5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
P.	Discipline: Chemica	il .	Group: Atmos	spheric Pollution	Material or Proc	fuct tested : Ambier	nt Air
		04/02/2025	65.9	25.2	11.5	16.5	BLQ (LOQ-0.5)
14		07/02/2025	59.7	22.7	11.1	14.2	BLQ (LOQ-0.5)
9		11/02/2025	64.3	26.4	12.6	13.1	BLQ (LOQ-0.5)
	WHEN CONTRACTOR	14/02/2025	61.3	22.6	10.2	14.5	BLQ (LOQ-0.5)
AAQ-3	Virtiorepat	18/02/2025	60.7	25.6	11.7	16.2	BLQ (LOQ-0.5)
		21/02/2025	67.7	24.5	13.2	13.6	BLQ (LOQ-0.5)
		25/02/2025	72.1	27.8	12.3	15.1	BLQ (LOQ-0.5)
		28/02/2025	60.3	21.5	13.6	12.4	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>1</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>2</sup>	
Test Method			ANtr/7.2/RES- INORG/04	ANI//7.2/RES- INORG/04	ANII/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	
		04/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	3 Virticrepat	07/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		11/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		Virhorepat	14/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-3			18/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		25/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		28/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	NAAQMS Standa	rds	1.0 (24 hrs)		6.0 (annual)	Taxaa .	

NOTES: 
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• Results shall be refered to tested samples and applicable to rested parameters only.

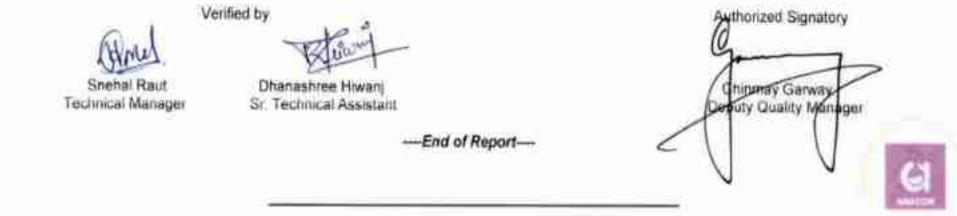
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• BLQ+ below timit of quantification.

• Environmental condition.

• Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.5/05).

Remark: - All Results are within Limit as per NAAOMS Standards.



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### Anacon Laboratories Pvt. Ltd. Nagpur Lab

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Test Report

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PROFESSION REPORTS		lanty-rebruary-2025	
Report No.:-	ALPL/15042025/3-12	Report Date:-	15/04/2025
issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/26022025/MON-241-EAAQ-3/64
Sampled by	Anacon Representative Mr. Kailash Chahande	Sample Inward Date	8,15,22,28-Feb-2025
Test Started On:-	8,15,22,28-Feb-2025	Test Completed On:-	9.16.23.28-Feb-2025
Sampling Procedure	ANtd/7 2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5) µg/m <sup>3</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
1.	Discipline: Chemica	il.	Group: Atmos	pheric Pollution	Material or Product tested : Ambient Air		
, A		04/02/2025	63.4	20.2	11.8	13.8	BLQ (LOQ-0.5)
		07/02/2025	67,5	25.6	13.2	15.6	BLQ (LOQ-0.5)
		11/02/2025	64.3	23.1	12.5	13.5	BLQ (LOQ-0.5)
		14/02/2025	66.8	24.4	10.6	16.2	BLQ (LOQ-0.5)
AAQ-4	Khinpat	18/02/2025	68.6	27.2	13.5	14.4	BLQ (LOQ-0.5)
		21/02/2025	61.4	22.6	14.7	15.8	BLQ (LOQ-0.5)
		25/02/2025	65.2	27.2	13.6	15.9	BLQ (LOQ-0.5)
		28/02/2025	62.5	23.5	11.7	14,6	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>2</sup>	Mercury as Hg µg /m <sup>2</sup>	Arsenic as As ng /m <sup>2</sup>	Chromium as Cr µg /m <sup>3</sup>
	Test Method		ANtr/7.2/RES- INORG/04	ANtri7 2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04
		04/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	222.2	11/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-4	Khinpat	18/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
2		28/02/2025 BLQ (LOQ-0.2) BLQ (LOQ-0.0005) BLQ (LOQ-2.0	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)		
	NAAQMS Standa	rds	1.0 (24 hrs)		6.0 (annual)	-

NOTES: • Place see satermas. Organization report to commune automotion of this report. • results shall be interned to tested sample(s) and applicable to tested parameters only • Test report shall not be reproduced eccept in full without procedure approval of Anacon Late. • BLQ+ below limit of quantification , LOQ+ limit of quantification. • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

Remark: - All Results are within Limit as per NAAOMS Standards.



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### Test Report

Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Bairampur (C.G)
Type of Work-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/26022025/MON-241-EAAQ-3/64
Report No.:- Sampled by	AhlebhiRebicsenistike Mr. Kailash Chahande	Report Date:- Sample Inward Date	15/04/2025 9,16,21,28-Feb2025
Test Started On:-	9.16.21.28-Feb2025	Test Completed On:-	10.17.22.28-Feb-2025
Sampling Procedure	ANtd/7.2/Mon-01	The provide a second place of a second	

#### Ambient Air Quality-February-2025

Sr. Na.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>3</sup>	Sulphur dioxide µg/m²	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
1.	Discipline: Chemica	1	Group: Atmospheric Pollution Material or Product tested : Ambient A				nt Air
	Kutku Village/	05/02/2025	63.8	26,2	9.8	19.2	BLQ (LOQ-0.5)
		08/02/2025	69.2	27.1	10.7	15.4	BLQ (LOQ-0.5)
		12/02/2025	67.5	23.6	10.3	17.6	BLQ (LOQ-0.5)
10/2530		15/02/2025	71,2	28.6	11.1	16.8	BLQ (LOQ-0.5)
AAQ-5	Nr. V.T. Center	17/02/2025	64.4	25.4	9.8	18.6	BLQ (LOQ-0.5)
		20/02/2025	59.2	29.3	8.9	15.6	BLQ (LOQ-0.5)
		24/02/2025	66.5	24.6	9.4	17.5	BLQ (LOQ-0.5)
		27/02/2025	72.1	20.8	9.9	15.3	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>2</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As	Chromium as Cr µg /m <sup>3</sup>
	Test Method		ANti/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtt/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04
		05/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Kutku Village/	08/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-5	Nr V.T. Center	17/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	<u>a</u>	20/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standar	ds	1.0 (24 hrs)		6.0 (annual)	-

NOTES: 
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BLQ\* below limit of quantification.

LOQ\* limit of quantification.

Environmental condition - Satisfactory.

Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

Remark: - All Results are within Limit as per NAAGMS Standards.

Verified by Authorized Signatory Dhanashree Hiwanj Snehal Rau Chinmay Garway Deputy Quality Manager Sr. Technical Assistant Technical Manager ----End of Report----Page 1 Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavour

towards ensuring that your next experience will be significantly better than the current one, we welcome your heetback on feedback@anacon.in.



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## Test Report

Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/26022025/MON-241-EAAQ-3/64
Sampled by	Anacon Representative Mr. Kallash Chahards	Sample Inward Date	9.16.21.28-Feb2025
Test Started On:-	9.16.21.28-Feb2025	Test Completed On:-	10.17.22.28-Feb-2025
Sampling Procedure	ANtd/7.2/Mon-01		
		Contraction of the second s	

#### Ambient Air Quality-February-2025

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>2</sup>	Particulate Matter (PM2.5 ) µg/m <sup>2</sup>	Sulphur dioxide µg/m <sup>2</sup>	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
L	Discipline: Chemical		Group: Atmos	pheric Pollution	Material or Proc	fuct tested : Ambier	nt Air
		05/02/2025	65.3	23.9	12.2	19.2	BLQ (LOQ-0.5)
		08/02/2025	58.8	25.4	10.3	20.1	BLQ (LOQ-0.5)
- 2		12/02/2025	61.4	22.2	8.3	17.1	BLQ (LOQ-0.5)
10 2012/2013		15/02/2025	70.1	24.7	8.7	14.7	BLQ (LOQ-0.5)
AAQ-6	Sairaidh Campus	17/02/2025	67.5	23.5	9.1	15.8	BLQ (LOQ-0.5)
		20/02/2025	62.1	27.4	9.9	17.1	BLQ (LOQ-0.5)
		24/02/2025	65.1	25:4	11.2	18.1	BLQ (LOQ-0.5)
		27/02/2025	70.6	28.6	9.9	15.3	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>2</sup>	Chromium as Cr µg /m <sup>3</sup>
	Test Method	§	ANh/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04	ANtr/7 2/RES- INORG/04
		05/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	2.1.0012	08/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15/02/2025	BLQ (LOQ-0.2)	8LQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-6	Sairaidh Campus	17/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	-	27/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
4	NAAQMS Standa	irds	1.0 (24 hrs)		6.0 (annual)	

NOTES: 
Please see watermark 'Original Test Report' to confirm the authenticity of this report.
Results shall be referred to tested sample(s) and applicable to tested parameters only.
Test report shall
not be restoraced except in full without price written approval of Anticon Labs.
BLC= below limit of quantification.
LOQ= limit of quantification.
Environmental condition.
Satisfactory.
Statement of conformity insued on the basis of decision rule as per quality procedure (OP/7.0/06).

Remark: - All Results are within Limit as per NAAQMS Standards.

Verified by Snehal Raut **Technical Manager** 

Dhanashree Hiwanj Sr. Technical Assistant

----End of Report----





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### Test Report

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#### Ambient Air Quality-February-2025

Report N	NO/2+	ALPL/	15042025/3-16	Report Date:-			15/04/202	5
Issued to	0.14	M/s Hindaic	o Industries Limited	Address:-			Tatijharia, Post Tehsil Samri(K District, Balramp	usmi),
Type of	Work:-		ent Air Quality ore Zone)	Sample Inwar	d No.	AL	PL/26022025/MON-2	the second s
Sampled	i by		Representative lash Chahande	Sample Inwar	d Date	9.16.21	9.16.21.28-Feb2025	
- Andrew Country	rted On:- g Procedure	9,16,21,28-Feb2025 ANtd/7.2/Mon-01		Test Complete	od On:-	10,17,2	2.28-Feb-2025	
Sr. No.	LOCATIO	N Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5) µg/m <sup>3</sup>	Sulp diox µg/	ide	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m <sup>2</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182	Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10
١.	Discipline: Ch	iemical	Group: Atmos	spheric Pollution	Materia	l or Proc	luct tested : Ambier	nt Air
		05/02/2025	61.3	23.6	10	3	17.5	BLQ (LOQ-0.5)
		08/02/2025	66.1	22.2	8.	1	18.6	BLQ (LOQ-0.5)
		12/02/2025	63.4	24.6	9 :	5	19.2	BLQ (LOQ-0.5)
19222	Dumerkho	15/02/2025	57.1	27.1	9.3	2	15.8	BLQ (LOQ-0.5)
AAQ-7	Nr. Mining A	trea 17/02/2025	61.7	23.5	9.4	4	18.6	BLQ (LOQ-0.5)
		20/02/2025	66.9	26.2	8	1	17.3	BLQ (LOQ-0.5)
			24/02/2025	70.3	22.6	8.9	9	15.3
		27/02/2025	61.8	24.6	9.	4	17.1	BLQ (LOQ-0.5)
	NAAQMS SI	andards	100 (24 hrs)	60 (24 hrs)	80 (24	hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>2</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>a</sup>
	Test Method		ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04	ANtr/7 2/RES- INORG/04	ANtr/7.2/RES- INORG/04
		05/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		08/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Dumerkholi/	12/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-7	Nr. Mining Area	17/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standar	ds	1.0 (24 hrs)		6.0 (annual)	3444

Remark: - All Results are within Limit as per NAAQMS Standards.



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### Test Report

Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijbaria, Post Jamira, Tehsil Samn(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/25022025/MON-241-EAAQ-3/54
Sampled by	Anacon Representative Mr. Kailash Chahande	Sample Inward Date	9.16.21.28-Feb2025
Test Started On:-	9,16,21,28-Feb2025	Test Completed On:-	10,17,22,28-Feb-2025
Sampling Procedure	ANtd/7.2/Mon-01		

#### Ambient Air Quality-February-2025

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>2</sup>	Particulate Matter (PM2.5.) µg/m <sup>3</sup>	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m <sup>s</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
1.	Discipline: Chemica	1	Group: Atmos	spheric Pollution	Material or Proc	Juct tested : Ambier	nt Air
•		05/02/2025	63.8	26.2	9.8	19.2	BLQ (LOQ-0.5)
		08/02/2025	69.2	27.1	10.7	15.4	BLQ (LOQ-0.5)
		12/02/2025	67.5	23.6	10.3	17.5	BLQ (LOQ-0.5)
	Dhandlapat/	15/02/2025	71,2	28.6	11.1	16.8	BLQ (LOQ-0.5)
AAQ-8	Nr. Mining Area	17/02/2025	64.4	25.4	9.8	18.6	BLQ (LOQ-0.5)
		20/02/2025	59.2	29.3	8.9	15.6	BLQ (LOQ-0.5)
		24/02/2025	66.5	24.6	9.4	17.5	BLQ (LOQ-0.5)
		27/02/2025	72.1	20.8	9.9	15.3	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>®</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>3</sup>
	Test Method			ANtr/7_2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04
		05/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		08/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2 0)	BLQ (LOQ-0.03)
	Chandiapat/ Nr. Mining Area	12/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-8		17/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
S		24/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standa	rds	1.0 (24 hrs)		6.0 (annual)	

NOTES: 
Flease see withinmark "Original Test Report to continuitly of this report.
Flease shall be referred to tested sample(s) and applicable to tested parameters only
Test report shall
not be reproduced supply in full without plot written approval of Anacon Labs.
BLQ= below limit of quantification.
LOQ= limit of quantification.
Environmental condition – Satisfactory.
Statement of conformity insued on the basis of decision rule as per quality procedure (QP/7.8/05).

Remark: - All Results are within Limit as per NAAQMS Standards.



**Dhanashree Hiwani** Sr. Technical Assistant

----End of Report----





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Test Report

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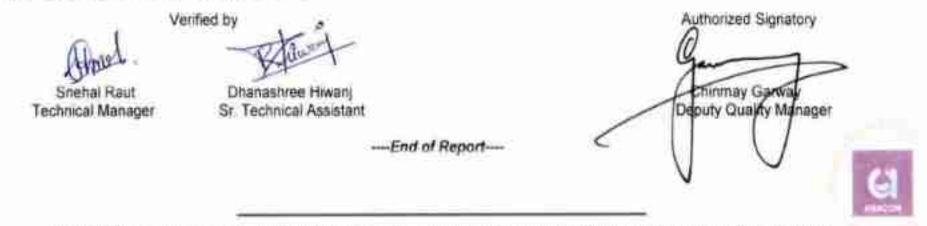
#### Ambient Air Quality-January-2025

Report No.:-	ALPL/15042025/3-1	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/25012025/MON-241-EAAQ-3/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	7.14,21,28-Jan-2025
Test Started On:-	7,14,21,28-Jan-2025	Test Completed On:-	8,15,22,29-Jan-2025
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5) µg/m <sup>3</sup>	Sulphur dioxide µg/m <sup>5</sup>	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part- 6)	IS:5182 (Part-10)
L	Discipline: Chemical		Group: Atmos	pheric Pollution	Material or Prod	luct tested : Ambi	ent Air
		02/01/2025	62.8	28.1	14.8	27.7	BLQ (LOQ-0.5)
		06/01/2025	66.9	25.9	13.8	24,7	BLQ (LOQ-0.5)
		09/01/2025	64.5	33.2	15.6	21.5	BLQ (LOQ-0.5)
	Tatijhana Village/	13/01/2025	66.7	34.3	16.2	23.4	BLQ (LOQ-0.5)
AAQ-1	Nr.Weigh Bridge	16/01/2025	71.2	31.8	13.1	26.8	BLQ (LOQ-0.5)
		20/01/2025	64.9	29.6	14.2	24.7	BLQ (LOQ-0.5)
		23/01/2025	57.6	25.9	15.2	31.4	BLQ (LOQ-0.5)
		27/01/2025	67.5	30.4	15.8	25.9	BLQ (LOQ-0.5)
	NAAOMS Standard	5	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>2</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>2</sup>	Chromium as Cr µg /m <sup>3</sup>
	Test Method		ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04
		02/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLO (LOQ-2.0)	BLQ (LOQ-0.03)
		09/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Tatijhana Village/	13/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-1	Nr.Weigh Bridge	16/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
- R		23/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standa	rds	1.0 (24 hrs)		6.0 (annual)	

Remark: - All Results are within Limit as per NAAOMS Standards.



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Test Report

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#### Ambient Air Quality-January-2025

Report No.:-	ALPL/15042025/3-2	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Belrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/25012025/MON-241-EAAQ-3/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	7,14,21,28-Jan-2025
Test Started On:-	7,14,21,28-Jan-2025	Test Completed On:-	8,15,22,29-Jan-2025
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>9</sup>	Particulate Matter (PM2.5) µg/m <sup>3</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part- 6)	IS:5182 (Part-10)
6	Discipline: Chemical	1	Group: Atmos	pheric Pollution	Material or Prod	uct tested : Ambi	ent Air
		02/01/2025	70.2	35.3	17:1	26.8	BLQ (LOQ-0.5)
		06/01/2025	72.6	30.4	15.6	22.9	BLQ (LOQ-0.5)
		09/01/2025	68.4	31.3	16.6	26.8	BLQ (LOQ-0.5)
	Plprapat/	13/01/2025	72.1	33.9	15.2	24.4	BLQ (LOQ-0.5)
AAQ-2	Nr Mining Area	16/01/2025	75.9	36.2	16.2	25.9	BLQ (LOQ-0.5)
		20/01/2025	71.2	30,9	14.8	27.8	BLQ (LOQ-0.5)
		23/01/2025	67.7	32.6	15.8	24.7	BLQ (LOQ-0.5)
		27/01/2025	72.6	37.5	16.2	22.9	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>2</sup>	Arsenic as As ng /m <sup>2</sup>	Chromium as Cr µg /m <sup>2</sup>	
Test Method			ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANII/7.2/RES- INORG/04	ANtt/7.2/RES- INORG/04	
		02/01/2025	BLQ (LOQ-0.2)	8LQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		06/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	Piprapat/ Nr: Mining Area	09/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
12/12/20		Pinranat/	13/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-2		16/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
-		20/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		23/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		27/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	NAAQMS Standa	rds	1.0 (24 hrs)		6.0 (annual)	-	

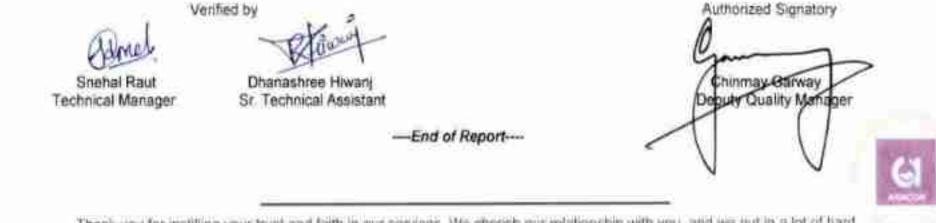
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BLO+ below finit of quantification. 

Environmental condition – Saturfactory.

Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/06).

Remark: - All Results are within Limit as per NAAQMS Standards



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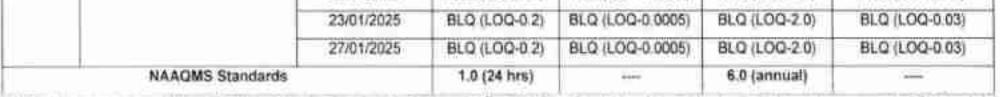
Ambiant Air Ouslity, Issuance 2025

Page 1 of 1

Report No .:-	ALPL/15042025/3-3	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C G)
Type of Work-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/25012025/MON-241-EAAO-3/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	7.14.21.28-Jan-2025
Test Started On:-	7,14,21,28-Jan-2025	Test Completed On:-	8,15,22,29-Jan-2025
Sampling Procedure	ANtd/7 2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>3</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
1.	Discipline: Chemica	tl.	Group: Atmos	pheric Pollution	Material or Proc	luct tested : Ambier	nt Air
		02/01/2025	74.7	31.8	14.2	28.8	BLQ (LOQ-0.5)
		06/01/2025	70.6	34.1	13.3	30.1	BLQ (LOQ-0.5)
		09/01/2025	73.6	35.3	15.1	28.7	BLQ (LOQ-0.5)
		13/01/2025	72.1	28.6	14.7	26.8	BLQ (LOQ-0.5)
AAQ-3	Virhorepat	16/01/2025	80.3	37.1	16,6	24.9	BLQ (LOQ-0.5)
		20/01/2025	71.7	30.5	16.1	27.8	BLQ (LOQ-0.5)
		23/01/2025	75.6	33,1	13.4	25.4	BLQ (LOQ-0.5)
		27/01/2025	72.4	27.6	14.8	24.3	BLQ (LOQ-0.5)
	NAAQMS Standar	rds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>2</sup>	Chromium as Cr µg /m <sup>3</sup>
Test Method			ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04	ANtr/7.2/RES- INORG/04
		02/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-3		13/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Virborepat	16/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)



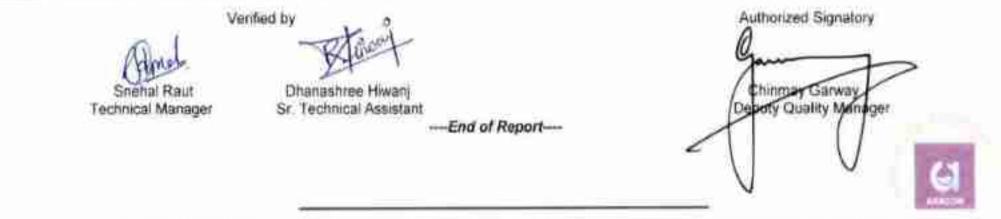
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 BLQ+ below limit of quantification. 
 LOQ+ limit of quantification.

 Environmental condition - Satisfactory.

 Statement of conformity insued on the basis of decision rule as per quality procedure (OP/7 M05).

Remark: - All Results are within Limit as per NAAGMS Standards.



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#### Ambient Air Quality-January-2025

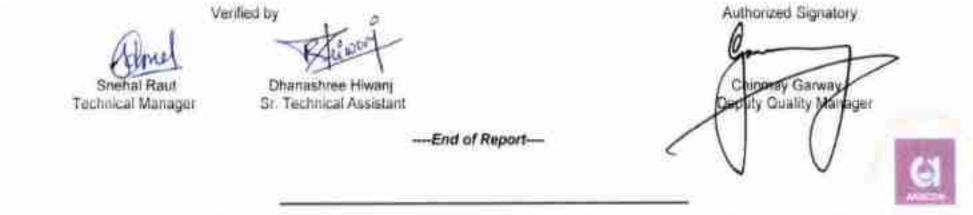
Report No.:-	ALPL/15042025/3-4	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Bairampur (C G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/25012025/MON-241-EAAQ-3/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	7,14,21,28-Jan-2025
Test Started On:-	7,14,21,28-Jan-2025	Test Completed On:-	8,15,22,29-Jan-2025
Sampling Procedure	ANtd/7.2/Mon-01	The contract of the contract o	

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>3</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m <sup>8</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
2	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS 5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
k.	Discipline: Chemica	1	Group: Atmos	pheric Pollution	Material or Proc	luct tested : Ambier	nt Air
		02/01/2025	59.1	23.7	8.9	17.8	BLQ (LOQ-0.5)
		06/01/2025	55.8	21.8	11.2	20.3	BLQ (LOQ-0.5)
		09/01/2025	53.8	19.6	9.6	15.2	BLQ (LOQ-0.5)
		13/01/2025	50.9	17.6	11.3	19.4	BLQ (LOQ-0.5)
AAQ-4	Klunpat	16/01/2025	55.5	20.8	10.5	16.9	BLQ (LOQ-0.5)
		20/01/2025	58.1	22.2	8.6	17.9	BLQ (LOQ-0.5)
		23/01/2025	56.4	23.1	10.7	14.8	BLQ (LOQ-0.5)
		27/01/2025	61.5	24.3	93	18.4	BLQ (LOQ-0.5)
	NAAQMS Standar	rds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg/m <sup>3</sup>	Mercury as Hg µg /m <sup>2</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>3</sup>
Test Method			ANtr/7 2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04
		02/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-2.9)	BLQ (LOQ-0.03)
3.946-2		13/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-4	Khinpat	16/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	-	6.0 (annual)	atta (
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NOTES. 
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BLO= below timit of quantification.
LOG= timit of quantification.
Environmental condition - Satisfactory.
Statement of conformity issued on the basis of decision rule as per quality procedure (GP/T 8/05).

Remark: - All Results are within Limit as per NAAQM5 Standards.



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#### Ambient Air Quality-January-2025

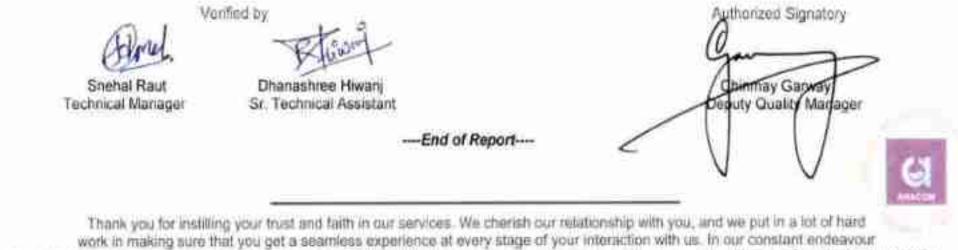
Report No.:-	ALPL/15042025/3-5	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/25012025/MON-241-EAAQ-3/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9,16,23,30-Jan-2025
Test Started On:-	9,16,23,30-Jan-2025	Test Completed On:-	10,17,24,31-Jan-2025
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>3</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method	<u></u>	IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS 5182 (Part-6)	15:5182 (Part-10)
ï.	Discipline: Chemical		Group: Atmos	pheric Pollution	Material or Proc	luct tested : Ambie	nt Air
		04/01/2025	65.2	25.6	8.7	20.6	BLQ (LOQ-0.5)
		28/01/2025	60.1	22.7	9,1	19/1	BLQ (LOQ-0.5)
		11/01/2025	67.2	23.8	8.2	15.2	BLQ (LOQ-0.5)
19. Ave. 19	Kutku Village/	15/01/2025	62.9	20.5	8.5	16.7	BLQ (LOQ-0.5)
AAQ-5	Ter V. F. Cetimer	18/01/2025	68,7	25.6	9.3	18,4	BLQ (LOQ-0.5)
		22/01/2025	57.6	20.8	8.8	17.1	BLQ (LOQ-0.5)
		25/01/2025	54.7	22.1	8.6	19,1	BLQ (LOQ-0.5)
		29/01/2025	51.4	17,9	8.9	15.2	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>3</sup>	
Test Method			ANtr/7 2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtri7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	
		04/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		28/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	Kotku Village/		11/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
there		15/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
AAQ-5	Nr. V T. Center	18/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		22/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		25/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		29/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
NAAQMS Standards			1.0 (24 hrs)		6.0 (annual)	-	
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NOTES: 
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Hesuits analise referred to tested samples) and applicable to tested parameters prove of Test report shall not be reproduced samples) and applicable to tested parameters prove of Anacon Labs.
BLG\* below limit of quantification.
CDG\* limit of quantification.
Environmental condition - Satisfactory.
Statement of conformity issued on the basis of decision rule as per quality procedure (GP/7.8/06).

Remark: - All Results are within Limit as per NAAGMS Standards.



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#### Ambient Air Quality-January-2025

Report No	ALPL/15042025/3-6	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/25012025/MON-241-EAAQ-3/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9,16.23,30-Jan-2025
Test Started On:-	9,16,23,30-Jan-2025	Test Completed On:-	10,17,24,31-Jan-2025
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>2</sup>	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>2</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5152(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
Е.	Discipline: Chemical		Group: Atmos	pheric Pollution	Material or Proc	luct tested : Ambier	nt Air
		04/01/2025	57.5	19.8	10.7	17.4	BLQ (LOQ-0.5)
		28/01/2025	63.3	21.7	9.9	19.8	BLQ (LOQ-0.5)
		11/01/2025	59.1	24.9	8.2	21.5	BLQ (LOQ-0.5)
1.		15/01/2025	\$5.5	20.5	8.8	19.4	BLQ (LOQ-0.5)
AAQ-6	Saraidh Campus	18/01/2025	62.3	22.7	8.4	17.3	BLQ (LOQ-0.5)
		22/01/2025	56.4	21.2	7.9	19.2	BLQ (LOQ-0.5)
		25/01/2025	60.2	23.5	9.6	18.4	BLQ (LOQ-0.5)
		29/01/2025	63.7	25.4	8.4	20.8	BLQ (LOQ-0.5)
	NAAQMS Standard	ts	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>2</sup>	Chromium as Cr µg /m <sup>2</sup>
Test Method		ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04	ANtr/7 2/RES- INORG/04	ANII/7.2/RES- INORG/04	
		04/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	8LQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-6		15/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Sarraidh Campus	18/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)





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Test Report

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#### Ambient Air Quality-January-2025

Report No.:-	ALPL/15042025/3-8	Report Date:-	15/04/2025
issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/25012025/MON-241-EAAQ-3/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9,16.23.30-Jan-2025
Test Started On:-	9,16.23,30-Jan-2025	Test Completed On:-	10,17,24,31-Jan-2025
Sampling Procedure	ANtd/7 2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>3</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS 5182(Part-2)	IS:5162 (Part-6)	IS:5182 (Part-10)
١,	Discipline: Chemical		Group: Atmos	spheric Pollution	Material or Proc	fuct tested : Ambier	nt Air
		04/01/2025	55.5	21.2	9.5	15:8	BLQ (LOQ-0.5)
		28/01/2025	59,9	24.7	8.6	14.2	BLO (LOQ-0.5)
		11/01/2025	61.2	25.1	9.1	15.6	BLQ (LOQ-0.5)
1.0-01.05	Dhandispatr	15/01/2025	58.1	20.5	8.3	16.2	BLQ (LOQ-0.5)
AAQ-7	Nr. Mining Area	18/01/2025	54.4	17.8	9.5	13.7	BLQ (LOQ-0.5)
		22/01/2025	57.1	20.6	72	15.7	BLQ (LOQ-0.5)
		25/01/2025	53.3	17.2	7.9	14.4	BLQ (LOQ-0.5)
		29/01/2025	48.6	16.4	8.3	18.4	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>2</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>3</sup>
Test Method			ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04
		04/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
-	Dhandiapatr	11/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-7	Nr. Mining Area	18/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
1		22/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-6.03)
		25/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29/01/2025	BLQ (LOQ-0.2)	BLQ (I,OQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standar	da	1.0 (24 hrs)	++++	6.0 (annual)	Annual Control of Cont

NOTES. 

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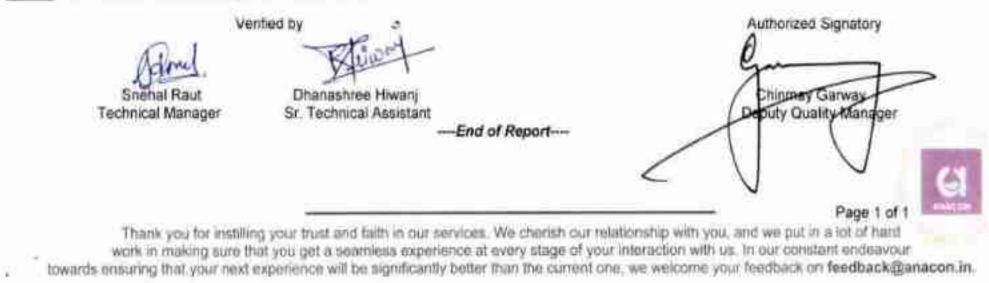
BLQ= below limit of quantification.

LOQ= limit of quantification.

Environmental condition - Satisfactory.

Statement of confinently leaved on the basis of decision rule as per quality procedure (QP/7.8/05).

Remark: - All Results are within Limit as per NAAOMS Standards.





## Anacon Laboratories

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### Test Report

Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/25012025/MON-241-EAAQ-3/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9,16,23,30-Jan-2025
Test Started On:-	9.16.23.30-Jan-2025	Test Completed On:-	10,17,24,31-Jan-2025
Sampling Procedure	ANtd/7.2/Mon-01		

#### Ambient Air Quality-January-2025

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>2</sup>	Sulphur dioxide µg/m²	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>2</sup>
- 0	Test Method		IS 5162 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
• 1	Discipline: Chemica	1	Group: Atmos	pheric Pollution	Material or Proc	luct tested : Ambier	nt Air
		04/01/2025	54.8	21.4	8.7	16.2	BLQ (LOQ-0.5)
		8/01/2025	59.9	24.5	9.5	17.2	BLQ (LOQ-0.5)
		11/01/2025	57.8	20.5	7.6	15.7	BLQ (LOQ-0.5)
ava.	Domerkboli	15/01/2025	61.2	22.3	9.3	14.7	BLQ (LOQ-0.5)
AAQ-8	Nr. Mining Area	18/01/2025	56.2	20.3	8.7	16.2	BLQ (LOQ-0.5)
		22/01/2025	62.5	24.7	7.2	15.8	BLQ (LOQ-0.5)
		25/01/2025	58.6	20.7	7.6	15.1	BLQ (LOQ-0.5)
		29/01/2025	55.5	17.7	8.7	14.4	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>2</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>2</sup>
Test Method			ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANItr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04
		04/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Dumerkholi/ Nr. Mining Area	11/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-8		18/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
-		22/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standa	rds	1.0 (24 hrs)		6.0 (annual)	100

NOTES: 
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BLQ= below limit of quantification.

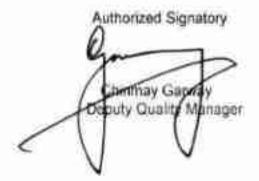
Environmental condition – Satisfactory.

Statement of conformity issued on the basis of decision rule as per quality procedure (QP17.8/06).

Remark: - All Results are within Limit as per NAAOMS Standards.

Venfied by Dhanashree Hiwani **Technical Manager** Sr. Technical Assistant

----End of Report----





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Test Report

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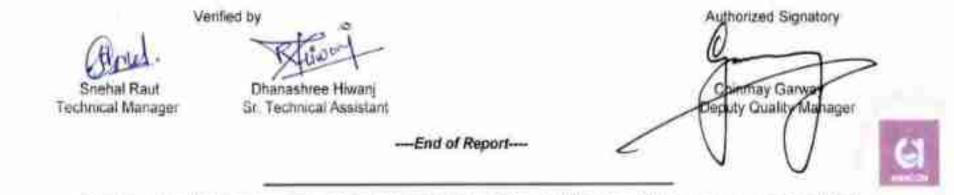
Report No.:-	ALPL/15042025/3-17	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/31032025/MON-241-EAAQ-3/54
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	8,14,22,29-Mar-2025
Test Started On:-	8,14,22,29-Mar-2025	Test Completed On:-	9,15,23,30-Mar-2025
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>3</sup>	Sulphur dioxide µg/m²	Oxides of Nitrogen µg/m <sup>2</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS 5182 (Part-6)	IS:5182 (Part-10)
1.	Discipline: Chemical		Group: Atmos	pheric Pollution	Material or Proc	fuct tested : Ambier	nt Air
		03/03/2025	68.0	26.2	11.8	16.7	BLQ (LOQ-0.5)
		07/03/2025	52.5	23.1	12.0	15.6	BLQ (LOQ-0.5)
		10/03/2025	62.7	24.4	9.9	20.2	BLQ (LOQ-0.5)
1.20	Tatiitaria Villadel	13/03/2025	68.9	25.6	9.2	17.7	BLQ (LOQ-0.5)
AAQ-1	Nr Weigh Bridge	17/03/2025	64.8	27.6	11.1	19.6	BLQ (LOQ-0.5)
		21/03/2025	56.2	23.7	10.9	16.9	BLQ (LOQ-0.5)
		24/03/2025	67.8	26,8	8.3	17.3	BLQ (LOQ-0.5)
		28/03/2025	53.2	22.3	6.9	16.5	BLQ (LOQ-0.5)
	NAAQMS Standard	ís	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m²	Arsenic as As ng /m <sup>1</sup>	Chromium as Cr µg /m <sup>3</sup>
Test Method			ANII/7 2/RES- INORG/04	ANU/7 2/RES- INORG/04	ANtr/7 2/RES- INORG/04	ANtr/7 2/RES- INORG/04
		03/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Tatijhana Village/ Nr Weigh Bridge	10/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (1.0Q-2.0)	BLQ (LOQ-0.03)
		13/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-1		17/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standar	rds	1.0 (24 hrs)		6.0 (annual)	

NOTES: 
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BLG+ below limit of quantification.
LOG+ limit of quantification.
Environmental condition - Satisfactory.
Statement of conformity issued on the basis of decision rule as per quality procedure (QP(7.8/05).

Remark: - All Results are within Limit as per NAAQMS Standards.



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## Test Report

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Ambient Air C	uality-March-2025
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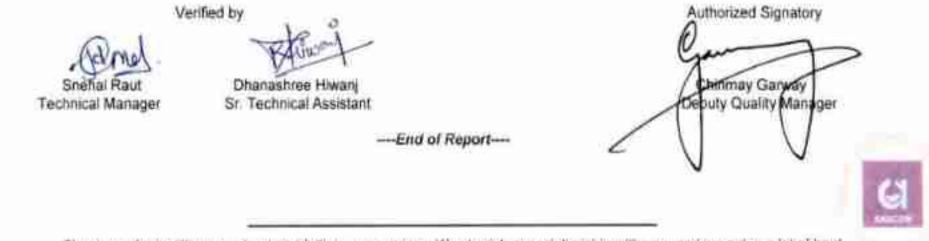
Report No .:-	ALPL/15042025/3-18	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samn(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/31032025/MON-241-EAAQ-3/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	8,14,22,20-Mar-2025
Test Started On:-	8,14,22,29-Mar-2025	Test Completed On:-	9.15,23,30-Mar-2025
Sampling Procedure	ANtd/7 2/Mon-01	Intercontraction of the Social Addition	

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>3</sup>	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
E	Discipline: Chemical	í	Group: Atmos	phene Pollution	Material or Proc	Suct tested : Ambier	nt Air
		03/03/2025	64.1	28.0	5.9	15.2	BLQ (LOQ-0.5)
		07/03/2025	57.4	22.5	7.7	13.3	BLQ (LOQ-0.5)
		10/03/2025	52.9	20.5	10.7	12.8	BLQ (LOQ-0.5)
	Piprapat/	13/03/2025	55.8	23.3	8.9	14.4	BLQ (LOQ-0.5)
AAQ-2	Nr. Mining Area	17/03/2025	49.4	20.8	7,7	14.2	BLQ (LOQ-0.5)
		21/03/2025	51.9	21.2	10.7	15.3	BLQ (LOQ-0.5)
		24/03/2025	55.8	24.3	8.9	14.4	BLQ (LOQ-0.5)
		28/03/2025	47.3	21.7	6.7	16.6	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>2</sup>	Chromium as Cr µg /m <sup>1</sup>
Test Method			ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtt/7.2/RES- INORG/04
		03/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Piprapat/ Nr. Mining Area	10/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
110-21-21		13/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-2		17/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
2		21/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standa	rds	1.0 (24 hrs)		6.0 (annual)	

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Remark: - All Results are within Limit as per NAAQMS Standards.



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Test Report

Ambient Air Quality-March-2025

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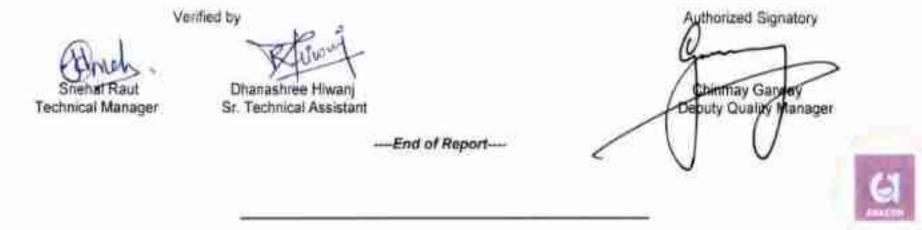
Report No :-	ALPI./15042025/3-19	Report Date:-	15/04/2025		
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)		
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/31032025/MON-241-EAAQ-3/64		
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	8.14.22.29-Mar-2025		
Test Started On:-	8,14,22,29-Mar-2025	Test Completed On:-	9,15,23,30-Mar-2025		
Sampling Procedure	ANtd/7.2/Mon-01				

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m²	Particulate Matter (PM2.5 ) µg/m <sup>2</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS-5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
L.	Discipline: Chemica	d.	Group: Atmos	spheric Pollution	Material or Proc	fuct tested : Ambier	nt Air
		03/03/2025	59.2	29.0	7.9	15.0	BLQ (LOQ-0.5)
		07/03/2025	54.6	25.2	10.0	13.6	BLQ (LOQ-0.5)
		10/03/2025	60.3	24.5	10.3	15.6	BLQ (LOQ-0.5)
		13/03/2025	69.4	26.1	5.4	16.8	BLQ (LOQ-0.5)
AAQ-3	Vahorepat	17/03/2025	55,3	23.7	5.5	17.5	BLQ (LOQ-0.5)
		21/03/2025	48.4	21.2	7,0	18.7	BLQ (LOQ-0.5)
		24/03/2025	56.2	27.2	6.6	19.5	BLQ (LOQ-0.5)
		28/03/2025	62.5	22.8	8.8	15.0	BLQ (LOQ-0.5)
	NAAQMS Standar	rds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>2</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>3</sup>
Test Method			ANtr/7_2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04	ANtr/7.2/RES- INORG/04
		03/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Virtiorepat	10/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-3		17/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
182		21/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24/03/2025	BLQ (LOQ-0.2)	BLO (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standa	rds	1.0 (24 hrs)		6.0 (annual)	- ++++

NOTES • Passes are entropy Text Report to codum the authoriticity of this specifie shall be referred to texted surgers of and applicable to texted parameters only • Text specification of the reproduced exception 1.5 ethods provide a condition - Satisfactory • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7 8/05).

Remark: - All Results are within Limit as per NAAQMS Standards.



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Test Report

Page 1 of 1

Ambient	Air	Qualit	y-March-2025	
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Report No.:-	ALPL/15042025/3-20	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/31032025/MON-241-EAAQ-3/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	8,14,22,29-Mar-2025
Test Started On:-	8.14.22.29-Mar-2025	Test Completed On:-	9,15,23.30-Mar-2025
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>3</sup>	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m <sup>*</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
10	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS 5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
J.	Discipline: Chemica	ıl	Group: Atmos	pheric Pollution	Material or Proc	fuct tested : Ambier	nt Air
		03/03/2025	64.8	25.7	10.2	17.1	BLQ (LOQ-0.5)
		07/03/2025	55.2	23.6	8,5	21.6	BLQ (LOQ-0.5)
		10/03/2025	50.6	26.8	112	24.8	BLQ (LOQ-0.5)
aver more t	144104-001	13/03/2025	67.4	29.7	9.5	21.2	BLQ (LOQ-0.5)
AAQ-4	Khinpat	17/03/2025	62.2	24.4	8.2	17.9	BLQ (LOQ-0.5)
		21/03/2025	082	25.2	9,3	18.2	BLQ (LOQ-0.5)
		24/03/2025	76.8	741	10.5	16,9	BLQ (LOO-0.5)
		28/03/2025	616	23,8	9,9	20.2	BLQ (LOQ-0.5)
	NAAQMS Standa	rds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>1</sup>	Mercury as Hg µg /m <sup>2</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>2</sup>
Test Method		ANtt/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANItr/7 2/RES- INORG/04	
		03/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-4	Khinpat	17/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	28/03	28/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standa	rds	1.0 (24 hrs)	- 404m.	6.0 (annual)	in the second

NOTES • Preserve extension Chapter Fed Report to confirm the authoriticity of this record • Results shall be referred to section and applicable to letter parameters only • Test appoint shall not condition • Test appoint shall be referred to the section of quantification. • Environmental condition - Satisfactory • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.0/05).

Remark: - All Results are within Limit as per NAAQMS Standards.



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## Test Report

Page 1 of 1

#### Ambient Air Quality-March-2025

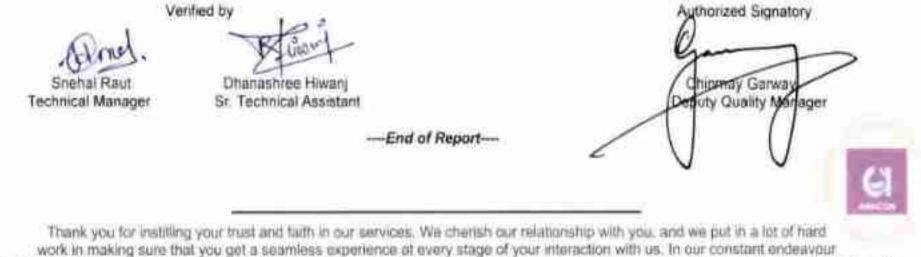
Report No.:-	ALPL/15042025/3-21	Report Date:-	15/04/2025
issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/31032025/MON-241-EAAQ-3/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9.16.23.30-Mar-2025
Test Started On:-	9.16.23.30-Mar-2025	Test Completed On:-	10.17.24.31-Mar-2025
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5) µg/m <sup>3</sup>	Sulphur dioxide µg/m²	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>2</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
J.	Discipline: Chemica	U.	Group: Atmos	spheric Pollution	Material or Proc	fuct tested : Ambier	nt Air
		04/03/2025	7L1	30.5	9.2	21.6	BLQ (LOQ-0.5)
		08/03/2025	60.8	25.6	11.2	19.7	BLQ (LOQ-0.5)
		11/03/2025	67.3	343	12.3	22.5	BLQ (LOQ-0.5)
AAQ-5	Kirtku Village/	15/03/2025	73,4	26.3	10.8	21.1	BLQ (LOQ-0.5)
	N: VI Center	18/03/2025	38.2	22.6	10.1	20.8	BLQ (LOQ-0.5)
		22/03/2025	53.4	26.2	14.7	22.4	BLQ (LOQ-0.5)
		25/03/2025	70.2	28.7	9,8	19.5	BLQ (LOQ-0.5)
		29/03/2025	615	33.3	10.8	18.0	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr ug /m <sup>3</sup>
Test Method		ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04
	04/03/2025	BLQ (LOQ-0 2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	08/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	11/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
Kutku Village/	15/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
Nr V.T. Center	18/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	22/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	25/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	29/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standa	rds	1.0 (24 hrs)		6.0 (annual)	
	Test Method Kutku Village/ Nr V T. Center	Kutku Village/         15/03/2025           Nr V T. Center         18/03/2025           22/03/2025         22/03/2025	Test Method         µg /m³           Nr VT. Center         04/03/2025         BLQ (LOQ-0.2)           11/03/2025         BLQ (LOQ-0.2)           12/03/2025         BLQ (LOQ-0.2)           22/03/2025         BLQ (LOQ-0.2)           25/03/2025         BLQ (LOQ-0.2)           25/03/2025         BLQ (LOQ-0.2)           29/03/2025         BLQ (LOQ-0.2)	Local Hold         pg /m³         pg /m³           Test Method         ANttr/7_2/RES- INORG/04         ANttr/7_2/RES- INORG/04         ANttr/7_2/RES- INORG/04           04/03/2025         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)           08/03/2025         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)           11/03/2025         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)           12/03/2025         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)           22/03/2025         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)           25/03/2025         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)           25/03/2025         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)           29/03/2025         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)	Visite of sampling         µg /m³         µg /m³         ng /m³           Test Method         ANtr/7 2/RES- INORG/04         ANtr/7 2/RES- INORG/04         ANtr/7 2/RES- INORG/04         ANtr/7 2/RES- INORG/04           04/03/2025         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)         BLQ (LOQ-2.0)           08/03/2025         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)         BLQ (LOQ-2.0)           11/03/2025         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)         BLQ (LOQ-2.0)           22/03/2025         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)         BLQ (LOQ-2.0)           22/03/2025         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)         BLQ (LOQ-2.0)           25/03/2025         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)         BLQ (LOQ-2.0)           29/03/2025         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)         BLQ (LOQ-2.0)

NOTES: 
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BLO= below limit of quantification.
LOO= limit of quantification.
Environmental condition - Satisfactory.
Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.6/05).

Remark: - All Results are within Limit as per NAAQMS Standards.



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Test Report

Page 1 of 1

Ambient Air Qualit	y-March-2025
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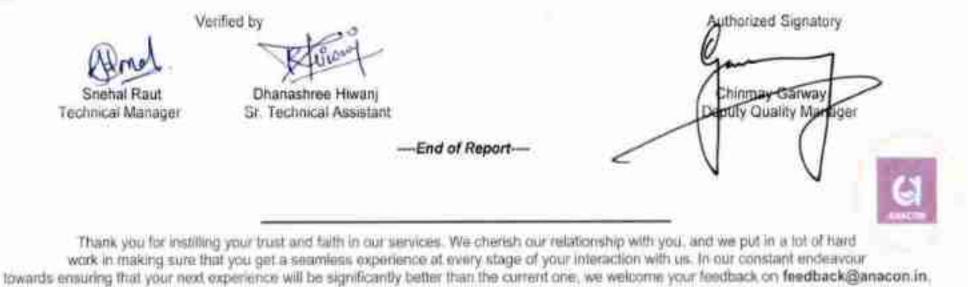
Report No.:-	ALPL/15042025/3-22	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/31032025/MON-241-EAAQ-3/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9.16.23.30-Mar-2025
Test Started On:-	9,16,23,30-Mar-2025	Test Completed On:-	10.17.24.31-Mar-2025
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>3</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m <sup>2</sup>	Carbon Monoxide (as CO) mg/m <sup>2</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
k	Discipline: Chemical		Group: Atmos	spheric Pollution	Material or Proc	fuct tested : Ambier	nt Air
		04/03/2025	62.6	28,5	9.5	17.7	BLQ (LOQ-0.5)
		08/03/2025	67.1	22.5	10.1	16,8	BLQ (LOQ-0.5)
		11/03/2025	61.4	24.8	8.8	18.3	BLQ (LOQ-0.5)
or o as ward	Commission of	15/03/2025	74,2	79.4	10.0	15.5	BLQ (LOQ-0.5)
AAQ-6	Nr. Mining Area	16/03/2025	692.5	33.2	6.5	20.5	BLQ (LOQ-0.5)
		22/03/2025	-567	28.2	10.8	17.3	BLQ (LOQ-0.5)
		25/03/2025	63,5	27.4	9.7	19.5	BLQ (LOQ-0.5)
		29/03/2025	200,5	<u>196</u> 1	1913	2122	BLO (LOQ-0.5)
	NAAQMS Standar	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng im <sup>3</sup>	Chromium as Cr µg /m <sup>3</sup>
Test Method			ANtr/7 2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7_2/RES- INORG/04	ANtr/7 2/RES- INORG/04
		04/03/2025	BLO (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		08/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
			11/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)
Dhandiapati	15/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
AAQ-6	Nr. Mining Area	18/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
2		22/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standa	rdis	1.0 (24 hrs)	3444 C	6.0 (annual)	

NOTES: 
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BLO= below limit of quantification , LOG= limit of quantification.
Environmental condition – Satisfactory.
Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.5/06).

Remark: - All Results are within Limit as per NAAOMS Standards.







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Test Report

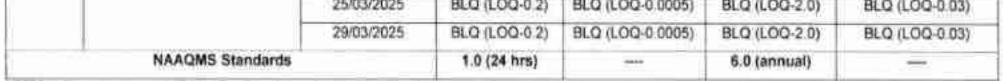
Page 1 of 1

Ambient Air Qua	lity-March-2025
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Report No.:-	ALPL/15042025/3-23	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi) District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/31032025/MON-241-EAAQ-3/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9,16,23,30-Mar-2025
Test Started On:-	9.16.23.30-Mar-2025	Test Completed On:-	10,17,24,31-Mar-2025
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>2</sup>	Particulate Matter (PM2.5 ) µg/m <sup>3</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
(b)	Discipline: Chemical		Group: Atmospheric Pollution		Material or Product tested : Ambient Air		
		04/03/2025	60.5	27.9	9.1	23.2	BLQ (LOQ-0.5)
		08/03/2025	64.7	29.2	9.7	22.8	BLQ (LOQ-0.5)
		11/03/2025	68.1	29.4	TG.4	21.4	BLQ (LOQ-0.5)
	Dumashali	15/03/2025	59.6	27.4	43.43	21.3	BLQ (LOQ-0.5)
AAQ-7	Nr. Mining Area	18/03/2025	54.2	25.2	9.2	19.8	BLQ (LOQ-0.5)
		22/03/2025	53,4	19.8	8,2	15.7	BLQ (LOQ-0.5)
		25/03/2025	39.6	22.0	.9.9	17.1	BLQ (LOQ-0.5)
		29/03/2025	54.5	18.5	8.4	15.0	BLQ (LOQ-0.5)
NAAQMS Standards		100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)	

Sr. No.	LOCATION	Date of sampling	Lead as Pb ug /m²	Mercury as Hg µg /m <sup>1</sup>	Arsenic as As ng /m <sup>1</sup>	Chromium as Cr µg /m <sup>3</sup>	
	Test Method		ANtr/7 2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04	ANtr/7.2/RES- INORG/04	
		04/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		08/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		11/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	Dumerkholi/	15/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
AAQ-7	AAQ-7	Nr. Mining Area	18/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
			22/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25/03/2025	8040043	PLO 0 000 0 0005	PLO// 00.2.0)	PLO (100.0.03)	



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• Results shall be referred to tested sample(s) and applicative to tested parameters only.

• Test report shall

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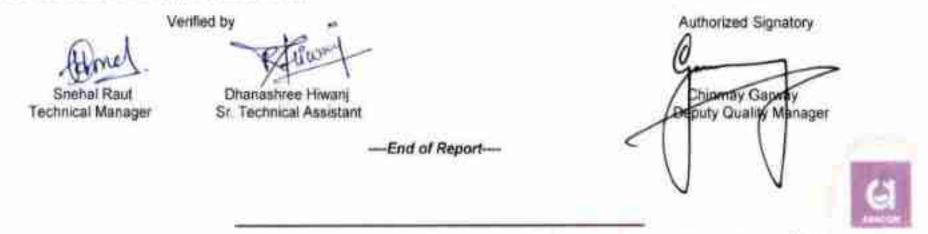
• BLQ: below limit of quantification.

• Environmental condition:

• Satisfactory.

• Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.5:05).

Remark: - All Results are within Limit as per NAAQMS Standards.



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Test Report

Ambient Air Quality-March-2025

Report No.t-ALPL/15042025/3-24 Report Date:-15/04/2025 Tatijharia, Post Jamira, issued to :-M/s Hindalco Industries Limited Address:-Tehsil Samti(Kusmi). District: Balrampur (C.G) Ambient Air Quality Type of Work:-Sample Inward No. ALPL/31032025/MON-241-EAAQ-3/64 (Core Zone) Anacon Representative Sampled by Sample Inward Date 9,16,23,30-Mar-2025 Mr. Akshay Babulkar Test Started On:-9.16.23.30-Mar-2025 Test Completed On:-10,17,24,31-Mar-2025 Sampling Procedure ANtd/7.2/Mon-01

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>3</sup>	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>	
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)	
3.0	I. Discipline: Chemical Group: Atmospheric Pollution				Material or Product tested : Ambient Air			
		04/03/2025	60.8	22.2	9.2	19.6	BLQ (LOQ-0.5)	
		08/03/2025	61.7	26.6	10.6	20.7	BLQ (LOQ-0.5)	
		11/03/2025	54.5	21.5	8.9	15.8	BLQ (LOQ-0.5)	
AAQ-8	Colorado Comuna	15/03/2025	58.2	22.7	9.1	16.8	BLQ (LOQ-0.5)	
MAQ-0	Sairaidh Campus	18/03/2025	62.5	26.5	8.4	18.7	BLQ (LOQ-0.5)	
		22/03/2025	53.3	21.3	8.7	16.6	BLQ (LOQ-0.5)	
		25/03/2025	37,2	20.1	9.1	18.8	BLQ (LOQ-0.5)	
		29/03/2025	52.6	19.8	8.1	15.7	BLQ (LOQ-0.5)	
	NAAQMS Standard	İs	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	60 (24 hrs)	2.0 (8 hrs)	

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>2</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>3</sup>
	Test Method		ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04
		04/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		08/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Sairaidh Campus	11/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-8		15/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
MAGO		18/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22/03/2025	BLQ (LOQ-0.2)	8LQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0,0005)	BLQ (LCQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)		6.0 (annual)	-

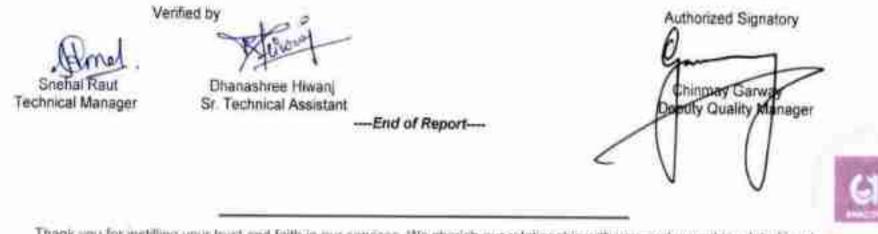
Page 1 of 1

NOTES: 
Photos and submittack "Original Test Report" to conferr the authenticity of this report.

Results shall be ordered to tested sample(s) and applicable to tested parameters only.

Test menor shall not fire reproduced except in full without prior written approval of Anacos Labs. • BLO- below limit of quantification . LOQ= limit of quantification. • Emmonmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/85).

Remark: - All Results are within Limit as per NAAGMS Standards.



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Test Report

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Report No.:-	ALPL/31102024/3-1	Report Date:-	31/10/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C,G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/21102024/MON-94-EAAQ-3/64-1
Sampled by	Anacon Representative Mr. Dharmasheel Bhiogade	Sample Inward Date	7.14.21.28 Oct-2024
Test Started On:-	7,14,21,28 Oct-2024	Test Completed On:-	8,15,22,29 Oct-2024
Sampling Procedure	ANtd/7.2/Mon-01	i cor ounpiered on.	9,10,44,49 002-2024

Ambient Air Quality-October 2024

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>3</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO)
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	mg/m <sup>*</sup> IS:5182 (Part-10)
L Discipline: Chemical Group: Atmospheric Pollution			pheric Pollution	Material or Product tested : Ambient Air			
		02/10/2024	63.8	29.2	14	22.6	BLQ (LOQ-0.5)
	Tatijharia Village/	05/10/2024	60.5	26.8	11.6	21.7	BLQ (LOQ-0.5)
		09/10/2024	67.3	34.5	15.2	22.2	BLQ (LOQ-0.5)
AAQ-1		12/10/2024	62.9	29.2	11.7	23.5	BLQ (LOQ-0.5)
have	Nr.Weigh Bridge	16/10/2024	60.5	24.9	10.0	21.7	BLQ (LOQ-0.5)
		19/10/2024	53.9	19.5	8.8	21.2	BLQ (LOQ-0.5)
		23/10/2024	59.4	22.3	14.9	22.5	BLQ (LOQ-0.5)
		26/10/2024	61.7	21.2	13.3	19.7	BLQ (LOQ-0.5)
	NAAQMS Standard	5	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

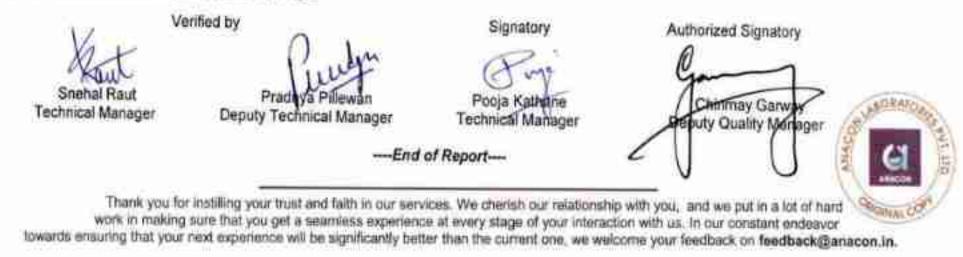
Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m³	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>3</sup>	
	Test Method		ANtr/7.2/RES- INORG/04	ANIt/7.2/RES- INORG/04	ANII/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	
		02/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		05/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	Tatijharia Village/ Nr.Weigh Bridga	09/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
AAQ-1		Tatijhana Village/	12/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
COM.		16/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		19/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		23/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		26/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0 03)	
NAAQMS Standards TES:   Please see watermark "Orginal Test Report" to confirm the authenticity of this r ba report and			1.0 (24 hrs)	nige.	6.0 (annual)		

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BLQ= below limit of quantification . LOQ= limit of quantification. 

Environmental condition - Satisfactory.

Remark: - All Results are within Limit as per NAAQMS Standards.





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## Test Report

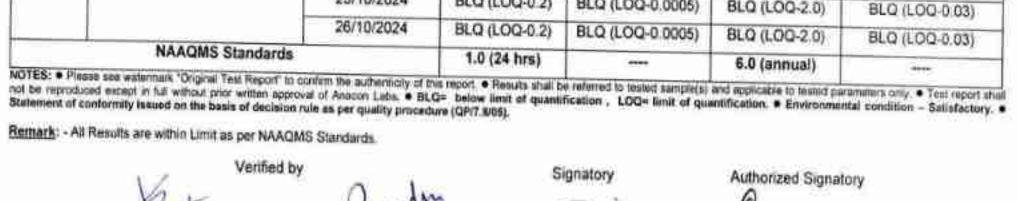
Ambient Air Quality-October-2024

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Report No .:-	ALPL/31102024/3-2	Report Date:-	31/10/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samn(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/21102024/MON-94-EAAQ-3/64-3
Sampled by	Anacon Representative Mr. Dharmasheel Bhiogade	Sample Inward Date	7,14,21,28 Oct-2024
Test Started On:-	7.14.21.28 Oct-2024	Test Completed On:-	8 15 20 20 Oct (103)
Sampling Procedure	ANtd/7.2/Mon-01	reat completed On:-	8,15,22,29 Oct-2024

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5) µg/m <sup>3</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO)
	Test Method		IS 5182 (Part 23) USE	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	mg/m* IS:5182 (Part-10)
I. Discipline: Chemical G			Group: Atmos	spheric Pollution	Material or Product tested : Ambien		
		02/10/2024	57.2	24,7	10.8	21.5	BLQ (LOQ-0.5)
		05/10/2024	53.9	21.4	10.0	21.2	BLQ (LOQ-0.5)
		09/10/2024	59,4	26.7	11.6	22.4	BLQ (LOQ-0.5)
AAQ-2	Piprapat/	12/10/2024	54,8	24.5	10.8	22.1	BLQ (LOQ-0.5)
onwer.	Nr. Mining Area	16/10/2024	57.3	27.7	11.5	22.6	BLQ (LOQ-0.5)
		19/10/2024	52.9	21.3	10.7	21.7	BLQ (LOQ-0.5)
		23/10/2024	59.4	24.8	13.0	22.4	BLQ (LOQ-0.5)
		26/10/2024	61.7	25.2	11.7	19.8	BLQ (LOQ-0.5)
	NAAQMS Standard	İs	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As	Chromium as Cr
	Test Method ANtr/7 2/RES- ANtt/7 2/RES- INORG/04 INORG/04		ANtr/7.2/RES- INORG/04	ANIn7 2/RES-		
		02/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	INORG/04 BLQ (LOQ-0.03)
	Piprapat/ Nr. Mining Area	05/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-2		12/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-2		16/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
			BLQ (LOO-0.2)	810/100000000	810 100 201	BLG (LOG-0.03)



boja Kathane

Technical Manager

Ghinmay Garway

eputy Quality Manager

OFAT

Prac

Technical Manager

Va Pillewan

Deputy Technical Manager

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-End of Report-



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Test Report

Ambient Air Quality-October-2024 Report No .:-ALPL/31102024/3-3 Report Date:-31/10/2024 Tatijharia, Post Jamira, Issued to :-M/s Hindalco Industries Limited Address:-Tehsil Samn(Kusmi), District: Balrampur (C.G) Ambient Air Quality Type of Work:-Sample Inward No. ALPL/21102024/MON-94-EAAQ-3/64-3 (Core Zone) Anacon Representative Sampled by Sample Inward Date Mr. Dharmasheel Bhiogade 7.14.21.28 Oct-2024 Test Started On:-7,14,21,28 Oct-2024 Test Completed On:-8,15,22,29 Oct-2024 Sampling Procedure ANtd/7.2/Mon-01

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>3</sup>	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO)	
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS 5182(Part-2)	IS:5182 (Part-6)	mg/m <sup>*</sup> IS:5182 (Part-10)	
I. Discipline: Chemical Group: Atmospheric Pollution				Material or Product tested : Ambient Air				
			02/10/2024	61.7	27.8	15.2	30.2	BLQ (LOQ-0.5)
		05/10/2024	60.2	24.7	13.7	23.6	BLQ (LOQ-0.5)	
		09/10/2024	52.8	19.5	11.5	22.5	BLQ (LOQ-0.5)	
AAQ-3	10000000	12/10/2024	57.4	21.4	14.0	27.0	BLQ (LOQ-0.5)	
~~~~	Virhorepat	16/10/2024	59,2	22.2	11.8	23.6	BLQ (LOQ-0.5)	
		19/10/2024	54.9	20.3	10.5	22.1	BLQ (LOQ-0.5)	
		23/10/2024	57.3	22.0	11.2	22.5	BLQ (LOQ-0.5)	
		26/10/2024	59.2	20,7	12.0	19.0	BLQ (LOQ-0.5)	
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)	

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m²	Arsenic as As	Chromium as Cr µg/m <sup>8</sup>
	Test Method		ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANIt/7.2/RES- INORG/04
		02/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Virhorepat	09/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-3		12/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
					Contraction of the second second second	

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23/10/2024 BLQ (LOQ-0.2) BLQ (LOQ-0.0005) BLQ (LOQ-2.0) BLQ (LOQ-0.03) 26/10/2024 BLQ (LOQ-0.2) BLQ (LOQ-0.0005) BLQ (LOQ-2.0) BLQ (LOQ-0.03) **NAAQMS Standards** 1.0 (24 hrs) 6.0 (annual) --------NOTEB: 
Please are watermark "Original Tear Report" to confirm the authenticity of this report.
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BLC= below limit of quantification, 
LOC= limit of quantification, 
Environmental condition - Satisfactory. Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05). Remark: - All Results are within Limit as per NAAQMS Standards. Verified by Signatory Authonized Signatory Snehal Rau Prad oora Kathane birmay Gas va. **Technical Manager** Deputy Technical Manager **Technical Manager** uty Quality Manager ----End of Report----Thank you for instilling your trust and taith in our services. We cherish our relationship with you, and we put in a lot of hard

work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on feedback@anacon.in.



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Test Report

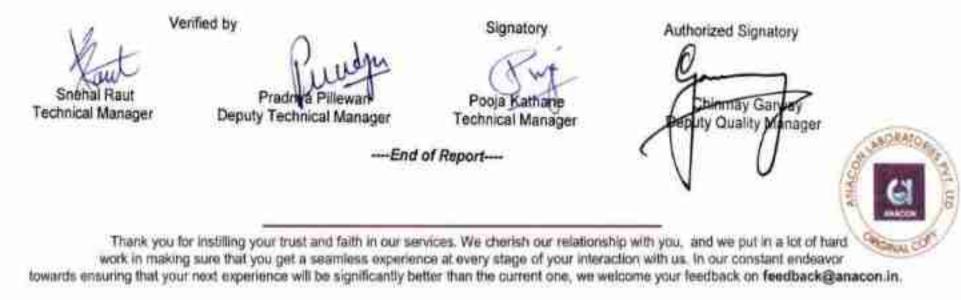
Ambient Air Quality-October-2024

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Report No.:-	ALPL/31102024/3-4	Report Date:-	31/10/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samn(Kusmi), District: Balrampur (C.G)
Type of Work-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/21102024/MON-94-EAAQ-3/64-4
Sampled by	Anacon Representative Mr. Dharmasheel Bhiogade	Sample Inward Date	7,14,21,28 Oct-2024
Test Started On:-	7,14,21,28 Oct-2024	Test Completed On:-	8,15,22,29 Oct-2024
Sampling Procedure	ANtd/7.2/Mon-01	The standard one	0,10,22,20 000-2024

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>7</sup>	Particulate Matter (PM2.5 ) µg/m <sup>2</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m <sup>2</sup>	Carbon Monoxide (as CO)
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	mg/m* IS:5182 (Part-10)
L.	Discipline: Chemica	1	Group: Atmos	pheric Pollution	Material or Prod	uct tested : Ambier	The production of the product of the
	02/10/2024	60.5	26.7	11.6	22.0	BLQ (LOQ-0.5)	
	[	05/10/2024	63.8	24.5	41.1	21.1	BLQ (LOQ-0.5)
		09/10/2024	67,3	29.9	14.0	26.6	ELQ (LOQ-0.5)
AAQ-4	NAME OF COMPANY	12/10/2024	62.9	20.7	11.5	24.0	BLQ (LOQ-0.5)
AAU-4	Khinpat	16/10/2024	60.5	19.5	10.7	22.5	BLQ (LOQ-0.5)
		19/10/2024	54.8	18.9	10.0	22.1	BLQ (LOQ-0 5)
		23/10/2024	59.2	19.2	11.7	22.9	BLQ (LOQ-0.5)
		26/10/2024	53.9	18.5	10.8	19.3	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>1</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr ug /m <sup>3</sup>
Test Method			ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04
		02/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-4	Khinpat	09/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
ANSA T		16/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standa	rds of to confirm the authenticity of this approval of Anacon Lubs. • Bit O	1.0 (24 hrs)		6.0 (annual)	







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## Test Report

Ambient Air Quality-October-2024

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Report No.:-	ALPL/31102024/3-5	Report Date:-	31/10/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/21102024/MON-94-EAAQ-3/64-5
Sampled by	Anacon Representative Mr. Dharmasheel Bhiogade	Sample Inward Date	7,14,21,28 Oct-2024
Test Started On:-	7,14,21,28 Oct-2024	Test Completed On:-	8,15,22,29 Oct-2024
Sampling Procedure	ANtd/7.2/Mon-01	1 the source of the	a nate a concerned

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5) µg/m <sup>3</sup>	Sulphur dioxide µg/m²	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO)
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	mg/m* IS:5182 (Part-10)
I.	Discipline: Chemica	1	Group: Atmos	pheric Pollution	Material or Prod	luct tested : Ambien	The second second second second second second second second second second second second second second second se
	03/10/2024	64.2	26.1	13.9	24.6	BLQ (LOQ-0.5)	
		07/10/2024	59.3	21.6	9.6	18.3	BLQ (LOQ-0.5)
		10/10/2024	61.8	18.1	9.4	19.3	BLQ (LOQ-0.5)
AAQ-5	Kutku Village/	14/10/2024	59.3	19.3	9.7	18.4	BLQ (LOQ-0.5)
AAC-D	Nr. V.T. Center	17/10/2024	56.1	19,1	11.7	24.6	BLQ (LOQ-0.5)
		21/10/2024	57.6	18.7	9.7	19.1	BLQ (LOQ-0.5)
		24/10/2024	57.3	19.3	12.8	23.9	BLQ (1.0Q-0.5)
		28/10/2024	58.1	18.3	11.4	19.2	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>2</sup>	Chromium as C µg /m <sup>3</sup>
Test Method			ANtt/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04
AAQ-5 Kutku Village/ Nr. V.T. Center		03/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standard	is	1.0 (24 hrs)		6.0 (annual)	

Remark: - All Results are within Limit as per NAAQMS Standards.

Venfied by Signatory Authorized Signatory Snehal F PradNya Pillewar Poola Kalhane emnmay Garv **Technical Manager** Deputy Technical Manager Technical Manager Deputy Quality Manager ----End of Report----Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on feedback@anacon.in.



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## Test Report

Ambient Air Quality-October 2024

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Report No.:-	ALPL/31102024/3-6	Report Date:-	31/10/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/21102024/MON-94-EAAQ-3/64-6
Sampled by	Anacon Representative Mr. Dharmasheel Bhiogade	Sample Inward Date	7,14,21,28 Oct-2024
Test Started On:-	7,14,21,28 Oct-2024	Test Completed On:-	8,15,22,29 Oct-2024
Sampling Procedure	ANtd/7.2/Mon-01	1 rest compreted on.	1 of tothe tes our sold

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>2</sup>	Particulate Matter (PM2.5) µg/m <sup>3</sup>	Sulphur dioxide µg/m <sup>2</sup>	Oxides of Nitrogen µg/m <sup>2</sup>	Carbon Monoxide (as CO)
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	mg/m* IS:5182 (Part-10)
1,	Discipline: Chemica		Group: Atmos	pheric Pollution	Material or Proc	luct tested : Ambier	
	03/10/2024	51.3	23.6	12.4	21.9	BLQ (LOQ-0.5)	
		07/10/2024	56.1	21.4	13.9	24.7	BLQ (LOQ-0.5)
		10/10/2024	47.3	24.9	9.3	18.6	BLQ (LOQ-0.5)
AAQ-6	Dhandiapat/	14/10/2024	54,7	28.6	11.6	21.4	BLQ (LOQ-0.5)
AAU-0	Nr. Mining Area	17/10/2024	56.3	21.6	14.2	19.3	BLQ (LOQ-0.5)
		21/10/2024	48.1	21.7	11.9	18.7	BLQ (LOQ-0.5)
		24/10/2024	54.7	23,4	12.7	21.9	BLQ (LOQ-0.5)
		28/10/2024	56.3	24,9	9.3	17.3	BLQ (LOQ-0.5)
	NAAQMS Standard	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>2</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m²
Test Method			ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtt/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04
	Dhandiapat/ Nr. Mining Area	03/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-6		14/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAGO		17/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)

24/10/2024 BLQ (LOQ-0.2) BLQ (LOQ-0.0005) BLQ (LOQ-2.0) ELQ (LOQ-0.03) 28/10/2024 BLQ (LOQ-0.2) BLQ (LOQ-0.0005) BLQ (LOQ-2.0) BLQ (LOQ-0.03) **NAAQMS Standards** 1.0 (24 hrs) 6.0 (annual) -44444 NOTES: 
Please see watermark 'Original Test Report' to confirm the authenticity of this report.
Results shall be referred to tested sample(s) and applicable to tested parameters only.
Test report shall not be reproduced except in full without prior written approval of Anacon Labs.
BLQs below limit of quantification , LOQ= limit of quantification.
Environmental condition – Environmental condition – Environmental condition – Environmental condition. Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.5/05). Remark: - All Results are within Limit as per NAAQMS Standards. Verified by Signatory Authorized Signatory Snehal Rau Pradilya Pillewar Pooja Kathline minmay Ga Technical Manager Deputy Technical Manager Technical Manager uty Quality/Ma hager GEALO ---End of Report----Thank you for institling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard

work in making sure that you get a seamless experience at every stope of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on feedback@anacon.in.



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Test Report

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Report No.:-	ALPL/31102024/3-7	Report Date:-	31/10/2024
issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/21102024/MON-94-EAAQ-3/64-7
Sampled by	Anacon Representative Mr. Dharmasheel Bhiogade	Sample Inward Date	7,14,21,28 Oct-2024
Test Started On:-	7,14,21,28 Oct-2024	Test Completed On:-	8,15,22,29 Oct-2024
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>2</sup>	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m <sup>2</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
1.	Discipline: Chemical		Group: Atmospheric Pollution		Material or Product tested : Ambient Air		
		03/10/2024	56.2	24.9	12.6	27.1	BLQ (LOQ-0.5)
		07/10/2024	67.1	31.7	14.1	28.6	BLQ (LOQ-0.5)
		10/10/2024	54.9	21.6	11.4	23.8	BLQ (LOQ-0.5)
a a a a ca c	Dumerkholi/	14/10/2024	61.7	24.9	9.7	17.3	BLQ (LOQ-0.5)
AAQ-7	Nr. Mining Area	17/10/2024	56.2	18.6	8.6	16.9	BLQ (LOQ-0.5)
		21/10/2024	62.8	26.1	11.9	21.8	BLQ (LOQ-0 5)
		24/10/2024	54,7	21.9	14.2	23.6	BLQ (LOQ-0.5)
		28/10/2024	51,9	19.3	9,1	18.7	BLQ (LOQ-0.5)
	NAAQMS Standards		100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>9</sup>
Test Method			ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04
		03/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Dumerkholi/ Nr. Mining Area	14/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-7		17/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standar	ds	1.0 (24 hrs)		6.0 (annual)	

NOTES: 
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BLQ= below limit of quantification.
LOQ= limit of quantification.
Environmental condition - Satisfactory.
Statement of conformity issued on the basis of decision rule as per quality procedure (OP/7.6/05).

Remark: - All Results are within Limit as per NAAQMS Standards.

Verified by Signatory Authorized Signatory Snehal Prad Pooja Kathane Chingsan Technical Manager Deputy Technical Manager **Technical Manager** ny Quality, anager ----End of Report----Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard

work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on feedback@anacon.in.



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Test Report

Ambiant Air Quality October 2024

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Report No.:-	ALPL/31102024/3-8	Decest Detail	5/10/2001
Report No	ALPL/31102024/3-0	Report Date:-	31/10/2024
issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijhana, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/21102024/MON-94-EAAQ-3/64-8
Sampled by	Anacon Representative Mr. Dharmasheel Bhiogade	Sample Inward Date	7,14,21,28 Oct-2024
Test Started On:-	7,14,21,28 Oct-2024	Test Completed On:-	8,15,22.29 Oct-2024
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>3</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>2</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
L.	Discipline: Chemical	0	Group: Atmos	pheric Pollution	Material or Prod	uct tested : Ambier	st Air
		01/10/2024	62.9	28.0	10.5	29.2	BLQ (LOQ-0.5)
		04/10/2024	60,4	26.7	9.3	22.7	BLQ (LOQ-0.5)
		08/10/2024	70.3	31.5	14,1	29.2	BLQ (LOQ-0.5)
	Call State State and the State State	11/10/2024	67.9	31.2	15.2	27.8	BLQ (LOQ-0.5)
8-QAA	Sairaidh Campus	15/10/2024	55.1	19.8	10.9	19.7	BLQ (LOQ-0.5)
		18/10/2024	64.9	31.2	13.0	26.7	BLQ (LOQ-0.5)
		22/10/2024	68.1	29.5	15.2	27.6	BLU (LOQ-0.5)
		25/10/2024	57.9	20.0	10.8	20.2	BLQ (LOQ-0.5)
NAAQMS Standards		100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)	

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m²	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>2</sup>
Test Method			ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7/2/RES- INORG/04
		01/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		04/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	-8 Sairaidh Campus	08/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
B-QAA		15/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Stand	ards	1.0 (24 hrs)	Selfection of the self-	6.0 (annual)	
and a little state	and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second se		a management of the second second second second second second second second second second second second second	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	U	

NOTES: 
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BLQ= below limit of quantification , LOQ= limit of quantification.
Environmental condition - Substactory.
Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

Remark: - All Results are within Limit as per NAAQMS Standards.

Verified by Signatory Authorized Signatory Sneha Pradr Pooja Kathahe Pillewan Ammay G way **Technical Manager** Deputy Technical Manager **Technical Manager** uty Quality Manager SOLA: ---- End of Report----Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on feedback@anacon.in.





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## Test Report

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#### Ambient Air Quality-November-2024

Report No.:-	ALPL/05122024/3-1	Report Date:-	05/12/2024
issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/18112024/MON-94/EAAQ-3/64-1
Sampled by	Anacon Representative Mr. Kailash Chahande	Sample Inward Date	11,18,25 November-2024 & 02 Dec-2024
Test Started On:-	11,18,25 November-2024 & 02 Dec-2024	Test Completed On:-	12,19,26 November-2024 & 05 Dec-2024
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No,	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>3</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical		Group: Atmospheric Pollution		Material or Product tested : Ambient Air		
	06/11/2024	67,3	32.9	11.5	31.9	BLQ (LOQ-0.5)	
		09/11/2024	62.9	28.7	13.7	38.1	BLQ (LOQ-0.5)
		13/11/2024	57,1	21.8	9.2	26.3	BLQ (LOQ-0.5)
	Tatijharia Village/	16/11/2024	53,6	16.2	11.3	28.7	BLQ (LOQ-0.5)
AAQ-1	Nr Weigh Bridge	20/11/2024	58.9	24.7	9.7	32.6	BLQ (LOQ-0.5)
		23/11/2024	63.4	32.8	12.4	38.9	BLQ (LOQ-0.5)
		27/11/2024	57.3	28.3	11,6	27.3	BLQ (LOQ-0.5)
		30/11/2024	61.9	27.6	12.7	31.7	BLQ (LOQ-0.5)
	NAAQMS Standard	is	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>2</sup>	Chromium as Cr µg /m <sup>3</sup>
	Test Method		ANtr/7.2/RES- INORG/04	ANtr/7_2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04
		06/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Tatijharia Village/	13/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-1	Nr.Weigh Bridge	20/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		30/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standar	ds	1.0 (24 hrs)	-	6.0 (annual)	

Remark: - All Results are within Limit as per NAAQMS Standards.

Verified by Signatory Authorized Signatory hinmay Gary Sneha Poola Kalhane **Technical Manager** Deputy Technical Manager **Technical Manager** Deputy Quality Mahager ----End of Report----Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on feedback@anacon.in.



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Test Report

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#### Ambient Air Quality-November-2024

Report No .:-	ALPL/05122024/3-2	Report Date:-	05/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/18112024/MON-94/EAAQ-3/64-2
Sampled by	Anacon Representative Mr. Kailash Chahande	Sample Inward Date	11,18,25 November-2024 & 02 Dec-2024
Test Started On:-	11,18,25 November-2024 & 02 Dec-2024	Test Completed On:-	12,19,26 November-2024 & 05 Dec-2024
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>2</sup>	Particulate Matter (PM2.5 ) µg/m <sup>3</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
J.	Discipline: Chemica	V	Group: Atmos	spheric Pollution	Material or Product tested : Ambient Air		
	06/11/2024	53.6	21.9	6.4	28.7	BLQ (LOQ-0.5)	
		09/11/2024	48.3	17.6	5.8	21.6	BLQ (LOQ-0.5)
		13/11/2024	56,1	24.7	5.2	19.7	BLQ (LOQ-0.5)
	Piprapat/	16/11/2024	53.9	19.2	7.3	24.9	BLQ (LOQ-0.5)
AAQ-2	Nr. Mining Area	20/11/2024	49.3	18.4	6.7	21.4	BLQ (LOQ-0.5)
		23/11/2024	51.7	21.6	7,9	23.8	BLQ (LOQ-0.5)
		27/11/2024	53,4	24.9	6.4	19.3	BLQ (LOQ-0.5)
		30/11/2024	48.3	17.2	9.2	24.7	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>2</sup>	Mercury as Hg µg /m³	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>3</sup>
Test Method			ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04
		06/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Piprapat/	13/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-2		16/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAG-2	Nr. Mining Area	20/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		30/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standar	ds	1.0 (24 hrs)		6.0 (annual)	

NOTES: 
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Results shall be referred to tested sample(s) and applicable to tested parameters only.

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BLG= below limit of quantification.

LOG= limit of quantification.

Environmental candition - Satisfactory.

Statement of conformity insued on the basis of decision rule as per quality procedure (QP/7.6/05).

Remark: - All Results are within Limit as per NAAGMS Standards.

Verified by Signatory Authorized Signatory Chrimay Garwa Pooja Kathane **Technical Manager** Deputy Technical Manager **Technical Manager** eputy Quality Manager CRA ---- End of Report----Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on feedback@anacon.in.





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Test Report

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Report No.:-	ALPL/05122024/3-3	Report Date:-	05/12/2024
issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/18112024/MON-94/EAAQ-3/64-3
Sampled by	Anacon Representative Mr. Kailash Chahande	Sample Inward Date	11,18,25 November-2024 & 02 Dec-2024
Test Started On:-	11,18,25 November-2024 & 02 Dec-2024	Test Completed On:-	12,19,26 November-2024 & 05 Dec-2024
Sampling Procedure	ANtd/7.2/Mon-01		•

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>1</sup>	Sulphur dioxide µg/m <sup>9</sup>	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
l,	Discipline: Chemical		Group: Atmos	spheric Pollution	Material or Product tested : Ambient Air		
AAQ-3	Virtiorepat	06/11/2024	73.9	31.6	12.7	32.4	BLQ (LOQ-0.5)
		09/11/2024	76.2	32.9	13.6	34.7	BLQ (LOQ-0.5)
		13/11/2024	69.3	28.7	11.4	26.9	BLQ (LOQ-0.5)
		16/11/2024	72.8	31.6	92	24.6	BLQ (LOQ-0.5)
		20/11/2024	68.2	27.2	12.8	27.3	BLQ (LOQ-0.5)
		23/11/2024	71,6	28.4	13.6	28.1	BLQ (LOQ-0.5)
		27/11/2024	64.9	21.7	9.3	18.7	BLQ (LOQ-0.5)
		30/11/2024	57.3	17.3	8.4	16.9	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>3</sup>
Test Method			ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04
	Virhorepat	06/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-3		20/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		30/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)		6.0 (annual)	

NOTES: 
Please are watermark "Original Test Report to confirm the authenticity of this report.
Results shall be referred to tested sample(s) and applicable to tested parameters only.
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ELQ\* below limit of quantification.
LDQ\* limit of quantification.
Environmental condition – Satisfactory.
Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.0/05).

Remark: - All Results are within Limit as per NAAQMS Standards.

Varified by Signatory Authorized Signatory Snenal Rau Pooja Kathane Prade Jainmay Garwa Technical Manager Deputy Technical Manager **Technical Manager** puly Quality Manager SRAI ---- End of Report----Thank you for instilling your trust and faith in our services. We cherisit our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on feedback@anacon.in.





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Test Report

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Report No.:-	ALPL/05122024/3-4	Report Date:-	05/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/18112024/MON-94/EAAQ-3/64-4
Sampled by	Anacon Representative Mr. Kailash Chahande	Sample Inward Date	11,18,25 November-2024 & 02 Dec-2024
Test Started On:-	11,18,25 November-2024 & 02 Dec-2024	Test Completed On:-	12,19,25 November-2024 & 05 Dec-2024
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>3</sup>	Sulphur dioxide µg/m <sup>2</sup>	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
_	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemica	( . ·	Group: Atmos	spheric Pollution	Material or Prod	luct tested : Ambier	nt Air
		06/11/2024	64,8	23.7	12.9	24.7	BLQ (LOQ-0.5)
	Khinpat	09/11/2024	71.3	28.1	13.7	26.4	BLQ (LOQ-0.5)
		13/11/2024	62.7	18.3	9.3	21.6	BLQ (LOQ-0.5)
		16/11/2024	68.2	23.8	11.4	24.9	BLQ (LOQ-0.5)
AAQ-4		20/11/2024	57.3	16.4	8.7	18.3	BLQ (LOQ-0.5)
		23/11/2024	62.8	24.7	13.6	21.9	BLQ (LOQ-0.5)
		27/11/2024	58.1	17.3	11.4	19.7	BLQ (LOQ-0.5)
		30/11/2024	61.7	21.8	12.9	21.6	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m²	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>3</sup>
	Test Method		ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04
		06/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Khinpat	13/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-4		20/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		30/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standa	rds	1.0 (24 hrs)		6.0 (annual)	

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BLQ= below limit of quantification. 
LOQ= limit of quantification. 
Environmental condition – Satisfactory. 
Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.005).

Verified by Signatory Authorized Signatory Poola Kathan hinmay Ga **Technical Manager** Deputy Technical Manager **Technical Manager** eputy Quality Manager -End of Report----Thank you for instilling your trust and faith in our services. We chernsh our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on feedback@anacon.in.





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Test Report

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		ality-November-2024	¥
Report No.:-	ALPL/05122024/3-5	Report Date:-	05/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/18112024/MON-94/EAAQ-3/64-5
Sampled by	Anacon Representative Mr. Kailash Chahande	Sample Inward Date	11,18,25 November-2024 & 02 Dec-2024
Test Started On:-	11,18,25 November-2024 & 02 Dec-2024	Test Completed On:-	12,19,26 November-2024 & 05 Dec-2024
Sampling Procedure	ANtd/7 2/Mon-01		

Stores Ale Country Manager

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5.) µg/m <sup>1</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>2</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
L	Discipline: Chemica		Group: Atmos	pheric Pollution	Material or Proc	luct tested : Ambier	nt Air
	04/11/2024	56.3	23.9	11.6	17.8	BLQ (LOQ-0.5)	
	Kutku Village/ Nr. V.T. Center	08/11/2024	59.3	21.6	9.6	18.3	BLQ (LOQ-0.5)
		11/11/2024	62.7	19.3	8.7	17.6	BLQ (LOQ-0.5)
neu		15/11/2024	59.3	19.3	9.7	18.4	BLQ (LOQ-0.5)
AAQ-5		18/11/2024	61.8	21.6	11.3	21.9	BLQ (LOQ-0.5)
		22/11/2024	57.2	18.7	9.7	19.1	BLQ (LOQ-0.5)
		25/11/2024	62.8	23.4	11.6	24,7	BLQ (LOQ-0.5)
		29/11/2024	58.1	18.3	11.4	19.2	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m²	Mercury as Hg µg /m²	Arsenic as As ng /m <sup>2</sup>	Chromium as Cr µg /m <sup>3</sup>	
	Test Method		ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	
		04/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		08/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	Kutku Village/	11/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		15/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
AAQ-5	Nr. V.T. Center	18/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		22/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		25/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
			29/11/2024	8LQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standar	ds	1.0 (24 hrs)		6.0 (annual)		

NOTES: 
Please see watermark "Original Test Report" to confirm the suffernitive of this report.

Results shall be referred to tested sample(s) and applicable to tested parameters only.

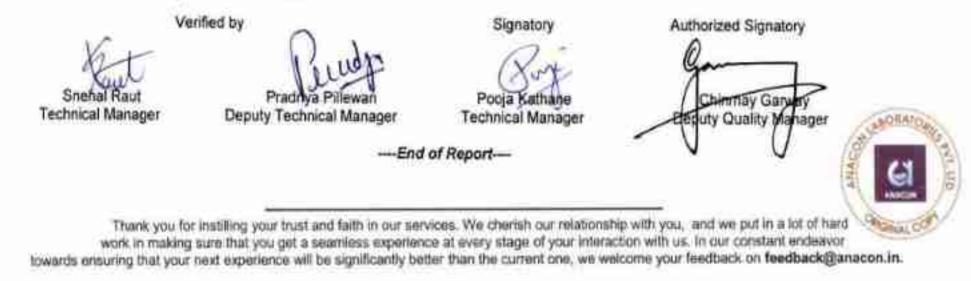
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BLG= below limit of quantification.

LOQ= limit of quantification.

Environmental condition - Setisfactory.

Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).







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Test Report

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	Ambient Air Qu	ality-November-2024	rage ( 0) (
Report No.:-	ALPL/05122024/3-6	Report Date:-	05/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/18112024/MON-94/EAAQ-3/64-6
Sampled by	Anacon Representative Mr. Kailash Chahande	Sample Inward Date	11,18,25 November-2024 & 02 Dec-2024
Test Started On:-	11,18,25 November-2024 & 02 Dec-2024	Test Completed On:-	12,19,26 November-2024 & 05 Dec-2024
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>3</sup>	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m <sup>2</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method	n	IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
r.	Discipline: Chemica		Group: Atmos	spheric Pollution	Material or Prod	luct tested : Ambier	nt Air
	AAQ-5 Sairaidh Campus	05/11/2024	67.2	21.6	9.3	21.7	BLQ (LOQ-0.5)
		08/11/2024	68.3	26.1	11.3	21.9	BLQ (LOQ-0.5)
		12/11/2024	59.3	19.2	6.8	24.8	BLQ (LOQ-0.5)
114.5		15/11/2024	64.8	26.4	13,9	18.2	BLQ (LOQ-0.5)
AAQ-6		19/11/2024	73.6	32.8	14.7	26:3	BLQ (LOQ-0.5)
		22/11/2024	61,7	18.3	12,6	21.4	BLQ (LOQ-0.5)
		26/11/2024	64.8	23.8	13.4	24.7	BLQ (LOQ-0.5)
		29/11/2024	62.9	23.8	11.6	23.7	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Load as Pb µg /m <sup>1</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>2</sup>	
	Test Method		ANt/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtt/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	
		05/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		08/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	Sairaidh Campus		12/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
			15/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-6		19/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		22/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		26/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		29/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	NAAQMS Standa	irds	1.0 (24 hrs)		6.0 (annual)		

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BLQ= below limit of quantification. 
LOQ= limit of quantification. 
Environmental condition - Satisfactory. 
Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.5/05).

Verified by Signatory Authorized Signatory Prad Poola Kathane Jinnay Garw Technical Manager Deputy Technical Manager **Technical Manager** uty Quality Madager SEAS ----End of Report----Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback or feedback@anacon.in.





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Test Report

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Report No.:-	ALPL/05122024/3-7	Report Date:-	05/12/2024
Issued to ;-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/18112024/MON-94/EAAQ-3/64-7
Sampled by	Anacon Representative Mr. Kailash Chahande	Sample Inward Date	11,18,25 November-2024 & 02 Dec-2024
Test Started On:-	11,18,25 November-2024 & 02 Dec-2024	Test Completed On:-	12,19,26 November-2024 & 05 Dec-2024
Sampling Procedure	ANtd/7.2/Mon-01	i the sompleted on.	1 14.10,20 110/01/2024 & 03 0/60-2024

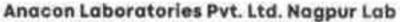
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Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>5</sup>	Sulphur dioxide µg/m²	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS 5182 (Part-10)
F.	Discipline: Chemica	1	Group: Atmos	pheric Pollution	Material or Prod	uct tested : Ambler	Contraction and Contraction of the
		04/11/2024	60,2	30.5	12.5	25.6	BLQ (LOQ-0.5)
		08/11/2024	62.5	28.9	14.8	24.9	BLQ (LOQ-0.5)
		11/11/2024	64.6	24.5	9.7	22.5	BLQ (LOQ-0.5)
	Dumerkholi/	15/11/2024	60.8	29.4	9.5	28.9	BLQ (LOQ-0.5)
AAQ-7	Nr. Mining Area	18/11/2024	59.7	22.7	11.5	25.8	BLQ (LOQ-0.5)
		22/11/2024	67,8	26.8	12.8	22.1	BLQ (LOQ-0.5)
		25/11/2024	66.8	28.4	14.1	26.7	BLQ (LOQ-0.5)
		29/11/2024	64.2	28.9	12.6	24.9	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>2</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>8</sup>	Chromium as Cr µg /m <sup>3</sup>	
	Test Method		ANtr/7_2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04	ANtr/7 2/RES- INORG/04	
		04/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		08/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	Dumerkholi/ Nr. Mining Area	11/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
AAQ-7		15/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
Anuer/		18/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		22/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		25/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		29/11/2024	29/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standar	ds	1.0 (24 hrs)		6.0 (annual)	1000 000000000	

Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.5/05).

Verified by Signatory Authorized Signatory Pooja Kathane Chinnay Gany **Technical Manager** Deputy Technical Manager **Technical Manager** outy Quality Manager AOF4U ----End of Report----Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on feedback/menacon.in.





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Report No.:-	ALPL/05122024/3-8	Report Date:-	05/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/18112024/MON-94/EAAQ-3/64-8
Sampled by	Anacon Representative Mr. Kailash Chahande	Sample Inward Date	11, 18, 25 November-2024 & 02 Dec-2024
Test Started On:-	11, 18, 25 November-2024 & 02 Dec-2024	Test Completed On:-	12, 19, 26 November-2024 & 05 Dec-2024
Sampling Procedure	ANtd/7.2/Mon-01		1

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m²	Particulate Matter (PM2.5) µg/m <sup>1</sup>	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	(\$:5182 (Part-10)
l,	Discipline: Chemical		Group: Atmos	pheric Pollution	Material or Proc	luct tested : Ambier	
		04/11/2024	58.3	25.9	13.5	17.9	BLQ (LOQ-0.5)
		08/11/2024	57.9	24.6	12.8	15,4	BLQ (LOQ-0.5)
		11/11/2024	60.3	26.8	9.8	19.8	BLQ (LOQ-0.5)
	Dhandiapat/	15/11/2024	62.8	29.6	9.6	13.2	BLQ (LOQ-0.5)
AAQ-8	Nr. Mining Area	18/11/2024	55,7	30.1	11.2	21.9	BLQ (LOQ-0.5)
		22/11/2024	59.3	27.8	10.8	23.4	BLQ (LOQ-0.5)
		25/11/2024	60.2	29.1	14.8	19.7	BLQ (LOQ-0.5)
		29/11/2024	62.2	27.5	13.6	22.4	BLQ (LOQ-0.5)
	NAAQMS Standard	is	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m²	Mercury as Hg µg /m <sup>8</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m³
	Test Method		ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANII/7.2/RES- INORG/04
		04/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		08/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Dhandiapat/ Nr. Mining Area	11/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-8		15/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAGeo		18/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standar	ds	1.0 (24 hrs)		6.0 (annual)	(1997) (1997)
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NOTES: 
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Reputs shall be referred to tested sample(s) and applicable to tested parameters only

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BLQ= below limit of quantification , LOQ= limit of quantification.

Environmental condition – Satisfactory.

Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.0/05).

Verified by Signatory Authorized Signatory Prad Pooja Kathane Immay Garway **Technical Manager** Deputy Technical Manager Technical Manager duty Quality Manager SURA -End of Report----Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on feedback@anacon.in.





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Test Report

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Ambient Ali	Quality-December-2024	
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Report No.:-	ALPL/31122024/3-1	Report Date:-	31/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/23122024/MON-105-EAAQ-3/64-1
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9,16,23,30 December-2024
Test Started On:-	9,16,23, 30 December-2024	Test Completed On:-	10.17.24, 31 December-2024
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>3</sup>	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>2</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part- 6)	IS:5182 (Part-10)
I.	Discipline: Chemical		Group: Atmos	pheric Pollution	Material or Prod	uct tested : Ambi	ent Air
		04/12/2024	63.9	28.4	12.7	26.1	BLQ (LOQ-0.5)
		07/12/2024	57.3	24.9	11.6	23.7	BLQ (LOQ-0.5)
		11/12/2024	61.8	26.1	9.7	18.6	BLQ (LOQ-0.5)
AAQ-1	Tatijharia Village/	14/12/2024	52.7	16.9	8.4	17.2	BLQ (LOQ-0.5)
masest	Nr.Weigh Bridge	18/12/2024	56.3	17.1	11.3	21.8	BLQ (LOQ-0.5)
		21/12/2024	64.8	24.7	13.8	24.9	BLQ (LOQ-0.5)
		26/12/2024	67.3	28.2	11.9	23.6	BLQ (LOQ-0.5)
		28/12/2024	61.9	21.8	9.4	18.3	BLQ (LOQ-0.5)
	NAAQMS Standard	s	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m³	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>3</sup>	
	Test Method		ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04	
		04/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		07/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	Tatijharia Village/		11/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-1		14/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
000000	Nr.Weigh Bridge	18/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		21/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		26/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	28/12	28/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
- 10-	NAAQMS Standard	ls	1.0 (24 hrs)		6.0 (annual)		

NOTES: 
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Results shall be referred to tested sample(s) and applicable to tested parameters only.

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BLQ# below limit of quantification , LOQ# limit of quantification.

Environmental condition – Satisfactory. Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.5/06). Remark: - All Results are within Limit as per NAAQMS Standards.

Verified by Signatory Authorized Signatory Pradnita Poola Kathane hinmay Gary Pillewar Technical Manager Deputy Technical Manager **Technical Martiger** puty Quality Manager -End of Report-Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on feedback@anacon.in.



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Test Report

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Report No .:-	ALPL/31122024/3-2	Report Date:-	31/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/23122024/MON-105-EAAQ-3/64-2
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9,16,23,30 December-2024
Test Started On:-	9,16,23, 30 December-2024	Test Completed On:-	10.17.24, 31 December-2024
Sampling Procedure	ANtd/7.2/Mon-01		

Ambient Air Quality-December-2024

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>2</sup>	Particulate Matter (PM2.5) µg/m <sup>3</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>	
Test Method			IS 5182 (Part 23) USEPA-40(Part 50)		IS:5182(Part-2)	IS:5182 (Part- 6)	IS:5182 (Part-10)	
J.	Discipline: Chemical		Group: Atmos	pheric Pollution	Material or Product tested : Ambient Air			
		04/12/2024	57.2	23.8	9.2	24.7	BLQ (LOQ-0.5)	
		07/12/2024	61,8	26.3	11.4	27.3	BLQ (LOQ-0.5)	
		11/12/2024	54.9	19.2	8.1	18.6	BLQ (LOQ-0.5)	
	Piprapat/	14/12/2024	58.3	21.7	9.3	16.9	BLQ (LOQ-0.5)	
AAQ-2	Nr. Mining Area	18/12/2024	62.8	24.6	11,2	23.6	BLQ (LOQ-0.5)	
		21/12/2024	57.1	19.3	9.7	21.4	BLQ (LOQ-0.5)	
		26/12/2024	64.7	26.8	12.9	24.7	BLQ (LOQ-0.5)	
		28/12/2024	58.3	19.1	11.4	18.3	BLQ (LOQ-0.5)	
	NAAQMS Standard	ds	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)	

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>3</sup>
Test Method			ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04
		04/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
2010/2010/2010	Piprapat/ Nr. Mining Area	14/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-2		18/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standar	ds	1.0 (24 hrs)		6.0 (annual)	1000

Verified by Authorized Signatory Signatory Snehal Rau Chinmay Garway Prad Pooja Rathane **Technical Manager** Deputy Technical Manager **Technical Manager** eouty Quality Manager 124 ----End of Report----Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on feedback@anacon.in.

#### Anacon Laboratories Pvt. Ltd. Nagpur Lab



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Test Report

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#### Ambient Air Quality-December-2024

Report No.:-	ALPL/31122024/3-3	Report Date:-	31/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/23122024/MON-105-EAAQ-3/64-3
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9,16,23,30 December-2024
Test Started On:-	9,16,23, 30 December-2024	Test Completed On:-	10,17,24, 31 December-2024
Sampling Procedure	ANtd/7.2/Mon-01	history of the second second	

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>3</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I. Discipline: Chemical			Group: Atmospheric Pollution		Material or Product tested : Ambient Air		
		04/12/2024	67.1	27.3	13.6	24.9	BLQ (LOQ-0.5)
		07/12/2024	64.7	26.1	11.9	23.8	BLQ (LOQ-0.5)
		11/12/2024	71.3	31.6	14.1	26.3	BLQ (LOQ-0.5)
mare	And a second second second	14/12/2024	68.1	28.4	11.7	24.9	BLQ (LOQ-0.5)
AAQ-3	Virhorepat	18/12/2024	64.7	26.3	9.3	21.8	BLQ (LOQ-0.5)
		21/12/2024	58.3	19.7	8.6	18.2	BLQ (LOQ-0.5)
		26/12/2024	62.6	23.8	12.9	24.7	BLQ (LOQ-0.5)
		28/12/2024	57.1	21.3	11.4	23.9	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m²	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>3</sup>
Test Method			ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04
		04/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-3	Virhorepat	18/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)		6.0 (annual)	· ••••
		A standard branches and a standard strends and a standard strends at the	and the state of the second second second second second second second second second second second second second	A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPERTY OF A REAL PROPER		States and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the sta

NOTES: 
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Environmental condition - Satisfactory.
Statement of conformity issued on the basis of decision rule as per quality procedure (GP/7.805).







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### Test Report

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#### Ambient Air Quality-December-2024

Report No.:-	ALPL/31122024/3-4	Report Date:-	31/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District Balrampur (C.G)
Type of Work-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/23122024/MON-105-EAAQ-3/64-4
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9,16,23,30 December-2024
Test Started On:-	9,16,23, 30 December-2024	Test Completed On:-	10,17,24, 31 December-2024
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5) µg/m <sup>3</sup>	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemica	1	Group: Atmos	spheric Pollution	Material or Proc	luct tested : Ambier	nt Air
-		04/12/2024	62.8	21.4	11.3	26,8	BLQ (LOQ-0.5)
		07/12/2024	57.3	19.2	9,2	21,4	BLQ (LOQ-0.5)
		11/12/2024	64.7	23.6	12.8	24.9	BLQ (LOQ-0.5)
		14/12/2024	61.2	18,3	11.4	23.8	BLQ (LOQ-0.5)
AAQ-4	Khinpat	18/12/2024	54.9	21.9	8.7	17.3	BLQ (LOQ-0.5)
		21/12/2024	62.8	24.6	11.9	21.7	BLQ (LOQ-0.5)
		26/12/2024	58.3	19.2	9.2	18.4	BLQ (LOQ-0.5)
		28/12/2024	61.7	23.8	12.7	24.6	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m³	
Test Method			ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04	ANtr/7.2/RES- INORG/04	
	04/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	07/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
Khinpat	11/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	14/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	18/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	21/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	26/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	28/		BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standa	rds	1.0 (24 hrs)		6.0 (annual)	-	
	Test Method Khinpat	Test Method 04/12/2024 07/12/2024 11/12/2024 14/12/2024 18/12/2024 21/12/2024 21/12/2024	Test Method         µg /m³           Test Method         ANtr/7 2/RES- INORG/04           04/12/2024         BLQ (LOQ-0.2)           07/12/2024         BLQ (LOQ-0.2)           11/12/2024         BLQ (LOQ-0.2)           14/12/2024         BLQ (LOQ-0.2)           18/12/2024         BLQ (LOQ-0.2)           21/12/2024         BLQ (LOQ-0.2)           26/12/2024         BLQ (LOQ-0.2)           28/12/2024         BLQ (LOQ-0.2)	Lock Hight         µg /m³         µg /m³           Test Method         ANItr/7.2/RES- INORG/04         ANItr/7.2/RES- INORG/04         ANItr/7.2/RES- INORG/04           04/12/2024         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)           07/12/2024         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)           11/12/2024         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)           14/12/2024         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)           14/12/2024         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)           18/12/2024         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)           21/12/2024         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)           26/12/2024         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)           28/12/2024         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)           28/12/2024         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)	Image: Construction         Desite of standard         pg /m³         pg /m³         ng /m³           Test Method         ANtr/7 2/RES- INORG/04         ANtr/7 2/RES- INORG/04         ANtr/7 2/RES- INORG/04         ANtr/7 2/RES- INORG/04         ANtr/7 2/RES- INORG/04           04/12/2024         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)         BLQ (LOQ-2.0)           07/12/2024         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)         BLQ (LOQ-2.0)           11/12/2024         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)         BLQ (LOQ-2.0)           14/12/2024         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)         BLQ (LOQ-2.0)           18/12/2024         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)         BLQ (LOQ-2.0)           26/12/2024         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)         BLQ (LOQ-2.0)           26/12/2024         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)         BLQ (LOQ-2.0)           28/12/2024         BLQ (LOQ-0.2)         BLQ (LOQ-0.0005)         BLQ (LOQ-2.0)	

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LOC= limit of quantification.
Environmental condition - Satisfactory.
Statement of conformity insued on the basis of decision rule as per quality procedure (QP/7.5/05).

Verified by Signatory Authorized Signatory Pooja Kathane Prade hinnay Gary Technical Manager Deputy Technical Manager Technical Manager puty Quality Manager DEAD ----End of Report----Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on feedback@anacon.in.





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Test Report

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#### Ambient Air Quality-December-2024

Report No.:-	ALPL/31122024/3-5	Report Date:-	31/12/2024
Issued to t-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/23122024/MON-105-EAAQ-3/64-5
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9,16,23,30 December-2024
Test Started On:-	9,16,23, 30 December-2024	Test Completed On:-	10.17.24, 31 December-2024
Sampling Procedure	ANtd/7_2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5) µg/m <sup>3</sup>	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m <sup>2</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method	T	IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemica	I	Group: Atmos	pheric Pollution	Material or Proc	fuct tested : Ambier	nt Air
		02/12/2024	54.8	21.6	12.1	19.2	BLQ (LOQ-0.5)
		05/12/2024	54.7	16.4	8.7	16.3	BLQ (LOQ-0.5)
		09/12/2024	64.8	23.9	14.1	26.3	BLQ (LOQ-0.5)
	Kutku Village/	12/12/2024	54.6	16.9	8.7	16.3	BLQ (LOQ-0.5)
AAQ-5	Nr. V.T. Center	16/12/2024	71.6	28.1	14.3	26.2	BLQ (LOQ-0.5)
		19/12/2024	57.2	19.2	11.4	18.3	BLQ (LOQ-0.5)
		23/12/2024	61.7	24.9	11.7	21.4	BLQ (LOQ-0.5)
		26/12/2024	54.7	16.4	9.1	21.3	BLQ (LOQ-0.5)
NAAQMS Standards		100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)	

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>1</sup>	Chromium as Cr µg /m <sup>3</sup>
Test Method			ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7_2/RES- INORG/04	ANtr/7.2/RES- INORG/04
		02/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Kutku Village/	09/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-5	Nr. V.T. Center	16/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26/12/2024	BLQ (LOQ-0.2)	2) BLQ (LCQ-0.0005) BLQ (LOQ-2.0)		BLQ (LOQ-0.03)
	NAAQMS Standar	ds	1.0 (24 hrs)	2444	6.0 (annual)	

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Environmental condition – Satisfactory.
Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.6/05).

Verified by Signatory Authorized Signatory Snehal Rau Pradr Poora Kathane hinmay Gary **Technical Manager** Deputy Technical Manager **Technical Manager** uty Quality M hager ---- End of Report----Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on feedback@anacon.in.





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Test Report

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#### Ambient Air Quality-December-2024

Report No.:-	ALPL/31122024/3-6	Report Date:-	31/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/23122024/MON-105-EAAQ-3/64-6
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9,16,23,30 December-2024
Test Started On:-	9.16.23, 30 December-2024	Test Completed On:-	10,17,24, 31 December-2024
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>2</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m <sup>3</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
L	Discipline: Chemical	7	Group: Atmos	spheric Pollution	Material or Proc	luct tested : Ambier	nt Air
		03/12/2024	64.9	23.8	11.6	24.3	BLQ (LOQ-0.5)
		06/12/2024	64.1	24.6	12.8	27.3	BLQ (LOQ-0.5)
		10/12/2024	62.9	28.1	14.2	31.6	BLQ (LOQ-0.5)
11.01.01.00.00		13/12/2024	67.3	21.6	11.4	24.9	BLQ (LOQ-0.5)
AAQ-6	Sairaidh Campus	17/12/2024	62.9	18.3	8.7	17.3	BLQ (LOQ-0.5)
		20/12/2024	64.7	23.8	12.9	24.6	BLQ (LOQ-0.5)
	1	24/12/2024	58.1	18.7	9.2	19.4	BLQ (LOQ-0.5)
		27/12/2024	58.6	19.2	9.7	18,3	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>2</sup>	
Test Method			ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtt/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	
		03/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		06/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
			10/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
AAQ-5	Sairaidh Campus	17/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		20/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		24/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		27/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
NAAQMS Standards			1.0 (24 hrs)		6.0 (annual)		

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Environmental condition – Satisfactory.
Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.6/05).

Verified by Signatory Authorized Signatory Snehal Rau Pooja Kalham may Garw Pradr **Technical Manager** Deputy Technical Manager **Technical Manager** ty Quality Manager JORA. -End of Report-Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on feedback@anacon.in.





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Test Report

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#### Ambient Air Quality-December-2024

Report No .:-	ALPL/31122024/3-7	Report Date:-	31/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/23122024/MON-105-EAAQ-3/64-7
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9,16,23,30 December-2024
Test Started On:-	9,16,23, 30 December-2024	Test Completed On:-	10,17,24, 31 December-2024
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5) µg/m <sup>3</sup>	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m <sup>2</sup>	Carbon Monoxide (as CO) mg/m <sup>2</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS 5182(Part-2)	IS:5182 (Part-6)	IS 5182 (Part-10
1.	Discipline: Chemical	-	Group: Atmos	spheric Pollution	Material or Proc	fuct tested : Ambie	nt Air
		02/12/2024	53.9	24.7	12.6	16.9	BLQ (LOQ-0.5)
		05/12/2024	56,3	28.1	13.8	17.2	BLQ (LOQ-0.5)
		09/12/2024	48.1	16.9	9.2	16.1	BLQ (LOQ-0.5)
11.000	Dhandiapat/	12/12/2024	57.8	23.6	11.9	21.6	BLQ (LOQ-0.5)
AAQ-7	Nr. Mining Area	16/12/2024	61.3	24.7	12.8	23.4	BLQ (LOQ-0.5)
		19/12/2024	58.2	19.3	9.6	19.2	BLQ (LOQ-0.5)
		23/12/2024	54.7	18.1	8.7	16.9	BLQ (LOQ-0.5)
		26/12/2024	61.4	23.8	11.3	21.6	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>3</sup>	Mercury as Hg µg /m <sup>3</sup>	Arsenic as As ng /m <sup>2</sup>	Chromium as Cr µg /m <sup>3</sup>	
Test Method			ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04	
	Dhandiapat/ Nr. Mining Area	02/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		05/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
AAQ-7		09/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		12/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		16/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
			19/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		26/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	NAAQMS Standar	ds	1.0 (24 hrs)		6.0 (annual)		
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NOTES: 
Please see watermark 'Original Test Report' to confirm the authenticity of this report.

Results shall be referred to tested sample(s) and applicable to tested parameters only.

Test report shall not be reproduced except in full without prior written approval of Anacon Labs.

ELQ= below limit of quantification.

LOQ= limit of quantification.

Environmental condition - Satisfactory.

Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.6/05).

Verified by Authorized Signatory Signatory Snehal Rau Prad Pooia Kathane Chinmay Garw NOBAL **Technical Manager** Deputy Technical Manager **Technical Manager** ity Quality Manager ----End of Report----Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on feedback@anecon.in.

#### Anacon Laboratories Pvt. Ltd. Nagpur Lab



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Test Report

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#### Ambient Air Quality-December-2024

Report No .:-	ALPL/31122024/3-8	Report Date:-	31/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Tatijharia, Post Jamira, Tehsil Samri(Kusmi), District: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/23122024/MON-105-EAAQ-3/64-8
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9,16,23,30 December-2024
Test Started On:-	9,16,23, 30 December-2024	Test Completed On:-	10,17,24, 31 December-2024
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m <sup>3</sup>	Particulate Matter (PM2.5 ) µg/m <sup>a</sup>	Sulphur dioxide µg/m <sup>3</sup>	Oxides of Nitrogen µg/m <sup>2</sup>	Carbon Monoxide (as CO) mg/m <sup>3</sup>
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
1.	Discipline: Chemical	1	Group: Atmos	pheric Pollution	Material or Proc	luct tested : Ambier	nt Air
AAQ-8	Dumerkholi/ Nr. Mining Area	02/12/2024	64.3	26.7	11.9	28.4	BLQ (LOQ-0.5)
		05/12/2024	68.1	31.6	12.4	29.1	BLQ (LOQ-0.5)
		09/12/2024	58.7	24.7	9.3	18.6	BLQ (LOQ-0.5)
		12/12/2024	62.1	28.4	11.7	23.9	BLQ (LOQ-0.5)
		16/12/2024	61.4	26.3	12.9	24.1	BLQ (LOQ-0.5)
		19/12/2024	57.3	19.2	9.2	18.7	BLQ (LOQ-0.5)
		23/12/2024	62.8	24.7	11.6	23.9	BLQ (LOQ-0.5)
		26/12/2024	58.2	21.6	9.8	19.2	BLQ (LOQ-0.5)
	NAAQMS Standard	5	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m <sup>2</sup>	Mercury as Hg µg /m³	Arsenic as As ng /m <sup>3</sup>	Chromium as Cr µg /m <sup>4</sup>
Test Method			ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04
	Dumerkholi/ Nr. Mining Area	02/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-8		16/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standar	ds	1.0 (24 hrs)	) <b>***</b> (	6.0 (annual)	

NOTES: 
Please see watermark 'Onginal Test Report' to confirm the authenticity of this report.

Results shall be referred to tested sample(s) and applicable to tested parameters only.

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BLQ= below limit of quantification.

Environmental condition - Satisfactory.

Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7,5/05).

Verified by Signatory Authorized Signatory Prade Chimnay Gaty Snehal Rau Poola Kathase **Technical Manager** Deputy Technical Manager Technical Manager iputy Quality Mahager OIAD ----End of Report----Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on feedback@anacon.in.



### Revised "Environment Management Cell (EMC)"

### Hindalco Industries ltd. Samri Group of Mines

Date: - 26.12.2024

The Environment management cell (EMC ) in respect of Our Samri group of mines is hereby Reconstituted for compliance of EC conditions of Samri , kudag & Tatijharia Bauxite Mines revised. The revised list will consist of following members:-

S.N	Name	Designation	Position
	Mr. Sanjay Pardhi	Head- Mines	Chairman
1	Mr. Amit Tiwary	Manager- Mines	Member
3	Mr. Saptarishi Sengupta	Manager (Geo, Quality & Env)	Secretary
4	Mr. Rajeev Ranjan	Manager- Mines	Member
5	Mr. Tej Pandey	Assist Manager-Env	Member
6	Mr. Ashutosh Saha	Manager (Sustainability)	Member
7	Dr Ajay kumar	Medical officer	Member .
8	Mr. Saroj rout	Dy. Manager-VTO	Member

For Hindalco Industries Ltd.

Apotin

(Sanjay Pardhi) Agent- mines Samri mines division CC to:- 1.All concerned persons 2. Record. File

#### HINDALCO INDUSTRIES LIMITED

#### Samri Mines Division

#### Actual Expenditure incurred in Environment Management Plan

Total cost incurred for protection of Environment in Samri, Tatijharia and Kudag Bauxite mines of Hindalco Industries Limited, Chhattisgarh during the period from October 2024 to March 2025 is mentioned below:

SI. No	Environment Protection Measure	Actual Cost (Lakhs) Oct'24 – Mar'25
1.	Environment Monitoring	5.80
2.	Greenbelt development	15.51
3.	Reclamation/ rehabilitation of mined out area (Samri - 21.089 Ha., Kudag- 1.760 Ha., Tatijharia-16.821 Ha.) Total- 39.67 Ha.	118.97
	Total	140.28

- Environment Monitoring Job has been out sourced to Anacon Laboratory, recognized by MoEF & NABL.
- One centralized nursery has been established at Samri mines for Samri, Tatijharia & Kudag lease.
- Reclamation of mined out land has been outsourced along with production. Average cost of reclamation considered @ 3.00 lakh per ha.

#### Annexure-I





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