

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL  
PRINCIPAL BENCH AT NEW DELHI

I.A. NO. \_\_\_ OF 2025

IN

O.A. NO. 955 OF 2024

PRESIDENT MUNICIPAL COMMITTEE THATHRI

..APPLICANT

**VERSUS**

UNION TERRITORY OF J&K & ORS.

...RESPONDENTS

**INDEX**

<b>SL. NO</b>	<b>PARTICULARS</b>	<b>PAGE NO.</b>
1	ADDITIONAL RESPONSES ON BEHALF OF THE RESPONDENT NO. 5 I.E. MEGHA ENGINEERING AND INFRASTRUCTURE LIMITED "MEIL" IN COMPLIANCE WITH THE ORDER DATED 19.02.2025 PASSED BY THIS HON'BLE TRIBUNAL.	1- 10
2	<b>ANNEXURE R-1:</b> - COPY OF THE PHOTOGRAPHS DEPICTING CRATE WALLS AND OTHER CONSTRUCTIONS ON ZONE 1 AND 2 BY THE ANSWERING RESPONDENT	11 - 14
3.	<b>ANNEXURE R-2:</b> - A PEN – DRIVE CONTAINING THE DRONE FOOTAGE/ VIDEOS SHOWING THE CRATE WALLS AND OTHER CONSTRUCTIONS AT ZONE 1 AND ZONE 2	15 - 16
4.	<b>ANNEXURE R-3(COLLY):</b> - COPY OF THE WATER QUALITY TESTING REPORTS CONDUCTED BY IDMA LABORATORIES LIMITED	17 - 46
5.	<b>ANNEXURE R-4(COLLY):</b> - COPY OF THE AIR QUALITY TESTING REPORTS CONDUCTED BY IDMA LABORATORIES LIMITED	47 - 66

6.	<b>ANNEXURE R-5(COLLY):</b> - COPY OF THE NOISE MONITORING TEST REPORTS CONDUCTED BY IDMA LABORATORIES LIMITED	67 - 72
7.	<b>ANNEXURE R-6:</b> - COPY OF THE LETTER ISSUED BY THE ANSWERING RESPONDENT TO RESPONDENT NO. 4 (RHPCL) FOR REGULARIZATION OF ALTERNATIVE DUMPING SITE	73 - 74

**DATE: 21.04.2024**

**PLACE: NEW DELHI**

**THROUGH**

  
**ALPHA LEGAL ADVOCATES  
C-53, BLOCK C, JANGPURA EXTENSION,  
NEW DELHI – 110014**

**1374**

**BEFORE THE NATIONAL GREEN TRIBUNAL  
PRINCIPAL BENCH, NEW DELHI  
Original Application No. 955/2024**

PRESIDENT MUNICIPAL COMMITTEE THATHRI

..APPLICANT

**VERSUS**

UNION TERRITORY OF J&K & ORS.

...RESPONDENTS

**ADDITIONAL RESPONSE ON BEHALF OF RESPONDENT NO. 5 / MEGHA  
ENGINEERING AND INFRASTRUCTURE LIMITED SUBMITTED IN  
COMPLIANCE OF THE ORDER DATED 19.02.2025 PASSED BY THE HON'BLE  
NATIONAL GREEN TRIBUNAL**

**RESPECTFULLY SHOWETH: -**

1. That the present additional response is being filed by Respondent No. 5, Megha Engineering and Infrastructures Limited (MEIL), in additional to the objections to the Joint Committee Report filed by the MEIL on 18.02.2025 and in compliance with the directions of this Hon'ble Tribunal vide its Order dated 19.02.2025, wherein the Respondent Nos. 4 to 7 were directed to file additional responses detailing the remedial measures taken to remedy any environmental damage caused, if any, within one month.
2. At the outset, the answering Respondent reiterates its unwavering commitment to environmental compliance and sustainable development while executing the Ratle Hydro Electric Power Project (RHEP), a project of national importance aimed at generating 850 MW of clear energy in Kishtwar District, Union Territory of Jammu & Kashmir. The answering Respondent has consistently adhered to the conditions of the Environmental Clearance (EC) granted by the Ministry of Environment, Forest and Climate Change (MoEFCC) in 2012, as well as the directives issued by the Jammu & Kashmir Pollution Control Committee (JKPCC) and the Central Pollution Control Board (CPCB).

3. This additional response builds upon the objections to the Joint Committee Report filed by the answering Respondent on 18.02.2025, wherein it was submitted that substantial remedial measures have been undertaken to address the concerns raised by the Joint Committee regarding muck management and alleged spillage into the Chenab River. The answering Respondent humbly submits that it has undertaken comprehensive remedial measures to mitigate any potential environmental damage, particularly with respect to muck management, prevention of spillage into the Chenab River, and overall environmental protection. These measures are detailed below for the kind consideration of this Hon'ble Tribunal.

**DETAILED REMEDIAL MEASURES UNDERTAKEN BY RESPONDENT NO. 5 / MEGHA ENGINEERING AND INFRASTRUCTURE LIMITED.**

**A. Muck Management and Relocation of the Muck efforts**

4. The answering Respondent has taken protective and systematic steps to manage the muck generated during the construction of the Ratle Hydro Electric Power Project, ensuring that it does not adversely impact the environment, particularly the Chenab River. As of 15.04.2025, the following measures have been implemented:
  - a. **Relocation of Muck from Zone – 1:** Out of 1.86 lakh cum of muck originally deposited at Zone – 1 (Right Bank of the Chenab River), the answering Respondent has successfully relocated i.e., 1.26 lakh cum to an alternative site at Joshana Village, located at 8 km away from the riverbank. This relocation was initiated in July 2024 to prevent any potential spillage into the river, as submitted in the objections to the Joint Committee Report. The remaining 0.60 lakh cum is now well protected against spillage into the river through the construction of protective crate walls and other stabilization measures, as detailed in para 5(a) below. Consequently, this remaining quantity does not require relocation and is likely to be recycled for the production of concrete, further promoting sustainable resource utilization within the project.

## 1376

- b. **Cessation of Dumping at Saturated Sites:** Recognizing the saturation of the designated muck dumping sites due to their challenging topography, the answering Respondent ceased all dumping activities at Zone – 1 by July, 2024 as well as at Zone 2 (Left Bank, Village Durga), which were 100% saturated as of 27.03.2025. This proactive step was taken to prevent any further risk of spillage into the river or surrounding areas. There is no muck dumped at Zone - 3 (Right Bank, Kuligardh Nallah, Village Khori) due to the challenging topography of the said site.
  
- c. **Utilization of Muck in Construction Activities:** A significant portion of the muck has been reused within the project to minimize waste. Out of the 11.60 lakh cum generated till 03.02.2025, 03.10 lakh cum has been recycled by crushing and used as aggregates for concrete production, and 0.50 lakh cum has been utilized for the construction of the powerhouse ramp. Further, 3.36 lakh cum has been dumped in the designates dumping sites 1 and 2, and 3.38 lakh cum has been stacked at the dam body, to be utilized for further Project construction activities. Pursuant to para 4(a) above, the remaining 1.26 lakh cum stacked at Zone 1 has been relocated to an alternative site at Joshana Village, located at 8 km away from the riverbank. These measures demonstrate the answering Respondent's commitment to sustainable resource management, as previously submitted in the Objections to the Joint Committee Report filed by the answering Respondent.

### **B. Construction of Protective Crate Walls to Prevent Spillage**

5. To prevent any spillage of muck into the Chenab River, the answering Respondent has constructed robust protective crate walls along the riverbanks at the designated dumping sites. These measures were initiated prior to any muck dumping to ensure environmental safety.
  - a. **Design and Construction of Crate Walls:** The crate walls were designed by a qualified engineers to withstand lateral loads and were constructed to a height above the high flood level, providing additional safety against environmental hazards. The architectural drawings and design specifications of these walls were

submitted as Annexure R – 9 in the Objections to the Joint Committee Report. Photographs of crate walls, as annexed in the Objections as Annexure R – 8, and additional images as well as videos provided with this additional response, clearly depicts their structural integrity and effectiveness in retaining muck. A copy of the photographs depicting the crate walls and other constructions undertaken by the answering Respondent are herein annexed as **ANNEXURE R – 1**.

- b. **Drone Footage Evidence:** The answering Respondent has also provided drone footage that showcases the muck dumping sites, the protective crate walls, and other constructions designed to prevent spillage into the Chenab River. The footage demonstrates the comprehensive measures taken to stabilise the sites and safeguard the river, further corroborating the photographic evidence submitted. The drone footage clearly depicting the crate walls and other constructions are herein annexed as **ANNEXURE R – 2**.
- c. **Stabilization Measures:** In addition to crate walls, the answering Respondent has implemented engineering and biological measures, such as slope protection and stabilization to prevent landslides or river contamination. These measures are evident by the photograph and drone footage as annexed with this additional response.

### **C. Environmental Monitoring and Compliance**

- 6. The answering Respondent has consistently monitored environmental parameters to ensure compliance with regulatory standards and to mitigate any adverse impact on the environment:
  - a. **Water Quality Monitoring:** The answering Respondent has conducted quarterly water quality testing of the Chenab River through Idma Laboratories Limited, an NABL-accredited third party testing agency. The latest report dated 25.03.2025, confirms that the water quality remains well within prescribed standards, with no adverse impact attributable to the project. Some of the Water Quality Testing Reports has already been filed by the answering Respondent with

its Objections to the JC Report as Annexure R – 3, and the additional Water Testing reports are herein annexed as **ANNEXURE R – 3(Colly)**.

- b. **Air Quality Monitoring:** Regular air quality monitoring has been carried out, with the latest report dated 26.03.2025 showing that all parameters, including PM10, PM2.5, SO2, Nox, and CO, are within the permissible limits of the National Ambient Air Quality Standards (NAAQS). Some of the Air Quality Testing Reports has already been filed by the answering Respondent with its Objections to the JC Report as Annexure R – 12, and the additional Air Quality Testing reports are herein annexed as **ANNEXURE R – 4(Colly)**. Additionally, three water tankers are deployed daily at the site for dust suppression, as acknowledged by the CPCB in its report at para 8, and the same are not being repeated herein for sake of brevity.
- c. **Noise Monitoring:** Noise levels have been monitored regularly, with the latest report dated 25.03.2025 confirming compliance with the Noise Pollution (Regulation and Control) Rules, 2000 and the same has been filed by the answering Respondent along with the Objections to the JC Report as Annexure R – 13, and the additional Noise Monitoring Test Reports are herein annexed as **ANNEXURE R – 5(Colly)**.

#### **D. Compliance with Construction and Demolition Waste Management Rules, 2016**

7. The answering Respondent has adhered to the Construction and Demolition Waste Management Rules, 2016, ensuring proper management of waste generated during construction of the project:
  - a. **Segregation and Reuse of Waste:** Concrete waste has been repurposed for constructing road barriers and gabion/crate walls, while steel and plastic waste are segregated and stored for recycling as also mentioned in para 11 of the Objections to the JC Report as filed by the answering Respondent. A detailed Waste Management Plan has been implemented which has also been filed along with the Objections to the JC Report as Annexure R – 11.

- b. **Agreement with Authorized Facility for disposal of bio-medical waste:** An agreement with M/s Kashmir Health Care Systems, IGC Lasipora, Pulwama, Kashmir, has been executed for the proper disposal of bio-medical waste, ensuring compliance with environmental norms which already forms part of the record as filed by the answering Respondent along with the Objections to the JC Report as Annexure R – 11.

#### E. Additional Environmental Initiatives

8. The answering Respondent has undertaken additional initiatives to promote environmental sustainability:

- a. **World Environment Day Celebration:** On 05.06.2024, the answering Respondent organized an awareness and tree plantation drive to celebrate World Environment Day, reflecting its commitment to environmental well-being. A detailed report of the same has already been filed by the answering Respondent with its Objections to the JC Report as Annexure R – 6.
- b. **Worker Welfare, Medical Facilities, Energy Conservation and Pollution Control:** In furtherance of demonstrating the answering Respondent's commitment to environmental sustainability, worker well-being, and compliance with safety and environmental standards, the following measures have been implemented, as also detailed in the letter dated 28.06.2024, submitted with the subject :Reply Regarding Report on Safety Measures for Energy Conservation, Health, Control of Pollution (Air, Noise & Water) & Proper Disposal of Muck", which has been filed along with the Objections to the Joint Committee Report as Annexures R – 14.
- i. **Worker Welfare:** The RHEP employs over 1,000 workers all of whom are provided with proper meals, and, for the majority, accommodation within the project premises. A 24x7 mess facility has been established to ensure workers' nutritional needs are met. This facility operates exclusively using LPG for cooking, promoting clean energy practises and supporting worker well-being.

- ii. **Medical Facilities:** The Project site is equipped with two fully operational medical centres, supervised by qualified medical officers, doctors, and a sufficient number of paramedical staff. These facilities operate round-the-clock to address any health emergencies or needs. Additionally, two well-equipped Basic Life Support (BLS) ambulances are available at the site to ensure timely medical assistance when required.
- iii. **Energy Conservation:** To promote sustainable practises, the answering Respondent has implemented measures to minimize environmental impact. The exclusive use of LPG-based cooking facilities in the mess prevents deforestation by eliminating the need for firewood, contributing to energy conservation and environmental protection.
- iv. **Pollution Control:** Comprehensive pollution control measures have been instituted to ensure minimal environmental impact. A 5 km project road is actively maintained with three water tankers deployed daily for dust suppression, as acknowledged by the CPCB in its report at para 8. Regular monitoring of air, water, and noise pollution is conducted, with all parameters maintained within permissible limits, as evidenced by the air, water, and noise quality reports dated 26.03.2025 and 25.03.2025 (annexed as ANNEXURE R – 3, R – 4, and R – 5). These measures align with the National Ambient Air Quality Standards (NAAQS) and the Noise Pollution (Regulation and Control) Rules, 2000.

## **F. Coordination with Authorities**

- 9. The answering Respondent has worked closely with the JKPCC, CPCB, and RHPCL to implement remedial measures and address environmental concerns:
  - a. **Compliance with JKPCC Directives:** The answering Respondent has adhered to the suggestions and directives issued by the JKPCC following its site visit on 14.10.2024, as submitted in the Objections to the JC Report at para 14, the same are not being repeated herein for sake the brevity.

- b. Request for Alternative Sites:** The answering Respondent has also proactively sought alternative muck disposal sites from RHPCL, including the regularization of the Hasti site, to address the saturation of the approved sites. A copy of the letter No. RHEP/MEIL/D/25/01/407 dated 23.01.2025 is herein annexed as **ANNEXURE R – 6**.
10. The answering Respondent humbly submits that the remedial measures detailed above demonstrate its sincere and continuous efforts to mitigate any potential environmental damage while executing a project of such national importance. The construction of protective crate walls, relocation of muck, cessation of dumping at saturated sites, and regular environmental monitoring underscore the answering Respondent's commitment to compliance with environmental laws and the directives of this Hon'ble Tribunal.
11. The Ratle Hydro Electric Power Project is poised to deliver 850 MW of clean energy, providing free electricity to 3.1 million households and contributing to the socio-economic development of the Union Territory of Jammu & Kashmir. The project's strategic importance under the Indus Water Treaty of 1960 and its role in grid balancing for states like Rajasthan, Gujarat, Madhya Pradesh and Chhattisgarh cannot be overstated.
12. In light of the foregoing, the answering Respondent respectfully prays that this Hon'ble Tribunal may kindly take note of the remedial measures undertaken and the absence of any significant environmental damage, as evidenced by the water, air, and noise quality reports. The answering Respondent further requests that the present Original Application can be disposed of, considering the steps taken to address the concern raised by the Joint Committee and the JKPCC.

### **PRAYER**

In view of the submission made hereinabove, it is most respectfully prayed that this Hon'ble Tribunal may be pleased to:

- a. Take on record the remedial measures undertaken by the answering Respondent to address environmental concerns, as detailed in the additional response;
- b. Dismiss the present Original Application No. 955/2024, in light of the remedial measures and the absence of any significant environmental damage;
- c. Pass any other order(s) as this Hon'ble Tribunal may deem fit and proper in the facts and circumstances of the case.

**THROUGH**



**ALPHA LEGAL CONSULTANTS**  
C-53, BLOCK-C, JANGPURA EXTENTION  
NEW DELHI-110014  
EMAIL: [INFO@ALCADVOCATES.COM](mailto:INFO@ALCADVOCATES.COM)

1383

**BEFORE THE NATIONAL GREEN TRIBUNAL  
PRINCIPAL BENCH, NEW DELHI**

(Under Section 14 and 15 of the National Green Tribunal Act, 2010)

**Original Application No. 955/2024**

President Municipal Committee Thathri ...Applicant

**Versus**

Union Territory of J&K & others ...Respondents

**AFFIDAVIT**

I, T. Ashok Reddy, S/o T. Pratap Reddy, Aged about 67 years, the Authorised Representative of M/s Megha Engineering & Infrastructures Ltd., S-2, Technocrat Industrial Estate, Balanagar, Hyderabad – 500037, Telengana, do hereby solemnly affirm and declare as under:

- i. That I am the Authorised Representative of the Respondent No.5 in the Original Application and being well conversant with the facts of the case, and am competent to swear to this affidavit.
- ii. That the deponent has gone through the contents mentioned in the accompanying additional response which are true and correct to the best of my knowledge and belied. No part of it is wrong and nothing material has been concealed and misstated.
- iii. That the annexures to the accompanying additional response are true/certified copies of their respective originals.

**Verification**

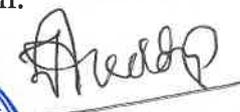
Verified that the contents of above affidavit are true and correct to my knowledge and belief. Nothing material has been concealed or misstated therein.

  
 Deponent  


Verified at Hyderabad on this <sup>29<sup>th</sup></sup> day of April of 2025.

ATTESTED

  
**M. SADA SIVA KUMAR REDDY, B.Com., B.L.,**  
**ADVOCATE & NOTARY**  
 Appointed by Govt., India  
 G.O.Ms.No.198, Rev (Regn-II); dt. 11.04.2000  
 102, Saraswathi Enclave, Bhagyanagar Colony,  
 Kukatpally, Hyderabad, TS, India (Ph:98480 44395)

  
 Deponent  




**Right Bank Zone 1: Wirecrates for River Protection Have Been Installed To Avoid Spillage of Muck Into River**



## Right Bank Zone 1: Wirecrates for River Protection Have Been Installed To Avoid Spillage of Muck Into River



**Left Bank Zone 2: River Protection Work Completed By Installing Wirecrates**



## Left Bank Zone 2: River Protection Work Completed By Installing Crates



Annexure R - 2



SanDisk

www.sandisk.com

Cruzer Blade™ USB 2.0 Flash Drive

System Compatibility

- ✓ Windows 7
- ✓ Windows 8
- ✓ Windows 10
- ✓ Mac OS X v10.9+

• Store, transfer and share video, music and other files  
 • 1GB = 1,000,000,000 bytes (1 billion bytes). Actual capacity may vary due to manufacturer's storage format.

Product Code : SDCZ50-016G-135  
 Product Description : Country Of Origin : Malaysia  
 CZ50 16GB, 1GB=1 Billion bytes. Storage also used for memory optimization and performance. User storage is less than full capacity

Generic Name : USB Flash Drive Net Quantity : 1 Number  
 MRP : Rs. 500.00 (incl. of all Taxes)  
 Package Contains : USB Flash Drive -1 Number  
 Month and Year of Mfg. : December 2014

Manufacturer : Western Digital (UK) Ltd.  
 Plot 3017, MK 13, Batu Kawan,  
 Simpang Ampat, Penang, Malaysia 14100

Importer : BALAJI SOLUTIONS LIMITED  
 Regd. Office : Anmol South City Infra Park Plot No. B4 & B5, Mouza Jagdishpur, JL No 2 Dist HWH, P. S. LILUAH HOWRAH - 711115, West Bengal

Customer Care: The Manager-Customer Service  
 Anmol South City Infra Park Plot No. B4 & B5, Mouza Jagdishpur, JL No 2, Dist HWH, P. S. LILUAH

SanDisk, the SanDisk logo, and the SanDisk logo are trademarks or registered trademarks of Western Digital Corporation in the United States and other countries. Mac OS is a trademark of Apple Inc. All other trademarks are the property of their respective owners.



Made in Malaysia

Europe & Asia: SanDisk International • Third Floor, Broadmeadow Hall, Applewood Village, Swords, Dublin, Ireland  
 Americas: Western Digital Technologies, Inc. • 951 SanDisk Drive, Milpitas, CA 95035, U.S.A.  
 © 2019 Western Digital Corporation or its affiliates. All rights reserved.  
 Western Digital Technologies, Inc. is the seller of record and licensee in the Americas of SanDisk® products.



# 1390 Annexure R - 3(Colly)

## Idma Laboratories Limited



### TEST REPORT

Lab No.	200325L-ED-005		Page No. 1/2	
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir			
Type of Sample#	Surface Water			
Customer's Description of Sample#	Surface Water			
Quantity#	1 Ltr.			
Packing, Markings, Seal & Quantity#	Plastic Bottle.			
Mode of Collection of Sample	Sampling by Laboratories			
Work Order No.#	E-MAIL	Dated	01/01/2025	
Date of Receipt of Sample	20/03/2025			
Period of Analysis	20/03/2025 To 25/03/2025			
Sampling Team Idma	Idma Representative Team	Client	Mr. Irfan UL-Aziz	
Sampling Location#	Up-Stream Chenab River			
Visual Observation	N/A			
Date of Sampling	18/03/2025			
Date of Reporting	25/03/2025			
Sampling Protocol	IS:17614 (PART-1):2021			
Testing Protocol	-			

### RESULTS

S.No.	Test Parameter	Units	Results	Test Methods
	Chemical Testing (Water)	-	-	-
1	pH	-	7.35	IS 3025 (Part 11)
2	Chloride (as Cl)	mg/L	22.7	IS 3025 (Part 32)
3	Hardness Total (as CaCO <sub>3</sub> )	mg/L	110.4	IS 3025 (Part 21)
4	Oil & Grease	mg/L	<2.5	IS 3025 (Part 39)
5	Total Dissolved Solids	mg/L	137	IS 3025 (Part 16)
6	Sulphate (as SO <sub>4</sub> )	mg/L	5.6	IS 3025 (Part 24)
7	Iron as Fe	mg/L	0.001	IS 3025 (Part 53)
8	Lead as Pb	mg/L	BLQ (LOQ - 0.0005)	IS 3025 (Part 47)
9	Biochemical Oxygen Demand (3-days at 27 °C)	mg/L	<2	IS 3025 (Part 44)

Reviewed by  
**Dipati Jain**  
 Tech. Manager  
 Panchkula

Authorised signatory  
**Kartar Singh**  
 Tech. Mgr.  
 Panchkula

#### **Idma Laboratories Limited**

Idma Corporate Park,  
 391, industrial Area, Phase - 1,  
 Panchkula - 134113,  
 Haryana (India)  
 Tel No. 0172 - 5064827,- 5064830  
 Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
 Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

#### **Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1391 Idma Laboratories Limited



## TEST REPORT

S.No.	Test Parameter	Units	Results	Test Methods
10	Chemical Oxygen Demand	mg/L	<4	IS 3025 (Part 58)
11	Feecal Coliform	MPN/100ml	141	IS 1622:1981

Opinion :

# Represents details provided by the customer.

\*\*End of Report\*\*



### Idma Laboratories Limited

Idma Corporate Park,

391, industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)

Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



### TEST REPORT

Lab No.	200325L-ED-006		Page No. 1/2	
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir			
Type of Sample#	Surface Water			
Customer's Description of Sample#	Surface Water			
Quantity#	1 Ltr.			
Packing, Markings, Seal & Quantity#	Plastic Bottle.			
Mode of Collection of Sample	Sampling by Laboratories			
Work Order No.#	E-MAIL	Dated	01/01/2025	
Date of Receipt of Sample	20/03/2025			
Period of Analysis	20/03/2025 To 25/03/2025			
Sampling Team Idma	Idma Representative Team	Client	Mr. Irfan UL-Aziz	
Sampling Location#	Down-Stream Chenab River			
Visual Observation	N/A			
Date of Sampling	18/03/2025			
Date of Reporting	25/03/2025			
Sampling Protocol	IS:17614 (PART-1):2021			
Testing Protocol	-			

### RESULTS

S.No.	Test Parameter	Units	Results	Test Methods
	Chemical Testing (Water)	-	-	-
1	pH	-	7.51	IS 3025 (Part 11)
2	Chloride (as Cl)	mg/L	18.4	IS 3025 (Part 32)
3	Hardness Total (as CaCO3)	mg/L	108.3	IS 3025 (Part 21)
4	Oil & Grease	mg/L	<2.5	IS 3025 (Part 39)
5	Total Dissolved Solids	mg/L	131	IS 3025 (Part 16)
6	Sulphate (as SO4)	mg/L	5.0	IS 3025 (Part 24)
7	Iron as Fe	mg/L	0.0009	IS 3025 (Part 53)
8	Lead as Pb	mg/L	BLQ (LOQ-0.0005)	IS 3025 (Part 47)
9	Biochemical Oxygen Demand (3-days at 27 °C)	mg/L	<2	IS 3025 (Part 44)

Reviewed by  
*Dipti Jain*  
Asst. Tech. Manager

Authorised signatory  
*Kartar Singh*  
Tech. Mgr.  
03/25

#### **Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827, - 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

#### **Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

S.No.	Test Parameter	Units	Results	Test Methods
10	Chemical Oxygen Demand	mg/L	<4	IS 3025 (Part 58)
11	Feecal Coliform	MPN/100ml	175	IS 1622:1981

Opinion :

# Represents details provided by the customer.

\*\*End of Report\*\*

Reviewed by  
*Dipti Jain*  
Dipti Jain  
Asst. Tech. Manager  
Panchkula

Authorised signatory  
*Kantar Singh*  
Kantar Singh  
Panchkula

**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827,- 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

Lab No.	130325N-E-005			Page No.	1/2
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir				
Type of Sample#	Surface Water				
Customer's Description of Sample#	Surface Water				
Quantity#	5 Ltr.				
Packing, Markings, Seal & Quantity#	Plastic Can.				
Mode of Collection of Sample	Sampling by Laboratories				
Work Order No.#	E-MAIL	Dated	01/01/2025		
Date of Receipt of Sample	13/03/2025				
Period of Analysis	13/03/2025 To 20/03/2025				
Sampling Team Idma	Idma Representative Team	Client	Mr. Irfan UL Aziz		
Sampling Location#	Up-Stream Chenab River				
Visual Observation	N/A				
Date of Sampling	11/03/2025				
Date of Reporting	20/03/2025				
Sampling Protocol	IS:17614 (PART-1):2021				
Testing Protocol	-				

**RESULTS**

S.No.	Test Parameter	Units	Results	Test Method
	Chemical Testing ( Water )	-	-	-
1	pH	-	7.36	APHA 4500H+B 24th Edition, 2023
2	Chloride as Cl	mg/L	28.3	APHA 4500Cl- B 24th Edition, 2023
3	Hardness Total (as CaCO <sub>3</sub> )	mg/L	121	APHA 2340C 24th Edition, 2023
4	Oil & Grease	mg/L	<2.5	APHA 5500 B 24th Edition, 2023
5	Total Dissolved Solids	mg/L	157	APHA 2540 C 24th Edition, 2023
6	Sulphate as SO <sub>4</sub>	mg/L	8.7	APHA 4500-SO <sub>4</sub> -4 E 24th Edition, 2023
7	Iron as Fe	mg/L	<0.0005	APHA 3120 B 24th Edition, 2023
8	Lead as Pb	mg/L	<0.0005	APHA 3120 B 24th Edition, 2023
9	Faecal Coliforms	MPN/100ml	221	APHA 9221 B & C 24th Edition 2023



**Idma Laboratories Limited** **Disclaimer :**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827,- 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1395 Idma Laboratories Limited

## TEST REPORT

Lab No.		130325N-E-005		Page No. 2/2	
S.No.	Test Parameter	Units	Results	Test Method	
10	Biochemical Oxygen Demand (3-days at 27 °C)	mg/L	<2	CPCB Guide Manual:Water & waste water Analysis	
11	Chemical Oxygen Demand	mg/L	<4	CPCB Guide Manual:Water & waste water Analysis	

Opinion :

# Represents details provided by the customer.

\*\*End of Report\*\*



Authorised signatory



### Idma Laboratories Limited

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)

Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1396 Idma Laboratories Limited

## TEST REPORT

Lab No.	130325N-E-006			Page No.	1/2
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir				
Type of Sample#	Surface Water				
Customer's Description of Sample#	Surface Water				
Quantity#	5 Ltr.				
Packing, Markings, Seal & Quantity#	Plastic Can.				
Mode of Collection of Sample	Sampling by Laboratories				
Work Order No.#	E-MAIL	Dated	01/01/2025		
Date of Receipt of Sample	13/03/2025				
Period of Analysis	13/03/2025 To 20/03/2025				
Sampling Team Idma	Idma Representative Team	Client	Mr. Irfan UL Aziz		
Sampling Location#	Down-Stream Chenab River				
Visual Observation	N/A				
Date of Sampling	11/03/2025				
Date of Reporting	20/03/2025				
Sampling Protocol	IS:17614 (PART-1):2021				
Testing Protocol	-				

## RESULTS

S.No.	Test Parameter	Units	Results	Test Method
	Chemical Testing ( Water )	-	-	-
1	pH	-	7.62	APHA 4500H+B 24th Edition, 2023
2	Chloride as Cl	mg/L	43.4	APHA 4500Cl- B 24th Edition, 2023
3	Hardness Total (as CaCO <sub>3</sub> )	mg/L	122	APHA 2340C 24th Edition, 2023
4	Oil & Grease	mg/L	<2.5	APHA 5500 B 24th Edition, 2023
5	Total Dissolved Solids	mg/L	196	APHA 2540 C 24th Edition, 2023
6	Sulphate as SO <sub>4</sub>	mg/L	7.6	APHA 4500-SO <sub>4</sub> -4 E 24th Edition, 2023
7	Iron as Fe	mg/L	<0.0005	APHA 3120 B 24th Edition, 2023
8	Lead as Pb	mg/L	<0.0005	APHA 3120 B 24th Edition, 2023
9	Faecal Coliforms	MPN/100ml	253	APHA 9221 B & C 24th Edition 2023



### Idma Laboratories Limited

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827,- 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1397 Idma Laboratories Limited

## TEST REPORT

Lab No.		130325N-E-006		Page No. 2/2	
S.No.	Test Parameter	Units	Results	Test Method	
10	Biochemical Oxygen Demand (3-days at 27 °C)	mg/L	<2	CPCB Guide Manual:Water & waste water Analysis	
11	Chemical Oxygen Demand	mg/L	<4	CPCB Guide Manual:Water & waste water Analysis	

Opinion :

# Represents details provided by the customer.

\*\*End of Report\*\*



Authorised signatory



### Idma Laboratories Limited

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)

Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830

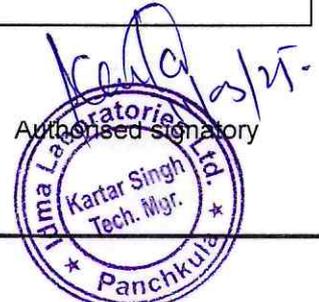


## TEST REPORT

Lab No.	060325N-E-005	Page No. 1/2
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir	
Type of Sample#	Surface Water	
Customer's Description of Sample#	Surface Water	
Quantity#	5 Ltr.	
Packing, Markings, Seal & Quantity#	Plastic Can.	
Mode of Collection of Sample	Sampling by Laboratories	
Work Order No.#	E-MAIL	Dated 01/01/2025
Date of Receipt of Sample	06/03/2025	
Period of Analysis	06/03/2025 To 11/03/2025	
Sampling Team Idma	Idma Representative Team	Client Mr. Aziz Tantry
Sampling Location#	Up-Stream Chenab River	
Visual Observation	N/A	
Date of Sampling	05/03/2025	
Date of Reporting	11/03/2025	
Sampling Protocol	IS:17614 (PART-1):2021	
Testing Protocol	--	

### RESULTS

S.No.	Test Parameter	Units	Results	Test Method
	Chemical Testing ( Water )	-	-	-
1	pH	-	7.39	APHA 4500H+B 24th Edition, 2023
2	Chloride as Cl	mg/L	20.1	APHA 4500Cl- B 24th Edition, 2023
3	Hardness Total (as CaCO <sub>3</sub> )	mg/L	137	APHA 2340C 24th Edition, 2023
4	Oil & Grease	mg/L	<2.5	APHA 5500 B 24th Edition, 2023
5	Total Dissolved Solids	mg/L	176	APHA 2540 C 24th Edition, 2023
6	Sulphate as SO <sub>4</sub>	mg/L	8.4	APHA 4500-SO <sup>2</sup> -4 E 24th Edition, 2023
7	Iron as Fe	mg/L	0.001	APHA 3120 B 24th Edition, 2023
8	Lead as Pb	mg/L	BLQ(LOQ-0.0005)	APHA 3120 B 24th Edition, 2023
9	Faecal Coliforms	mpn/100ML	120	IS 1622:1981



### Idma Laboratories Limited

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827,- 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer :

- This Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1399 Idma Laboratories Limited

## TEST REPORT

Lab No.		060325N-E-005		Page No. 2/2	
S.No.	Test Parameter	Units	Results	Test Method	
10	Biochemical Oxygen Demand (3-days at 27 °C)	mg/L	<2	CPCB Guide Manual:Water & waste water Analysis	
11	Chemical Oxygen Demand	mg/L	<4	CPCB Guide Manual:Water & waste water Analysis	

Opinion :

# Represents details provided by the customer.

\*\*End of Report\*\*



Authorised signatory



### Idma Laboratories Limited

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)

Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discipancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

Lab No.	060325N-E-006		Page No. 1/2	
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir			
Type of Sample#	Surface Water			
Customer's Description of Sample#	Surface Water			
Quantity#	5 Ltr.			
Packing, Markings, Seal & Quantity#	Plastic Can.			
Mode of Collection of Sample	Sampling by Laboratories			
Work Order No.#	E-MAIL	Dated	01/01/2025	
Date of Receipt of Sample	06/03/2025			
Period of Analysis	06/03/2025 To 11/03/2025			
Sampling Team Idma	Idma Representative Team	Client	Mr. Aziz Tantry	
Sampling Location#	Down-Stream Chenab River			
Visual Observation	N/A			
Date of Sampling	05/03/2025			
Date of Reporting	11/03/2025			
Sampling Protocol	IS:17614 (PART-1):2021			
Testing Protocol	--			

**RESULTS**

S.No.	Test Parameter	Units	Results	Test Method
	Chemical Testing ( Water )	-	-	-
1	pH	-	7.21	APHA 4500H+B 24th Edition, 2023
2	Chloride as Cl	mg/L	18.6	APHA 4500Cl- B 24th Edition, 2023
3	Hardness Total (as CaCO3)	mg/L	128	APHA 2340C 24th Edition, 2023
4	Oil & Grease	mg/L	<2.5	APHA 5500 B 24th Edition, 2023
5	Total Dissolved Solids	mg/L	174	APHA 2540 C 24th Edition, 2023
6	Sulphate as SO4	mg/L	8.0	APHA 4500-SO <sup>2</sup> -4 E 24th Edition, 2023
7	Iron as Fe	mg/L	0.001	APHA 3120 B 24th Edition, 2023
8	Lead as Pb	mg/L	BLQ(LOQ-0.0005)	APHA 3120 B 24th Edition, 2023
9	Faecal Coliforms	MPN/100ml	141	IS 1622:1981



**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)

Tel No. 0172 - 5064827, - 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)

Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1401 Idma Laboratories Limited

## TEST REPORT

Lab No.		060325N-E-006		Page No. 2/2	
S.No.	Test Parameter	Units	Results	Test Method	
10	Biochemical Oxygen Demand (3-days at 27 °C)	mg/L	<2	CPCB Guide Manual:Water & waste water Analysis	
11	Chemical Oxygen Demand	mg/L	<4	CPCB Guide Manual:Water & waste water Analysis	

Opinion :

# Represents details provided by the customer.

\*\*End of Report\*\*



### Idma Laboratories Limited

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827,- 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discipancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

ULR : TC820725700005659F

Lab No.	240225L-FD-018	Page No. 1/3
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir	
Type of Sample#	Drinking Water (Borewell)	
Customer's Description of Sample#	Drinking Water (Borewell)	
Quantity#	5 Ltr.	
Packing, Markings, Seal & Quantity#	Plastic Can. (Loc.Borewell Near Batching Plant CP-30, Up-Stream)	
Mode of Collection of Sample	Sample collected by Lab Person.	
Work Order No.#	E-MAIL	Dated 01/01/2025
Date of Receipt of Sample	24/02/2025	
Period of Analysis	24/02/2025 To 04/03/2025	
Visual Observation	N/A	
Date of Reporting	04/03/2025	
Testing Protocol	IS 10500:2012 Amdt 1 to 4	

**RESULTS**

S.No.	Test Parameter	Units	Results	Requirements		Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
	Chemical Testing (Water)	-	-	-	-	-
1	Color	Hazen	<1	Max. 5	Max. 15	IS 3025 (Part 4) : 2021
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5) : 2018
3	pH	-	7.58	6.5-8.5	No Relaxation	IS 3025 (Part 11) :2022
4	Total Alkalinity (as CaCO3)	mg/L	104.16	Max. 200	Max. 600	IS 3025 (Part 23) :2023
5	Boron	mg/L	0.058	Max. 0.5	Max. 2.4	IS 3025 (Part 57) : 2021
6	Calcium (as Ca)	mg/L	53.57	Max. 75	Max. 200	IS 3025 (Part 40) : 2024
7	Chloride (as Cl)	mg/L	20.55	Max. 250	Max. 1000	IS 3025 (Part 32) : 1988
8	Cyanide (as CN)	mg/L	BLQ (LOQ-0.05)	Max. 0.05	No Relaxation	IS 3025 (Part 27) : 1986
9	Fluoride (as F)	mg/L	0.2	Max. 1	Max. 1.5	IS 3025 (Part 60) : 2008
10	Total Hardness (as CaCO3)	mg/L	181.44	Max. 200	Max. 600	IS 3025 (Part 21) : 2009

Reviewed by

**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827,- 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1403 Idma Laboratories Limited



## TEST REPORT

ULR : TC820725700005659F

Lab No.		240225L-FD-018				Page No. 2/3
S.No.	Test Parameter	Units	Results	Requirements		Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
11	Total Dissolved Solids	mg/L	281.0	Max. 500	Max. 2000	IS 3025 (Part 16) : 2023
12	Sulphate (as SO4)	mg/L	8.16	Max. 200	Max. 400	IS 3025 (Part 24/Sec 1) : 2022
13	Turbidity	NTU	<1	Max. 1	Max. 5	IS 3025 (Part 10) : 2023
14	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8) :2023
15	Free Residual chlorine	mg/L	BLQ (LOQ-0.1)	Min. 0.2	Min.1.0	IS 3025 (Part 26) : 2021
16	Cadmium (as Cd)	mg/L	BLQ (LOQ-0.0005)	Max. 0.003	No Relaxation	IS 3025 (Part 41) :2023
17	Copper (as Cu)	mg/L	0.003	Max. 0.05	Max. 1.5	IS 3025 (Part 42) : 1992
18	Iron (as Fe)	mg/L	BLQ (LOQ-0.0005)	Max. 1.0	No Relaxation	IS 3025 (Part 53) : 2003
19	Manganese (as Mn)	mg/L	BLQ (LOQ-0.0005)	Max. 0.1	Max. 0.3	IS 3025 (Part 59) : 2006
20	Nickel (as Ni)	mg/L	BLQ (LOQ-0.0005)	Max. 0.02	No Relaxation	IS 3025 (Part 54) : 2003
21	Zinc (as Zn)	mg/L	0.001	Max. 5	Max. 15	IS 3025 (Part 49) : 1994
22	Aluminum (as Al)	mg/L	BLQ (LOQ-0.0005)	Max. 0.03	Max. 0.2	IS 3025 (Part 55) : 2003
23	Selenium (as Se)	mg/L	0.003	Max. 0.01	No Relaxation	IS 3025 (Part 56) : 2003 or IS:15303:2003
24	Silver (as Ag)	mg/L	BLQ (LOQ-0.0005)	Max. 0.1	No Relaxation	Annex J of IS: 13428 : 2005
25	Mercury (as Hg)	mg/L	BLQ (LOQ-0.0005)	Max. 0.001	No Relaxation	IS 3025 (Part 48) :1994
26	Magnesium (as Mg)	mg/L	11.55	Max. 30	Max. 100	IS 3025 (Part 46) :2023
27	Sodium as Na	mg/L	1.8	-	-	IS 3025 (Part-45): 1993
28	Potassium as K	mg/L	1.3	-	-	IS 3025 (Part-45): 1993

Reviewed by

### Idma Laboratories Limited

Idma Corporate Park,  
 391, industrial Area, Phase - 1,  
 Panchkula - 134113,  
 Haryana (India)  
 Tel No. 0172 - 5064827,- 5064830  
 Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
 Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

ULR : TC820725700005659F

Lab No.		240225L-FD-018				Page No. 3/3
S.No.	Test Parameter	Units	Results	Requirements		Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
29	Total Arsenic (as As)	mg/L	BLQ (LOQ-0.0005)	Max. 0.01	No Relaxation	IS 3025 (Part 37) :2022
30	Total Chromium (as Cr)	mg/L	BLQ (LOQ-0.0005)	Max. 0.05	No Relaxation	IS 3025 (Part 52) : 2003
	Biological Testing (Water)	--	-	--	--	--
31	E. coli	/100ml	Absent	Shall not be detectable in any 100ml sample	--	IS 15185: 2016
32	Total Coliform Bacteria	/100ml	Absent	Shall not be detectable in any 100ml sample	--	IS 15185: 2016

**Opinion :**

Remarks:- The test report pertains to the sample, as collected by IDMA lab representative and the result related only to the tested BLQ : Below limit of quantification, LOQ :limit of quantification

# Represents details provided by the customer.

**\*\*End of Report\*\***

Reviewed by

Authorised signatory

**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827,- 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1405 Idma Laboratories Limited



## TEST REPORT

ULR : TC820725700005660F

Lab No.	240225L-FD-019		Page No. 1/3
Customer#	Megha Engineering & Infrastructures Limited Rattle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	Drinking Water (Borewell)		
Customer's Description of Sample#	Drinking Water (Borewell)		
Quantity#	5 Ltr.		
Packing, Markings, Seal & Quantity#	Plastic Can. (Loc. Borewell Infront Mess Up-Stream)		
Mode of Collection of Sample	Sample collected by Lab Person.		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	24/02/2025		
Period of Analysis	24/02/2025 To 04/03/2025		
Visual Observation	N/A		
Date of Reporting	04/03/2025		
Testing Protocol	IS 10500:2012 Amdt 1 to 4		

### RESULTS

S.No.	Test Parameter	Units	Results	Requirements		Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
	Chemical Testing (Water)	-	-	-	-	-
1	Color	Hazen	<1	Max. 5	Max. 15	IS 3025 (Part 4) : 2021
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5) : 2018
3	pH	-	7.68	6.5-8.5	No Relaxation	IS 3025 (Part 11) :2022
4	Total Alkalinity (as CaCO3)	mg/L	95.48	Max. 200	Max. 600	IS 3025 (Part 23) :2023
5	Boron	mg/L	0.059	Max. 0.5	Max. 2.4	IS 3025 (Part 57) : 2021
6	Calcium (as Ca)	mg/L	60.48	Max. 75	Max. 200	IS 3025 (Part 40) : 2024
7	Chloride (as Cl)	mg/L	17.37	Max. 250	Max. 1000	IS 3025 (Part 32) : 1988
8	Cyanide (as CN)	mg/L	BLQ (LOQ-0.05)	Max. 0.05	No Relaxation	IS 3025 (Part 27) : 1986
9	Fluoride (as F)	mg/L	0.2	Max. 1	Max. 1.5	IS 3025 (Part 60) : 2008
10	Total Hardness (as CaCO3)	mg/L	190.08	Max. 200	Max. 600	IS 3025 (Part 21) : 2009

Reviewed by

### Idma Laboratories Limited

Idma Corporate Park,  
 391, industrial Area, Phase - 1,  
 Panchkula - 134113,  
 Haryana (India)  
 Tel No. 0172 - 5064827,- 5064830  
 Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
 Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1406 Idma Laboratories Limited



## TEST REPORT

ULR : TC820725700005660F

Lab No.		240225L-FD-019				Page No. 2/3
S.No.	Test Parameter	Units	Results	Requirements		Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
11	Total Dissolved Solids	mg/L	276.0	Max. 500	Max. 2000	IS 3025 (Part 16) : 2023
12	Sulphate (as SO4)	mg/L	8.62	Max. 200	Max. 400	IS 3025 (Part 24/Sec 1) : 2022
13	Turbidity	NTU	<1	Max. 1	Max. 5	IS 3025 (Part 10) : 2023
14	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8) :2023
15	Free Residual chlorine	mg/L	BLQ (LOQ-0.1)	Min. 0.2	Min.1.0	IS 3025 (Part 26) : 2021
16	Cadmium (as Cd)	mg/L	BLQ (LOQ-0.0005)	Max. 0.003	No Relaxation	IS 3025 (Part 41) :2023
17	Copper (as Cu)	mg/L	BLQ (LOQ-0.0005)	Max. 0.05	Max. 1.5	IS 3025 (Part 42) : 1992
18	Iron (as Fe)	mg/L	0.002	Max. 1.0	No Relaxation	IS 3025 (Part 53) : 2003
19	Manganese (as Mn)	mg/L	0.001	Max. 0.1	Max. 0.3	IS 3025 (Part 59) : 2006
20	Nickel (as Ni)	mg/L	BLQ (LOQ-0.0005)	Max. 0.02	No Relaxation	IS 3025 (Part 54) : 2003
21	Zinc (as Zn)	mg/L	0.001	Max. 5	Max. 15	IS 3025 (Part 49) : 1994
22	Aluminum (as Al)	mg/L	BLQ (LOQ-0.0005)	Max. 0.03	Max. 0.2	IS 3025 (Part 55) : 2003
23	Selenium (as Se)	mg/L	BLQ (LOQ-0.0005)	Max. 0.01	No Relaxation	IS 3025 (Part 56) : 2003 or IS:15303:2003
24	Silver (as Ag)	mg/L	BLQ (LOQ-0.0005)	Max. 0.1	No Relaxation	Annex J of IS: 13428 : 2005
25	Mercury (as Hg)	mg/L	BLQ (LOQ-0.0005)	Max. 0.001	No Relaxation	IS 3025 (Part 48) :1994
26	Magnesium (as Mg)	mg/L	9.45	Max. 30	Max. 100	IS 3025 (Part 46) :2023
27	Sodium as Na	mg/L	1.43	-	-	IS 3025 (Part-45): 1993
28	Potassium as K	mg/L	1.21	-	-	IS 3025 (Part-45): 1993

Reviewed by   
  
 Ranjna  
 Tech. Mgr.

Authorised signatory   
  
 Dr. Indra Raj  
 V.P Tech-IV

### Idma Laboratories Limited

Idma Corporate Park,  
 391, industrial Area, Phase - 1,  
 Panchkula - 134113,  
 Haryana (India)  
 Tel No. 0172 - 5064827,- 5064830  
 Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
 Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1407 Idma Laboratories Limited



## TEST REPORT

ULR : TC820725700005660F

Lab No.		240225L-FD-019				Page No. 3/3
S.No.	Test Parameter	Units	Results	Requirements		Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
29	Total Arsenic (as As)	mg/L	BLQ (LOQ-0.0005)	Max. 0.01	No Relaxation	IS 3025 (Part 37) :2022
30	Total Chromium (as Cr)	mg/L	BLQ (LOQ-0.0005)	Max. 0.05	No Relaxation	IS 3025 (Part 52) : 2003
	Biological Testing (Water)	--	-	--	--	--
31	E. coli	/100ml	Absent	Shall not be detectable in any 100ml sample	--	IS 15185: 2016
32	Total Coliform Bacteria	/100ml	Absent	Shall not be detectable in any 100ml sample	--	IS 15185: 2016

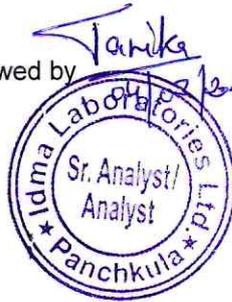
**Opinion :**

Remarks:- The test report pertains to the sample, as collected by IDMA lab representative and the result related only to the tested BLQ : Below limit of quantification, LOQ :limit of quantification

# Represents details provided by the customer.

**\*\*End of Report\*\***

Reviewed by



Authorised signatory



### Idma Laboratories Limited

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)

Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1408 Idma Laboratories Limited



## TEST REPORT

ULR : TC820725700005661F

Lab No.	240225L-FD-020		Page No. 1/3
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	Drinking Water (RO - Outlet)		
Customer's Description of Sample#	Drinking Water (RO - Outlet)		
Quantity#	5 Ltr.		
Packing, Markings, Seal & Quantity#	Plastic Can. (Loc. RO- Plant Near Nallah)		
Mode of Collection of Sample	Sample collected by Lab Person.		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	24/02/2025		
Period of Analysis	24/02/2025 To 04/03/2025		
Visual Observation	N/A		
Date of Reporting	04/03/2025		
Testing Protocol	IS 10500:2012 Amdt 1 to 4		

### RESULTS

S.No.	Test Parameter	Units	Results	Requirements		Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
	Chemical Testing (Water)	-	-	-	-	-
1	Color	Hazen	<1	Max. 5	Max. 15	IS 3025 (Part 4) : 2021
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5) : 2018
3	pH	-	7.31	6.5-8.5	No Relaxation	IS 3025 (Part 11) :2022
4	Total Alkalinity (as CaCO <sub>3</sub> )	mg/L	60.76	Max. 200	Max. 600	IS 3025 (Part 23) :2023
5	Boron	mg/L	0.052	Max. 0.5	Max. 2.4	IS 3025 (Part 57) : 2021
6	Calcium (as Ca)	mg/L	23.33	Max. 75	Max. 200	IS 3025 (Part 40) : 2024
7	Chloride (as Cl)	mg/L	12.23	Max. 250	Max. 1000	IS 3025 (Part 32) : 1988
8	Cyanide (as CN)	mg/L	BLQ (LOQ-0.05)	Max. 0.05	No Relaxation	IS 3025 (Part 27) : 1986
9	Fluoride (as F)	mg/L	0.2	Max. 1	Max. 1.5	IS 3025 (Part 60) : 2008
10	Total Hardness (as CaCO <sub>3</sub> )	mg/L	79.92	Max. 200	Max. 600	IS 3025 (Part 21) : 2009

Reviewed by

Approved Signatory

### Idma Laboratories Limited

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827, - 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1409 Idma Laboratories Limited



## TEST REPORT

ULR : TC820725700005661F

Lab No.		240225L-FD-020				Page No. 2/3
S.No.	Test Parameter	Units	Results	Requirements		Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
11	Total Dissolved Solids	mg/L	113.0	Max. 500	Max. 2000	IS 3025 (Part 16) : 2023
12	Sulphate (as SO4)	mg/L	4.3	Max. 200	Max. 400	IS 3025 (Part 24/Sec 1) : 2022
13	Turbidity	NTU	<1	Max. 1	Max. 5	IS 3025 (Part 10) : 2023
14	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8) :2023
15	Free Residual chlorine	mg/L	BLQ (LOQ-0.1)	Min. 0.2	Min.1.0	IS 3025 (Part 26) : 2021
16	Cadmium (as Cd)	mg/L	BLQ (LOQ-0.0005)	Max. 0.003	No Relaxation	IS 3025 (Part 41) :2023
17	Copper (as Cu)	mg/L	BLQ (LOQ-0.0005)	Max. 0.05	Max. 1.5	IS 3025 (Part 42) : 1992
18	Iron (as Fe)	mg/L	0.001	Max. 1.0	No Relaxation	IS 3025 (Part 53) : 2003
19	Manganese (as Mn)	mg/L	BLQ (LOQ-0.0005)	Max. 0.1	Max. 0.3	IS 3025 (Part 59) : 2006
20	Nickel (as Ni)	mg/L	BLQ (LOQ-0.0005)	Max. 0.02	No Relaxation	IS 3025 (Part 54) : 2003
21	Zinc (as Zn)	mg/L	0.002	Max. 5	Max. 15	IS 3025 (Part 49) : 1994
22	Aluminum (as Al)	mg/L	BLQ (LOQ-0.0005)	Max. 0.03	Max. 0.2	IS 3025 (Part 55) : 2003
23	Selenium (as Se)	mg/L	BLQ (LOQ-0.0005)	Max. 0.01	No Relaxation	IS 3025 (Part 56) : 2003 or IS:15303:2003
24	Silver (as Ag)	mg/L	BLQ (LOQ-0.0005)	Max. 0.1	No Relaxation	Annex J of IS: 13428 : 2005
25	Mercury (as Hg)	mg/L	BLQ (LOQ-0.0005)	Max. 0.001	No Relaxation	IS 3025 (Part 48) :1994
26	Magnesium (as Mg)	mg/L	5.25	Max. 30	Max. 100	IS 3025 (Part 46) :2023

Reviewed by

### Idma Laboratories Limited

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827,- 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1410 Idma Laboratories Limited



## TEST REPORT

ULR : TC820725700005661F

Lab No.		240225L-FD-020				Page No. 3/3
S.No.	Test Parameter	Units	Results	Requirements		Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
27	Sodium as Na	mg/L	1.3	-	-	IS 3025 (Part-45): 1993
28	Potassium as K	mg/L	1.1	-	-	IS 3025 (Part-45): 1993
29	Total Arsenic (as As)	mg/L	BLQ (LOQ-0.0005)	Max. 0.01	No Relaxation	IS 3025 (Part 37) :2022
30	Total Chromium (as Cr)	mg/L	BLQ (LOQ-0.0005)	Max. 0.05	No Relaxation	IS 3025 (Part 52) : 2003
	Biological Testing (Water)	--	--	--	--	--
31	E. coli	/100ml	Absent	Shall not be detectable in any 100ml sample	--	IS 15185: 2016
32	Total Coliform Bacteria	/100ml	Absent	Shall not be detectable in any 100ml sample	--	IS 15185: 2016

### Opinion :

Remarks:- The test report pertains to the sample, as collected by IDMA lab representative and the result related only to the tested BLQ : Below limit of quantification, LOQ :limit of quantification

# Represents details provided by the customer.

\*\*End of Report\*\*

Reviewed by



Authorised signatory



### Idma Laboratories Limited

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827,- 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1411 Idma Laboratories Limited



## TEST REPORT

ULR : TC820725700005662F

Lab No.	240225L-FD-021	Page No. 1/3
Customer#	Megha Engineering & Infrastructures Limited Rattle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir	
Type of Sample#	Drinking Water (Borewell)	
Customer's Description of Sample#	Drinking Water (Borewell)	
Quantity#	5 Ltr.	
Packing, Markings, Seal & Quantity#	Plastic Can. (Loc. Borewell Near Mesh Down Stream)	
Mode of Collection of Sample	Sample collected by Lab Person.	
Work Order No.#	E-MAIL	Dated 01/01/2025
Date of Receipt of Sample	24/02/2025	
Period of Analysis	24/02/2025 To 04/03/2025	
Visual Observation	N/A	
Date of Reporting	04/03/2025	
Testing Protocol	IS 10500:2012 Amdt 1 to 4	

### RESULTS

S.No.	Test Parameter	Units	Results	Requirements		Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
	Chemical Testing (Water)	-	-	-	-	-
1	Color	Hazen	<1	Max. 5	Max. 15	IS 3025 (Part 4) : 2021
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5) : 2018
3	pH	-	7.48	6.5-8.5	No Relaxation	IS 3025 (Part 11) :2022
4	Total Alkalinity (as CaCO3)	mg/L	104.16	Max. 200	Max. 600	IS 3025 (Part 23) :2023
5	Boron	mg/L	0.067	Max. 0.5	Max. 2.4	IS 3025 (Part 57) : 2021
6	Calcium (as Ca)	mg/L	63.07	Max. 75	Max. 200	IS 3025 (Part 40) : 2024
7	Chloride (as Cl)	mg/L	22.50	Max. 250	Max. 1000	IS 3025 (Part 32) : 1988
8	Cyanide (as CN)	mg/L	BLQ (LOQ-0.05)	Max. 0.05	No Relaxation	IS 3025 (Part 27) : 1986
9	Fluoride (as F)	mg/L	0.2	Max. 1	Max. 1.5	IS 3025 (Part 60) : 2008
10	Total Hardness (as CaCO3)	mg/L	209.52	Max. 200	Max. 600	IS 3025 (Part 21) : 2009

Reviewed by

Authorized Signatory

#### Idma Laboratories Limited

Idma Corporate Park,

391, industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827, - 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)

Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

#### Disclaimer

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1412 Idma Laboratories Limited



## TEST REPORT

ULR : TC820725700005662F

Lab No.		240225L-FD-021				Page No. 2/3
S.No.	Test Parameter	Units	Results	Requirements		Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
11	Total Dissolved Solids	mg/L	308.0	Max. 500	Max. 2000	IS 3025 (Part 16) : 2023
12	Sulphate (as SO4)	mg/L	10.60	Max. 200	Max. 400	IS 3025 (Part 24/Sec 1) : 2022
13	Turbidity	NTU	<1	Max. 1	Max. 5	IS 3025 (Part 10) : 2023
14	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8) :2023
15	Free Residual chlorine	mg/L	BLQ (LOQ-0.1)	Min. 0.2	Min.1.0	IS 3025 (Part 26) : 2021
16	Cadmium (as Cd)	mg/L	BLQ (LOQ-0.0005)	Max. 0.003	No Relaxation	IS 3025 (Part 41) :2023
17	Copper (as Cu)	mg/L	BLQ (LOQ-0.0005)	Max. 0.05	Max. 1.5	IS 3025 (Part 42) : 1992
18	Iron (as Fe)	mg/L	0.003	Max. 1.0	No Relaxation	IS 3025 (Part 53) : 2003
19	Manganese (as Mn)	mg/L	0.001	Max. 0.1	Max. 0.3	IS 3025 (Part 59) : 2006
20	Nickel (as Ni)	mg/L	0.001	Max. 0.02	No Relaxation	IS 3025 (Part 54) : 2003
21	Zinc (as Zn)	mg/L	BLQ (LOQ-0.0005)	Max. 5	Max. 15	IS 3025 (Part 49) : 1994
22	Aluminum (as Al)	mg/L	0.001	Max. 0.03	Max. 0.2	IS 3025 (Part 55) : 2003
23	Selenium (as Se)	mg/L	BLQ (LOQ-0.0005)	Max. 0.01	No Relaxation	IS 3025 (Part 56) : 2003 or IS:15303:2003
24	Silver (as Ag)	mg/L	BLQ (LOQ-0.0005)	Max. 0.1	No Relaxation	Annex J of IS: 13428 : 2005
25	Mercury (as Hg)	mg/L	BLQ (LOQ-0.0005)	Max. 0.001	No Relaxation	IS 3025 (Part 48) :1994
26	Magnesium (as Mg)	mg/L	12.60	Max. 30	Max. 100	IS 3025 (Part 46) :2023
27	Sodium as Na	mg/L	1.8	-	-	IS 3025 (Part-45): 1993
28	Potassium as K	mg/L	1.2	-	-	IS 3025 (Part-45): 1993
29	Total Arsenic (as As)	mg/L	BLQ (LOQ-0.0005)	Max. 0.01	No Relaxation	IS 3025 (Part 37) :2022

Reviewed by

Authorised Signatory

### Idma Laboratories Limited

Idma Corporate Park,  
 391, industrial Area, Phase - 1,  
 Panchkula - 134113,  
 Haryana (India)  
 Tel No. 0172 - 5064827,- 5064830  
 Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
 Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1413 Idma Laboratories Limited



## TEST REPORT

ULR : TC820725700005662F

Lab No.		240225L-FD-021				Page No. 3/3
S.No.	Test Parameter	Units	Results	Requirements		Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
29			)			
30	Total Chromium (as Cr)	mg/L	BLQ (LOQ-0.0005 )	Max. 0.05	No Relaxation	IS 3025 (Part 52) : 2003
	Biological Testing (Water)	--	-	--	--	--
31	E. coli	/100ml	Absent	Shall not be detectable in any 100ml sample	--	IS 15185: 2016
32	Total Coliform Bacteria	/100ml	Absent	Shall not be detectable in any 100ml sample	--	IS 15185: 2016

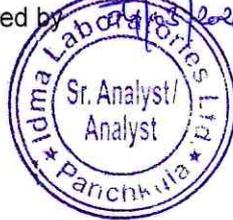
### Opinion :

Remarks:- The test report pertains to the sample, as collected by IDMA lab representative and the result related only to the tested BLQ : Below limit of quantification, LOQ :limit of quantification

# Represents details provided by the customer.

\*\*End of Report\*\*

Reviewed by



Authorised Signatory



### Idma Laboratories Limited

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)

Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1414 Idma Laboratories Limited



## TEST REPORT

ULR : TC820725700005663F

Lab No.	240225L-FD-022		Page No. 1/3
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	Drinking Water (Raw Water)		
Customer's Description of Sample#	Drinking Water (Raw Water)		
Quantity#	5 Ltr.		
Packing, Markings, Seal & Quantity#	Plastic Can. (Loc. Natural Source Chashma Near GVK Colony)		
Mode of Collection of Sample	Sample collected by Lab Person.		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	24/02/2025		
Period of Analysis	24/02/2025 To 04/03/2025		
Visual Observation	N/A		
Date of Reporting	04/03/2025		
Testing Protocol	IS 10500:2012 Amdt 1 to 4		

### RESULTS

S.No.	Test Parameter	Units	Results	Requirements		Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
	Chemical Testing (Water)	-	-	-	-	-
1	Color	Hazen	<1	Max. 5	Max. 15	IS 3025 (Part 4) : 2021
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5) : 2018
3	pH	-	7.74	6.5-8.5	No Relaxation	IS 3025 (Part 11) :2022
4	Total Alkalinity (as CaCO3)	mg/L	108.5	Max. 200	Max. 600	IS 3025 (Part 23) :2023
5	Boron	mg/L	0.003	Max. 0.5	Max. 2.4	IS 3025 (Part 57) : 2021
6	Calcium (as Ca)	mg/L	69.98	Max. 75	Max. 200	IS 3025 (Part 40) : 2024
7	Chloride (as Cl)	mg/L	25.44	Max. 250	Max. 1000	IS 3025 (Part 32) : 1988
8	Cyanide (as CN)	mg/L	BLQ (LOQ-0.05)	Max. 0.05	No Relaxation	IS 3025 (Part 27) : 1986
9	Fluoride (as F)	mg/L	0.2	Max. 1	Max. 1.5	IS 3025 (Part 60) : 2008
10	Total Hardness (as CaCO3)	mg/L	220.32	Max. 200	Max. 600	IS 3025 (Part 21) : 2009

Reviewed by

Authorised signatory

#### Idma Laboratories Limited

Idma Corporate Park,  
 391, industrial Area, Phase - 1,  
 Panchkula - 134113,  
 Haryana (India)  
 Tel No. 0172 - 5064827,- 5064830  
 Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
 Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

#### Disclaimer:

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1415 Idma Laboratories Limited



## TEST REPORT

ULR : TC820725700005663F

Lab No.		240225L-FD-022				Page No. 2/3
S.No.	Test Parameter	Units	Results	Requirements		Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
11	Total Dissolved Solids	mg/L	322.0	Max. 500	Max. 2000	IS 3025 (Part 16) : 2023
12	Sulphate (as SO <sub>4</sub> )	mg/L	11.80	Max. 200	Max. 400	IS 3025 (Part 24/Sec 1) : 2022
13	Turbidity	NTU	<1	Max. 1	Max. 5	IS 3025 (Part 10) : 2023
14	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8) :2023
15	Free Residual chlorine	mg/L	BLQ (LOQ-0.1)	Min. 0.2	Min.1.0	IS 3025 (Part 26) : 2021
16	Cadmium (as Cd)	mg/L	BLQ (LOQ-0.0005)	Max. 0.003	No Relaxation	IS 3025 (Part 41) :2023
17	Copper (as Cu)	mg/L	BLQ (LOQ-0.0005)	Max. 0.05	Max. 1.5	IS 3025 (Part 42) : 1992
18	Iron (as Fe)	mg/L	0.001	Max. 1.0	No Relaxation	IS 3025 (Part 53) : 2003
19	Manganese (as Mn)	mg/L	BLQ (LOQ-0.0005)	Max. 0.1	Max. 0.3	IS 3025 (Part 59) : 2006
20	Nickel (as Ni)	mg/L	BLQ (LOQ-0.0005)	Max. 0.02	No Relaxation	IS 3025 (Part 54) : 2003
21	Zinc (as Zn)	mg/L	BLQ (LOQ-0.0005)	Max. 5	Max. 15	IS 3025 (Part 49) : 1994
22	Aluminum (as Al)	mg/L	BLQ (LOQ-0.0005)	Max. 0.03	Max. 0.2	IS 3025 (Part 55) : 2003
23	Selenium (as Se)	mg/L	BLQ (LOQ-0.0005)	Max. 0.01	No Relaxation	IS 3025 (Part 56) : 2003 or IS:15303:2003
24	Silver (as Ag)	mg/L	BLQ (LOQ-0.0005)	Max. 0.1	No Relaxation	Annex J of IS: 13428 : 2005
25	Mercury (as Hg)	mg/L	BLQ (LOQ-0.0005)	Max. 0.001	No Relaxation	IS 3025 (Part 48) :1994

Reviewed by



Authorised Signatory

**Idma Laboratories Limited**

Idma Corporate Park,

391, industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)**Disclaimer**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1416 Idma Laboratories Limited



## TEST REPORT

ULR : TC820725700005663F

Lab No.		240225L-FD-022				Page No. 3/3
S.No.	Test Parameter	Units	Results	Requirements		Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
25			)			
26	Magnesium (as Mg)	mg/L	11.02	Max. 30	Max. 100	IS 3025 (Part 46) :2023
27	Sodium as Na	mg/L	1.7	-	-	IS 3025 (Part-45): 1993
28	Potassium as K	mg/L	1.2	-	-	IS 3025 (Part-45): 1993
29	Total Arsenic (as As)	mg/L	BLQ (LOQ-0.0005)	Max. 0.01	No Relaxation	IS 3025 (Part 37) :2022
30	Total Chromium (as Cr)	mg/L	BLQ (LOQ-0.0005)	Max. 0.05	No Relaxation	IS 3025 (Part 52) : 2003
	Biological Testing (Water)	--	-	--	--	--
31	E. coli	/100ml	Absent	Shall not be detectable in any 100ml sample	--	IS 15185: 2016
32	Total Coliform Bacteria	/100ml	Absent	Shall not be detectable in any 100ml sample	--	IS 15185: 2016

**Opinion :**

Remarks:- The test report pertains to the sample, as collected by IDMA lab representative and the result related only to the tested BLQ : Below limit of quantification, LOQ :limit of quantification

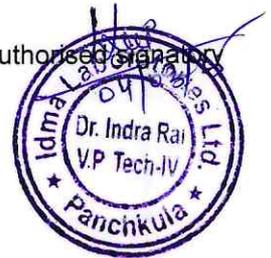
# Represents details provided by the customer.

**\*\*End of Report\*\***

Reviewed by



Authorised signatory



### Idma Laboratories Limited

Idma Corporate Park,

391, industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)

Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1417 Idma Laboratories Limited



## TEST REPORT

ULR : TC820725700005664F

Lab No.	240225L-FD-023		Page No. 1/3
Customer#	Megha Engineering & Infrastructures Limited Rattle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	Drinking Water (RO)		
Customer's Description of Sample#	Drinking Water (RO)		
Quantity#	5 Ltr.		
Packing, Markings, Seal & Quantity#	Plastic Can. (Loc.		
Mode of Collection of Sample	Sample collected by Lab Person.		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	24/02/2025		
Period of Analysis	24/02/2025 To 04/03/2025		
Visual Observation	N/A		
Date of Reporting	04/03/2025		
Testing Protocol	IS 10500:2012 Amdt 1 to 4		

### RESULTS

S.No.	Test Parameter	Units	Results	Requirements		Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
	Chemical Testing (Water)	-	-	-	-	-
1	Color	Hazen	<1	Max. 5	Max. 15	IS 3025 (Part 4) : 2021
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5) : 2018
3	pH	-	7.36	6.5-8.5	No Relaxation	IS 3025 (Part 11) :2022
4	Total Alkalinity (as CaCO3)	mg/L	62.93	Max. 200	Max. 600	IS 3025 (Part 23) :2023
5	Boron	mg/L	0.014	Max. 0.5	Max. 2.4	IS 3025 (Part 57) : 2021
6	Calcium (as Ca)	mg/L	24.19	Max. 75	Max. 200	IS 3025 (Part 40) : 2024
7	Chloride (as Cl)	mg/L	13.70	Max. 250	Max. 1000	IS 3025 (Part 32) : 1988
8	Cyanide (as CN)	mg/L	BLQ (LOQ-0.05)	Max. 0.05	No Relaxation	IS 3025 (Part 27) : 1986
9	Fluoride (as F)	mg/L	0.2	Max. 1	Max. 1.5	IS 3025 (Part 60) : 2008
10	Total Hardness (as CaCO3)	mg/L	88.56	Max. 200	Max. 600	IS 3025 (Part 21) : 2009

Reviewed by

Authorised Signatory

### Idma Laboratories Limited

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827, - 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



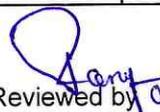
# 1418 Idma Laboratories Limited



## TEST REPORT

ULR : TC820725700005664F

Lab No.		240225L-FD-023				Page No. 2/3
S.No.	Test Parameter	Units	Results	Requirements		Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
11	Total Dissolved Solids	mg/L	126.0	Max. 500	Max. 2000	IS 3025 (Part 16) : 2023
12	Sulphate (as SO4)	mg/L	6.26	Max. 200	Max. 400	IS 3025 (Part 24/Sec 1) : 2022
13	Turbidity	NTU	<1	Max. 1	Max. 5	IS 3025 (Part 10) : 2023
14	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8) :2023
15	Free Residual chlorine	mg/L	BLQ (LOQ-0.1)	Min. 0.2	Min.1.0	IS 3025 (Part 26) : 2021
16	Cadmium (as Cd)	mg/L	BLQ (LOQ-0.0005)	Max. 0.003	No Relaxation	IS 3025 (Part 41) :2023
17	Copper (as Cu)	mg/L	BLQ (LOQ-0.0005)	Max. 0.05	Max. 1.5	IS 3025 (Part 42) : 1992
18	Iron (as Fe)	mg/L	BLQ (LOQ-0.0005)	Max. 1.0	No Relaxation	IS 3025 (Part 53) : 2003
19	Manganese (as Mn)	mg/L	0.001	Max. 0.1	Max. 0.3	IS 3025 (Part 59) : 2006
20	Nickel (as Ni)	mg/L	BLQ (LOQ-0.0005)	Max. 0.02	No Relaxation	IS 3025 (Part 54) : 2003
21	Zinc (as Zn)	mg/L	BLQ (LOQ-0.0005)	Max. 5	Max. 15	IS 3025 (Part 49) : 1994
22	Aluminum (as Al)	mg/L	0.001	Max. 0.03	Max. 0.2	IS 3025 (Part 55) : 2003
23	Selenium (as Se)	mg/L	BLQ (LOQ-0.0005)	Max. 0.01	No Relaxation	IS 3025 (Part 56) : 2003 or IS:15303:2003
24	Silver (as Ag)	mg/L	BLQ (LOQ-0.0005)	Max. 0.1	No Relaxation	Annex J of IS: 13428 : 2005
25	Mercury (as Hg)	mg/L	BLQ (LOQ-0.0005)	Max. 0.001	No Relaxation	IS 3025 (Part 48) :1994
26	Magnesium (as Mg)	mg/L	6.82	Max. 30	Max. 100	IS 3025 (Part 46) :2023

Reviewed by   
  
 Ranjna  
 Tech Mgr

Authorised signatory  
  
  
 Dr. Indira Rai  
 VP Tech-IV

### Idma Laboratories Limited

Idma Corporate Park,

391, industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827, - 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)

Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1419 Idma Laboratories Limited



## TEST REPORT

ULR : TC820725700005664F

Lab No.		240225L-FD-023				Page No. 3/3
S.No.	Test Parameter	Units	Results	Requirements		Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
27	Sodium as Na	mg/L	1.16	-	-	IS 3025 (Part-45): 1993
28	Potassium as K	mg/L	0.96	-	-	IS 3025 (Part-45): 1993
29	Total Arsenic (as As)	mg/L	BLQ (LOQ-0.0005)	Max. 0.01	No Relaxation	IS 3025 (Part 37) :2022
30	Total Chromium (as Cr)	mg/L	BLQ (LOQ-0.0005)	Max. 0.05	No Relaxation	IS 3025 (Part 52) : 2003
	Biological Testing (Water)	--	--	--	--	--
31	E. coli	/100ml	Absent	Shall not be detectable in any 100ml sample	--	IS 15185: 2016
32	Total Coliform Bacteria	/100ml	Absent	Shall not be detectable in any 100ml sample	--	IS 15185: 2016

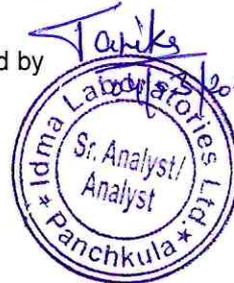
**Opinion :**

Remarks:- The test report pertains to the sample, as collected by IDMA lab representative and the result related only to the tested BLQ : Below limit of quantification, LOQ :limit of quantification

# Represents details provided by the customer.

**\*\*End of Report\*\***

Reviewed by



Authorised Signatory



### Idma Laboratories Limited

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)

Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# Annexure R - 4(Colly)

## 1420

# Idma Laboratories Limited



### TEST REPORT

Lab No.	200325L-ED-001/A		Page No. 1/1
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	Ambient Air		
Customer's Description of Sample#	Ambient Air		
Quantity#	01 No.		
Packing, Markings#	Filter Paper Packed in polythene Pouch.		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	20/03/2025		
Period of Analysis	20/03/2025 To 26/03/2025		
Sampling Team	Idma Representative Team	Client	Mr. Irfan UL-Aziz
Sampling Location#	Dam Top Ground (Left Bank)		
Visual Observation	N/A		
Date of Sampling	18/03/2025		
Date of Reporting	26/03/2025		
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013		
Testing Protocol	NAAQS		

### RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (ATMOSPHERIC POLLUTION)	-	-	-	-
1	PM 10	µg/m <sup>3</sup>	79.4	Max. 100	IS 5182 (Part 23)
2	PM2.5	µg/m <sup>3</sup>	37.5	Max. 60	IDL/SP/03, Issue No-1
3	SO2	µg/m <sup>3</sup>	16.7	Max. 80	IS 5182 (Part 2)
4	NO2	µg/m <sup>3</sup>	19.4	Max. 80	IS 5182 (Part 6)

# Represents details provided by the customer.

\*\*End of Report\*\*

Reviewed by

03/25  
 Authorised signatory

#### Idma Laboratories Limited

Idma Corporate Park,  
 391, industrial Area, Phase - 1,  
 Panchkula - 134113,  
 Haryana (India)  
 Tel No. 0172 - 5064827,- 5064830  
 Website : www.idmagroup.co.in  
 Email : commercial@idmalab.co.in

#### Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Judrisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at testing@idmagroup.co.in or call at 0172 - 5064827 / 5064830



**TEST REPORT**

Lab No.	200325L-ED-001/B		Page No. 1/1
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	Ambient Air		
Customer's Description of Sample#	Ambient Air		
Quantity#	01 No.		
Packing, Markings#	Filter Paper Packed in polythene Pouch.		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	20/03/2025		
Period of Analysis	20/03/2025 To 26/03/2025		
Sampling Team	Idma Representative Team	Client	Mr. Irfan UL-Aziz
Sampling Location#	Dam Top Ground (Left Bank)		
Visual Observation	N/A		
Date of Sampling	18/03/2025		
Date of Reporting	26/03/2025		
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013		
Testing Protocol	NAAQS		

**RESULTS**

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	CO	mg/m <sup>3</sup>	0.46	Max. 02	IS 5182 (Part 10)

# Represents details provided by the customer.

\*\*End of Report\*\*



**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827, - 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

Lab No.	200325L-ED-002/A		Page No. 1/1
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	Ambient Air		
Customer's Description of Sample#	Ambient Air		
Quantity#	01 No.		
Packing, Markings#	Filter Paper Packed in polythene Pouch.		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	20/03/2025		
Period of Analysis	20/03/2025 To 25/03/2025		
Sampling Team	Idma Representative Team	Client	Mr. Irfan UL-Aziz
Sampling Location#	Worker Camp (Up-Stream)		
Visual Observation	N/A		
Date of Sampling	18/03/2025		
Date of Reporting	25/03/2025		
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013		
Testing Protocol	NAAQS		

**RESULTS**

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (ATMOSPHERIC POLLUTION)	-	-	-	-
1	PM 10	µg/m <sup>3</sup>	82.4	Max. 100	IS 5182 (Part 23)
2	PM2.5	µg/m <sup>3</sup>	40.3	Max. 60	IDL/SP/03, Issue No-1
3	SO2	µg/m <sup>3</sup>	19.6	Max. 80	IS 5182 (Part 2)
4	NO2	µg/m <sup>3</sup>	23.4	Max. 80	IS 5182 (Part 6)

# Represents details provided by the customer.

\*\*End of Report\*\*

Reviewed by  
  
**Dipati Jain**  
Asst. Tech. Manager

Authorized signatory  
  
**Kartar Singh**

**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827, - 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discipancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

Lab No.	200325L-ED-002/B		Page No. 1/1
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	Ambient Air		
Customer's Description of Sample#	Ambient Air		
Quantity#	01 No.		
Packing, Markings#	Filter Paper Packed in polythene Pouch.		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	20/03/2025		
Period of Analysis	20/03/2025 To 25/03/2025		
Sampling Team	Idma Representative Team	Client	Mr. Irfan UL-Aziz
Sampling Location#	Worker Camp (Up-Stream)		
Visual Observation	N/A		
Date of Sampling	18/03/2025		
Date of Reporting	25/03/2025		
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013		
Testing Protocol	NAAQS		

**RESULTS**

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	CO	mg/m <sup>3</sup>	0.52	Max. 02	IS 5182 (Part 10)

# Represents details provided by the customer.

\*\*End of Report\*\*



**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827,- 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

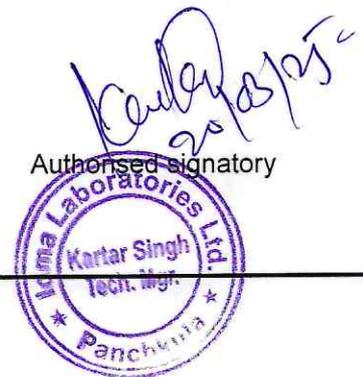
Lab No.	130325N-E-001	Page No. 1/1	
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	Ambient Air		
Customer's Description of Sample#	Ambient Air		
Quantity#	01 No.		
Packing, Markings#	Filter Paper Packed in Polythene Pouch.		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	13/03/2025		
Period of Analysis	13/03/2025 To 20/03/2025		
Sampling Team	Idma Representative Team	Client	Mr. Irfan UL Aziz
Sampling Location#	Dam Top Ground (Left Bank)		
Visual Observation	N/A		
Date of Sampling	11/03/2025		
Date of Reporting	20/03/2025		
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013		
Testing Protocol	NAAQS		

**RESULTS**

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (ATMOSPHERIC POLLUTION )	-	-	-	-
1	PM10	µg/m <sup>3</sup>	82.5	Max. 100	NAAQMS/36/2012-13(Gravimetric method)
2	SO2	µg/m <sup>3</sup>	18.4	Max. 80	NAAQMS/36/2012-13(Improved West & Gaeke method)
3	NO2	µg/m <sup>3</sup>	20.1	Max. 80	NAAQMS/36/2012-13(Modified Jacob & Hochheiser method)
4	PM2.5	µg/m <sup>3</sup>	38.2	Max. 60	NAAQMS/36/2012-13(Gravimetric method)
5	CO	mg/m <sup>3</sup>	0.57	Max. 2	NAAQMS/36/2012-13

# Represents details provided by the customer.

\*\*End of Report\*\*



**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)

Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discriminancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1425 Idma Laboratories Limited

## TEST REPORT

Lab No.	130325N-E-002	Page No. 1/1	
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Dist.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	Ambient Air		
Customer's Description of Sample#	Ambient Air		
Quantity#	01 No.		
Packing, Markings#	Filter Paper Packed in Polythene Pouch.		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	13/03/2025		
Period of Analysis	13/03/2025 To 20/03/2025		
Sampling Team	Idma Representative Team	Client	Mr. Irfan UL Aziz
Sampling Location#	Worker Camp Area Up-Stream.		
Visual Observation	N/A		
Date of Sampling	11/03/2025		
Date of Reporting	20/03/2025		
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013		
Testing Protocol	NAAQS		

## RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (ATMOSPHERIC POLLUTION )	-	-	-	-
1	PM10	µg/m <sup>3</sup>	79.7	Max. 100	NAAQMS/36/2012-13(Gravimetric method)
2	SO2	µg/m <sup>3</sup>	39.5	Max. 80	NAAQMS/36/2012-13(Improved West & Gaeke method)
3	NO2	µg/m <sup>3</sup>	17.2	Max. 80	NAAQMS/36/2012-13(Modified Jacob & Hochheiser method)
4	PM2.5	µg/m <sup>3</sup>	39.8	Max. 60	NAAQMS/36/2012-13(Gravimetric method)
5	CO	mg/m <sup>3</sup>	0.48	Max. 2	NAAQMS/36/2012-13

# Represents details provided by the customer.

\*\*End of Report\*\*



Authorised signatory



### Idma Laboratories Limited

Idma Corporate Park,

391, industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827, - 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

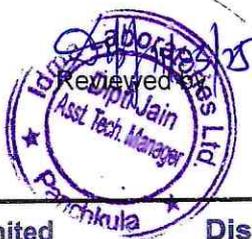
Lab No.	060325N-E-001		Page No. 1/1	
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir			
Type of Sample#	Ambient Air			
Customer's Description of Sample#	Ambient Air			
Quantity#	01 No.			
Packing, Markings#	Filter Paper Packed in polythene pouch.			
Mode of Collection of Sample	Sampling by Laboratories			
Work Order No.#	E-MAIL	Dated	01/01/2025	
Date of Receipt of Sample	06/03/2025			
Period of Analysis	06/03/2025 To 11/03/2025			
Sampling Team	Idma Representative Team	Client	Mr. Aziz Tantry	
Sampling Location#	Dam Top Ground left Bank			
Visual Observation	N/A			
Date of Sampling	04/03/2025			
Date of Reporting	11/03/2025			
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013			
Testing Protocol	NAAQS			

**RESULTS**

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (ATMOSPHERIC POLLUTION )	-	-	-	-
1	PM10	µg/m <sup>3</sup>	78.1	Max. 100	NAAQMS/36/2012-13(Gravimetric method)
2	SO2	µg/m <sup>3</sup>	18.6	Max. 80	NAAQMS/36/2012-13(Improved West & Gaeke method)
3	NO2	µg/m <sup>3</sup>	21.4	Max. 80	NAAQMS/36/2012-13(Modified Jacob & Hochheiser method)
4	PM2.5	µg/m <sup>3</sup>	37.2	Max. 60	NAAQMS/36/2012-13(Gravimetric method)
5	CO	mg/m <sup>3</sup>	0.49	Max. 2	NAAQMS/36/2012-13

# Represents details provided by the customer.

\*\*End of Report\*\*



**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827,- 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discipancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

Lab No.	060325N-E-002		Page No. 1/1	
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir			
Type of Sample#	Ambient Air			
Customer's Description of Sample#	Ambient Air			
Quantity#	01 No.			
Packing, Markings#	Filter Paper Packed in polythene pouch.			
Mode of Collection of Sample	Sampling by Laboratories			
Work Order No.#	E-MAIL	Dated	01/01/2025	
Date of Receipt of Sample	06/03/2025			
Period of Analysis	06/03/2025 To 11/03/2025			
Sampling Team	Idma Representative Team	Client	Mr. Aziz Tantry	
Sampling Location#	Worker Camp Up-Stream			
Visual Observation	N/A			
Date of Sampling	04/03/2025			
Date of Reporting	11/03/2025			
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013			
Testing Protocol	NAAQS			

**RESULTS**

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (ATMOSPHERIC POLLUTION )	-	-	-	-
1	PM10	µg/m <sup>3</sup>	80.3	Max. 100	NAAQMS/36/2012-13(Gravimetric method)
2	SO2	µg/m <sup>3</sup>	17.6	Max. 80	NAAQMS/36/2012-13(Improved West & Gaeke method)
3	NO2	µg/m <sup>3</sup>	22.5	Max. 80	NAAQMS/36/2012-13(Modified Jacob & Hochheiser method)
4	PM2.5	µg/m <sup>3</sup>	39.1	Max. 60	NAAQMS/36/2012-13(Gravimetric method)
5	CO	mg/m <sup>3</sup>	0.52	Max. 2	NAAQMS/36/2012-13

# Represents details provided by the customer.

\*\*End of Report\*\*



**Idma Laboratories Limited**

**Idma Corporate Park,**  
**391, industrial Area, Phase - 1,**  
**Panchkula - 134113,**  
**Haryana (India)**  
**Tel No. 0172 - 5064827,- 5064830**  
**Website : www.idmagroup.co.in**  
**Email : commercial@idmalab.co.in**

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at testing@idmagroup.co.in or call at 0172 - 5064827 / 5064830



**TEST REPORT**

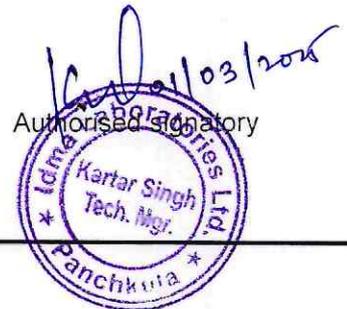
Lab No.	240225L-ED-012/A		Page No. 1/1
Customer#	Megha Engineering & Infrastructures Limited Rattle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	Ambient Air		
Customer's Description of Sample#	Ambient Air		
Quantity#	5 Ltr.		
Packing, Markings#	Filter Paper Packed in Polythene Pouch.		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	24/02/2025		
Period of Analysis	24/02/2025 To 01/03/2025		
Sampling Team	Idma Representative Team	Client	Mr. Irfan Ulaziz
Sampling Location#	Dam Top Ground (Left Bank)		
Visual Observation	N/A		
Date of Sampling	21/02/2025		
Date of Reporting	01/03/2025		
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013		
Testing Protocol	NAAQS		

**RESULTS**

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (ATMOSPHERIC POLLUTION)	-	-	-	-
1	PM 10	µg/m <sup>3</sup>	79.4	Max. 100	IS 5182 (Part 23)
2	PM2.5	µg/m <sup>3</sup>	38.7	Max. 60	IDL/SP/03, Issue No-1
3	SO2	µg/m <sup>3</sup>	19.2	Max. 80	IS 5182 (Part 2)
4	NO2	µg/m <sup>3</sup>	21.4	Max. 80	IS 5182 (Part 6)

# Represents details provided by the customer.

\*\*End of Report\*\*



**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827,- 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

Lab No.	240225L-ED-012/B			Page No. 1/1	
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir				
Type of Sample#	Ambient Air				
Customer's Description of Sample#	Ambient Air				
Quantity#	5 Ltr.				
Packing, Markings#	Filter Paper Packed in Polythene Pouch.				
Mode of Collection of Sample	Sampling by Laboratories				
Work Order No.#	E-MAIL	Dated	01/01/2025		
Date of Receipt of Sample	24/02/2025				
Period of Analysis	24/02/2025 To 01/03/2025				
Sampling Team	Idma Representative Team	Client	Mr. Irfan Ulaziz		
Sampling Location#	Dam Top Ground (Left Bank)				
Visual Observation	N/A				
Date of Sampling	21/02/2025				
Date of Reporting	01/03/2025				
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013				
Testing Protocol	NAAQS				

**RESULTS**

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	CO	mg/m <sup>3</sup>	0.58	Max. 02	IS 5182 (Part 10)

# Represents details provided by the customer.

\*\*End of Report\*\*



**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827, - 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discipancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

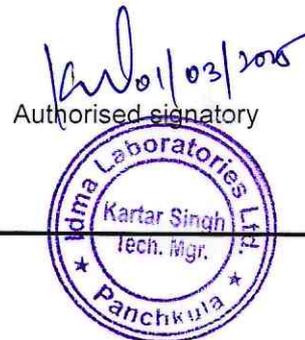
Lab No.	240225L-ED-013/A		Page No.	1/1
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir			
Type of Sample#	Ambient Air			
Customer's Description of Sample#	Ambient Air			
Quantity#	5 Ltr.			
Packing, Markings#	Filter Paper Packed in Polythene Pouch.			
Mode of Collection of Sample	Sampling by Laboratories			
Work Order No.#	E-MAIL	Dated	01/01/2025	
Date of Receipt of Sample	24/02/2025			
Period of Analysis	24/02/2025 To 01/03/2025			
Sampling Team	Idma Representative Team	Client	Mr. Irfan Ulaziz	
Sampling Location#	Worker Camp Area Up-Stream			
Visual Observation	N/A			
Date of Sampling	21/02/2025			
Date of Reporting	01/03/2025			
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013			
Testing Protocol	NAAQS			

**RESULTS**

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (ATMOSPHERIC POLLUTION)	-	-	-	-
1	PM 10	µg/m <sup>3</sup>	81.6	Max. 100	IS 5182 (Part 23)
2	PM2.5	µg/m <sup>3</sup>	43.2	Max. 60	IDL/SP/03, Issue No-1
3	SO2	µg/m <sup>3</sup>	19.4	Max. 80	IS 5182 (Part 2)
4	NO2	µg/m <sup>3</sup>	21.5	Max. 80	IS 5182 (Part 6)

# Represents details provided by the customer.

\*\*End of Report\*\*



**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827, - 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

Lab No.	240225L-ED-013/B		Page No. 1/1	
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir			
Type of Sample#	Ambient Air			
Customer's Description of Sample#	Ambient Air			
Quantity#	5 Ltr.			
Packing, Markings#	Filter Paper Packed in Polythene Pouch.			
Mode of Collection of Sample	Sampling by Laboratories			
Work Order No.#	E-MAIL	Dated	01/01/2025	
Date of Receipt of Sample	24/02/2025			
Period of Analysis	24/02/2025 To 01/03/2025			
Sampling Team	Idma Representative Team	Client	Mr. Irfan Ulaziz	
Sampling Location#	Worker Camp Area Up-Stream			
Visual Observation	N/A			
Date of Sampling	21/02/2025			
Date of Reporting	01/03/2025			
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013			
Testing Protocol	NAAQS			

**RESULTS**

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	CO	mg/m <sup>3</sup>	0.56	Max. 02	IS 5182 (Part 10)

# Represents details provided by the customer.

\*\*End of Report\*\*



**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)

Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

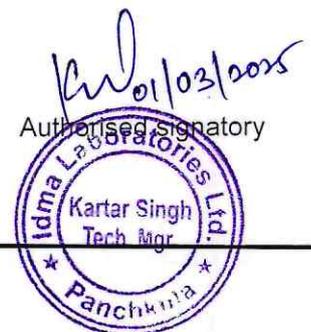
Lab No.	240225L-ED-014/A		Page No. 1/1
Customer#	Megha Engineering & Infrastructures Limited Rattle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	Ambient Air		
Customer's Description of Sample#	Ambient Air		
Quantity#	5 Ltr.		
Packing, Markings#	Filter Paper Packed in Polythene Pouch.		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	24/02/2025		
Period of Analysis	24/02/2025 To 01/03/2025		
Sampling Team	Idma Representative Team	Client	Mr. Irfan Ulaziz
Sampling Location#	Batching Plant CP-30, Up-Stream.		
Visual Observation	N/A		
Date of Sampling	21/02/2025		
Date of Reporting	01/03/2025		
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013		
Testing Protocol	NAAQS		

**RESULTS**

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (ATMOSPHERIC POLLUTION)	-	-	-	-
1	PM 10	µg/m <sup>3</sup>	81.2	Max. 100	IS 5182 (Part 23)
2	PM2.5	µg/m <sup>3</sup>	39.8	Max. 60	IDL/SP/03, Issue No-1
3	SO2	µg/m <sup>3</sup>	15.6	Max. 80	IS 5182 (Part 2)
4	NO2	µg/m <sup>3</sup>	19.4	Max. 80	IS 5182 (Part 6)

# Represents details provided by the customer.

\*\*End of Report\*\*



**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827,- 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discipancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

Lab No.	240225L-ED-014/B		Page No. 1/1
Customer#	Megha Engineering & Infrastructures Limited Rattle Hydroelectric project Vill- Drabshalla, Dist.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	Ambient Air		
Customer's Description of Sample#	Ambient Air		
Quantity#	5 Ltr.		
Packing, Markings#	Filter Paper Packed in Polythene Pouch.		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	24/02/2025		
Period of Analysis	24/02/2025 To 01/03/2025		
Sampling Team	Idma Representative Team	Client	Mr. Irfan Ulaziz
Sampling Location#	Batching Plant CP-30, Up-Stream.		
Visual Observation	N/A		
Date of Sampling	21/02/2025		
Date of Reporting	01/03/2025		
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013		
Testing Protocol	NAAQS		

**RESULTS**

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	CO	mg/m <sup>3</sup>	0.52	Max. 02	IS 5182 (Part 10)

# Represents details provided by the customer.

\*\*End of Report\*\*



**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827,- 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

Lab No.	240225L-ED-015/A		Page No. 1/1
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	Ambient Air		
Customer's Description of Sample#	Ambient Air		
Quantity#	5 Ltr.		
Packing, Markings#	Filter Paper Packed in Polythene Pouch.		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	24/02/2025		
Period of Analysis	24/02/2025 To 01/03/2025		
Sampling Team	Idma Representative Team	Client	Mr. Irfan Ulaziz
Sampling Location#	Batching Plant CP-120, Down Stream		
Visual Observation	N/A		
Date of Sampling	21/02/2025		
Date of Reporting	01/03/2025		
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013		
Testing Protocol	NAAQS		

**RESULTS**

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (ATMOSPHERIC POLLUTION)	-	-	-	-
1	PM 10	µg/m <sup>3</sup>	77.5	Max. 100	IS 5182 (Part 23)
2	PM2.5	µg/m <sup>3</sup>	40.1	Max. 60	IDL/SP/03, Issue No-1
3	SO2	µg/m <sup>3</sup>	18.2	Max. 80	IS 5182 (Part 2)
4	NO2	µg/m <sup>3</sup>	20.4	Max. 80	IS 5182 (Part 6)

# Represents details provided by the customer.

\*\*End of Report\*\*



**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)

Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

Lab No.	240225L-ED-015/B		Page No. 1/1
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project VIII- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	Ambient Air		
Customer's Description of Sample#	Ambient Air		
Quantity#	5 Ltr.		
Packing, Markings#	Filter Paper Packed in Polythene Pouch.		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	24/02/2025		
Period of Analysis	24/02/2025 To 01/03/2025		
Sampling Team	Idma Representative Team	Client	Mr. Irfan Ulaziz
Sampling Location#	Batching Plant CP-120, Down Stream		
Visual Observation	N/A		
Date of Sampling	21/02/2025		
Date of Reporting	01/03/2025		
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013		
Testing Protocol	NAAQS		

**RESULTS**

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	CO	mg/m <sup>3</sup>	0.42	Max. 02	IS 5182 (Part 10)

# Represents details provided by the customer.

\*\*End of Report\*\*



**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827, - 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

Lab No.	240225L-ED-016/A		Page No. 1/1
Customer#	Megha Engineering & Infrastructures Limited Rattle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	Ambient Air		
Customer's Description of Sample#	Ambient Air		
Quantity#	5 Ltr.		
Packing, Markings#	Filter Paper Packed in Polythene Pouch.		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	24/02/2025		
Period of Analysis	24/02/2025 To 01/03/2025		
Sampling Team	Idma Representative Team	Client	Mr. Irfan Ulaziz
Sampling Location#	Batching Plant CP-240, Down Stream.		
Visual Observation	N/A		
Date of Sampling	22/02/2025		
Date of Reporting	01/03/2025		
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013		
Testing Protocol	NAAQS		

**RESULTS**

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (ATMOSPHERIC POLLUTION)	-	-	-	-
1	PM 10	µg/m <sup>3</sup>	81.4	Max. 100	IS 5182 (Part 23)
2	PM2.5	µg/m <sup>3</sup>	39.7	Max. 60	IDL/SP/03, Issue No-1
3	SO <sub>2</sub>	µg/m <sup>3</sup>	18.9	Max. 80	IS 5182 (Part 2)
4	NO <sub>2</sub>	µg/m <sup>3</sup>	19.2	Max. 80	IS 5182 (Part 6)

# Represents details provided by the customer.

\*\*End of Report\*\*



**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)

Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

The Test Report is only for the sample tested.

- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

Lab No.	240225L-ED-016/B		Page No. 1/1	
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir			
Type of Sample#	Ambient Air			
Customer's Description of Sample#	Ambient Air			
Quantity#	5 Ltr.			
Packing, Markings#	Filter Paper Packed in Polythene Pouch.			
Mode of Collection of Sample	Sampling by Laboratories			
Work Order No.#	E-MAIL	Dated	01/01/2025	
Date of Receipt of Sample	24/02/2025			
Period of Analysis	24/02/2025 To 01/03/2025			
Sampling Team	Idma Representative Team	Client	Mr. Irfan Ulaziz	
Sampling Location#	Batching Plant CP-240, Down Stream.			
Visual Observation	N/A			
Date of Sampling	22/02/2025			
Date of Reporting	01/03/2025			
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013			
Testing Protocol	NAAQS			

**RESULTS**

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	CO	mg/m <sup>3</sup>	0.48	Max. 02	IS 5182 (Part 10)

# Represents details provided by the customer.

\*\*End of Report\*\*



**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)

Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

Lab No.	240225L-ED-017/A		Page No. 1/1
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	Ambient Air		
Customer's Description of Sample#	Ambient Air		
Quantity#	5 Ltr.		
Packing, Markings#	Filter Paper Packed in Polythene Pouch.		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	24/02/2025		
Period of Analysis	24/02/2025 To 01/03/2025		
Sampling Team	Idma Representative Team	Client	Mr. Irfan Ulaziz
Sampling Location#	Near Executive Colony Down Stream.		
Visual Observation	N/A		
Date of Sampling	21/02/2025		
Date of Reporting	01/03/2025		
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013		
Testing Protocol	NAAQS		

**RESULTS**

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (ATMOSPHERIC POLLUTION)	-	-	-	-
1	PM 10	µg/m <sup>3</sup>	80.4	Max. 100	IS 5182 (Part 23)
2	PM2.5	µg/m <sup>3</sup>	40.6	Max. 60	IDL/SP/03, Issue No-1
3	SO2	µg/m <sup>3</sup>	17.3	Max. 80	IS 5182 (Part 2)
4	NO2	µg/m <sup>3</sup>	19.4	Max. 80	IS 5182 (Part 6)

# Represents details provided by the customer.

\*\*End of Report\*\*

Reviewed by  
*[Signature]*  
Dipti Jain  
Asst. Tech. Manager  
Idma Laboratories Ltd.  
Panchkula

*[Signature]*  
01/03/2025  
Authorised signatory  
Kartar Singh  
Tech. Mgr.  
Idma Laboratories Ltd.  
Panchkula

**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827, - 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- The Test Report does not apply unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrpancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

Lab No.	240225L-ED-017/B		Page No. 1/1
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	Ambient Air		
Customer's Description of Sample#	Ambient Air		
Quantity#	5 Ltr.		
Packing, Markings#	Filter Paper Packed in Polythene Pouch.		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	24/02/2025		
Period of Analysis	24/02/2025 To 01/03/2025		
Sampling Team	Idma Representative Team	Client	Mr. Irfan Ulaziz
Sampling Location#	Near Executive Colony Down Stream.		
Visual Observation	N/A		
Date of Sampling	21/02/2025		
Date of Reporting	01/03/2025		
Sampling Protocol	NAAQMS/36/2012-13 USEPA:2013		
Testing Protocol	NAAQS		

**RESULTS**

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	CO	mg/m <sup>3</sup>	0.62	Max. 02	IS 5182 (Part 10)

# Represents details provided by the customer.

\*\*End of Report\*\*



**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827, - 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discipancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# Annexure R - 5(Colly)

## 1440

# Idma Laboratories Limited



## TEST REPORT

Lab No.	200325L-ED-003	Page No.	1/1
Customer#	Megha Engineering & Infrastructures Limited Rattle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	Noise Level (Ambient)		
Customer's Description of Sample#	Noise Level (Ambient)		
Quantity#	01 No.		
Packing, Markings#	Instrument at Site.		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	20/03/2025		
Period of Analysis	20/03/2025 To 25/03/2025		
Sampling Team	Idma Representative Team	Client	Mr. Irfan UL-Aziz
Sampling Location#	Dam Top Ground (Left Bank)		
Visual Observation	N/A		
Date of Sampling	18/03/2025		
Date of Reporting	25/03/2025		
Sampling Protocol	CPCB PROTOCOL:2015		
Testing Protocol	CPCB		

## RESULTS

S.No.	Test Parameter	Units	Results	Limits	Test Method
	CHEMICAL DISCIPLINE (Noise Levels)	-	-	-	-
1	Lday	dB(A)	58.7	Max 75	CPCB PROTOCOL July 2015.
2	LNight	dB(A)	48.3	Max 70	CPCB PROTOCOL July 2015.

# Represents details provided by the customer.

\*\*End of Report\*\*



### Idma Laboratories Limited

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)

Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1441 Idma Laboratories Limited



## TEST REPORT

Lab No.	200325L-ED-004		Page No. 1/1
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	Noise Level (Ambient)		
Customer's Description of Sample#	Noise Level (Ambient)		
Quantity#	01 No.		
Packing, Markings#	Instrument at Site.		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	20/03/2025		
Period of Analysis	20/03/2025 To 25/03/2025		
Sampling Team	Idma Representative Team	Client	Mr. Irfan UL-Aziz
Sampling Location#	Worker Camp -Up-Stream Area.		
Visual Observation	N/A		
Date of Sampling	18/03/2025		
Date of Reporting	25/03/2025		
Sampling Protocol	CPCB PROTOCOL:2015		
Testing Protocol	CPCB		

### RESULTS

S.No.	Test Parameter	Units	Results	Limits	Test Method
	CHEMICAL DISCIPLINE (Noise Levels)	-	-	-	-
1	Lday	dB(A)	60.4	Max 75	CPCB PROTOCOL July 2015.
2	LNight	dB(A)	48.8	Max 70	CPCB PROTOCOL July 2015.

# Represents details provided by the customer.

\*\*End of Report\*\*

Reviewed by  
*Dipti Jain*  
Dipti Jain  
Asst. Tech. Manager  
Idma Laboratories Limited  
Panchkula

Authorised signatory  
*Kartar Singh*  
Kartar Singh  
Tech. Mgr.  
Idma Laboratories Limited  
Panchkula

### Idma Laboratories Limited

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827,- 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

Lab No.	130325N-E-003	Page No. 1/1	
Customer#	Megha Engineering & Infrastructures Limited Rattle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	NOISE LEVEL (AMBIENT)		
Customer's Description of Sample#	NOISE LEVEL (AMBIENT)		
Quantity#	01 No.		
Packing, Markings#	Instrument at Site.		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	13/03/2025		
Period of Analysis	13/03/2025 To 20/03/2025		
Sampling Team	Idma Representative Team	Client	Mr. Irfan UL Aziz
Sampling Location#	Dam Top Ground (Left Bank)		
Visual Observation	N/A		
Date of Sampling	11/03/2025		
Date of Reporting	20/03/2025		
Sampling Protocol	CPCB PROTOCOL:2015		
Testing Protocol	EPA/CPCB		

**RESULTS**

S.No.	Test Parameter	Units	Results	Limits	Test Method
	CHEMICAL DISCIPLINE (Noise Levels)	-	-	-	-
1	Lday	dB(A)	68.4	Max 75	EPA Guideline Manual July 2008
2	LNight	dB(A)	63.2	Max 70	EPA Guideline Manual July 2008

# Represents details provided by the customer.

\*\*End of Report\*\*



**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)

Tel No. 0172 - 5064827, - 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)

Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



**TEST REPORT**

Lab No.	130325N-E-004	Page No. 1/1	
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	NOISE LEVEL (AMBIENT)		
Customer's Description of Sample#	NOISE LEVEL (AMBIENT)		
Quantity#	01 No.		
Packing, Markings#	Instrument at Site.		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	13/03/2025		
Period of Analysis	13/03/2025 To 20/03/2025		
Sampling Team	Idma Representative Team	Client	Mr. Irfan UL Aziz
Sampling Location#	Worker Camp Area - Up-Stream.		
Visual Observation	N/A		
Date of Sampling	11/03/2025		
Date of Reporting	20/03/2025		
Sampling Protocol	CPCB PROTOCOL:2015		
Testing Protocol	EPA/CPCB		

**RESULTS**

S.No.	Test Parameter	Units	Results	Limits	Test Method
	CHEMICAL DISCIPLINE (Noise Levels)	-	-	-	-
1	Lday	dB(A)	68.0	Max 75	EPA Guideline Manual July 2008
2	LNight	dB(A)	61.4	Max 70	EPA Guideline Manual July 2008

# Represents details provided by the customer.

\*\*End of Report\*\*



**Idma Laboratories Limited**

Idma Corporate Park,  
391, industrial Area, Phase - 1,  
Panchkula - 134113,  
Haryana (India)  
Tel No. 0172 - 5064827,- 5064830  
Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)  
Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

**Disclaimer :**

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discipancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1444 Idma Laboratories Limited

## TEST REPORT

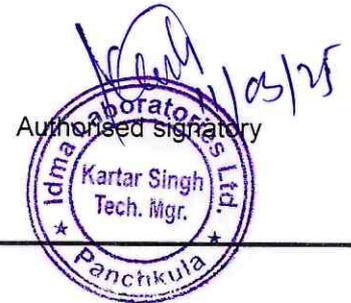
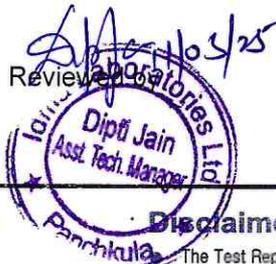
Lab No.	060325N-E-003	Page No. 1/1	
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir		
Type of Sample#	NOISE LEVEL (AMBIENT)		
Customer's Description of Sample#	NOISE LEVEL (AMBIENT)		
Quantity#	01 No.		
Packing, Markings#	Filter Paper Packed in polythene pouch.		
Mode of Collection of Sample	Sampling by Laboratories		
Work Order No.#	E-MAIL	Dated	01/01/2025
Date of Receipt of Sample	06/03/2025		
Period of Analysis	06/03/2025 To 11/03/2025		
Sampling Team	Idma Representative Team	Client	Mr. Aziz Tantry
Sampling Location#	Dam Top Ground, Left Bank		
Visual Observation	N/A		
Date of Sampling	04/03/2025		
Date of Reporting	11/03/2025		
Sampling Protocol	CPCB PROTOCOL:2015		
Testing Protocol	EPA/CPCB		

### RESULTS

S.No.	Test Parameter	Units	Results	Limits	Test Method
	CHEMICAL DISCIPLINE (Noise Levels)	-	-	-	-
1	Lday	dB(A)	60.0	Max 75	EPA Guideline Manual July 2008
2	LNight	dB(A)	49.6	Max 70	EPA Guideline Manual July 2008

# Represents details provided by the customer.

\*\*End of Report\*\*



### Idma Laboratories Limited

Idma Corporate Park,

391, industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827,- 5064830

Website : [www.idmagroup.co.in](http://www.idmagroup.co.in)Email : [commercial@idmalab.co.in](mailto:commercial@idmalab.co.in)

### Disclaimer :

The Test Report is only for the sample tested.

- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at [testing@idmagroup.co.in](mailto:testing@idmagroup.co.in) or call at 0172 - 5064827 / 5064830



# 1445 Idma Laboratories Limited

## TEST REPORT

Lab No.	060325N-E-004		Page No. 1/1	
Customer#	Megha Engineering & Infrastructures Limited Ratle Hydroelectric project Vill- Drabshalla, Distt.- Kishtwar-182204 Jammu & Kashmir			
Type of Sample#	NOISE LEVEL (AMBIENT)			
Customer's Description of Sample#	NOISE LEVEL (AMBIENT)			
Quantity#	01 No.			
Packing, Markings#	Filter Paper Packed in polythene pouch.			
Mode of Collection of Sample	Sampling by Laboratories			
Work Order No.#	E-MAIL	Dated	01/01/2025	
Date of Receipt of Sample	06/03/2025			
Period of Analysis	06/03/2025 To 11/03/2025			
Sampling Team	Idma Representative Team	Client	Mr. Aziz Tantry	
Sampling Location#	Worker Camp -Up-Stream.			
Visual Observation	N/A			
Date of Sampling	04/03/2025			
Date of Reporting	11/03/2025			
Sampling Protocol	CPCB PROTOCOL:2015			
Testing Protocol	EPA/CPCB			

## RESULTS

S.No.	Test Parameter	Units	Results	Limits	Test Method
	CHEMICAL DISCIPLINE (Noise Levels)	-	-	-	-
1	Lday	dB(A)	60.8	Max 75	EPA Guideline Manual July 2008
2	LNight	dB(A)	51.0	Max 70	EPA Guideline Manual July 2008

# Represents details provided by the customer.

\*\*End of Report\*\*



### Idma Laboratories Limited

Idma Corporate Park,

391, industrial Area, Phase - 1,

Panchkula - 134113,

Haryana (India)

Tel No. 0172 - 5064827, - 5064830

Website : www.idmagroup.co.in

Email : commercial@idmalab.co.in

### Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report Should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaints, please send email at testing@idmagroup.co.in or call at 0172 - 5064827 / 5064830

No. RHEP/MEIL/D/25/01/407

23<sup>rd</sup> Jan, 2025

To,

Chief Executive Officer  
RHPCL, Kishtwar,  
UT of Jammu and Kashmir.

## Annexure R - 6(Colly)

**Sub.: Turnkey Execution of 850 MW Ratle Hydro Electric Project located at Kishtwar District in the Union Territory of Jammu & Kashmir, India; Regarding disposal of muck.**

Ref:

1. LOA No. RATLE/CEO/2022/145 dated 18.01.2022
2. Your Letter RATLE/GM(C-III)/2024/E-19 dated 24.06.2024
3. Your Letter RATLE/CEO/2024/872 dated 02.12.2024
4. Our Letter RHEP/MEIL/D/24/06/236 dated 28.06.2024
5. Our Letter MEIL/RHPCL/24/07/250 dated 30.07.2024
6. Our Letter MEIL/RHPCL/24/08/253 dated 03.08.2024
7. Our Letter MEIL/PMGSY/24/08/256 dated 05.08.2024
8. Our Letter MEIL/2024/10/306-1 dated 31.10.2024
9. Our Letter RHEP/MEIL/25/11/334 dated 25.11.2024
10. Our Letter RHEP/MEIL/25/11/348 dated 26.11.2024
11. Our Letter RHEP/MEIL/25/11/349 dated 27.11.2024
12. Our Letter RHEP/MEIL/D/24/11/363 dated 06.12.2024
13. Our Letter RHEP/MEIL/D/25/01/386 dated 04.01.2025
14. Our Letter RHEP/MEIL/D/25/01/401 dated 20.01.2025
15. Our Letter RHEP/MEIL/D/25/01/402 dated 20.01.2025

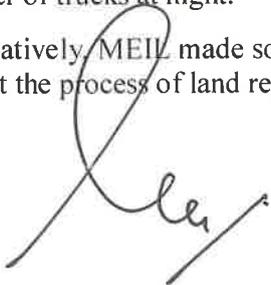
Dear Sir,

30.58 Ha land provided by RHPCL for dumping of muck is unsuitable due to excessive hill slopes.

RHPCL understands MEIL is facing serious case in NGT Delhi due to dumping of muck at right bank designated dump. MEIL incurred huge cost on relocation of muck from right bank to GVK land at Joshana.

Land at Joshana is suitable but stiff public resistance not to ply 10-Wheelers & restricted number of trucks at night.

Alternatively, MEIL made some arrangements with local people at Hasti. We request RHPCL to start the process of land regularization at Hasti as designated dump.



1447

An ISO 9001-2008 Company

S-2, Technocrat Industrial Estate, Balanagar, Hyderabad-500037, T.S., INDIA

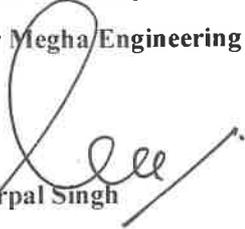
Tel: +91 40 4460 9100, +91 40 4433 6700, Fax: +91 40 4433 6800

E-mail: [info@meil.in](mailto:info@meil.in), Visit us: [www.meil.in](http://www.meil.in) U45202TG2006PLV050271

This to inform RHPCL that dam excavation is suffering on account of restrictions by Drabshalla public and longer haulage lead at Hasti.

Yours faithfully

For Megha Engineering & Infrastructures Ltd



Harpal Singh

Joint Chief Operating Officer

CC:

1. Director (Projects), NHPC, for kind information please.
2. GM-I, GM-II, GM-III, GM-IV of RHPCL, Kishtwar, for kind information.
3. Sh. CHP Subbaiah, Director (MEIL): [chs@meil.in](mailto:chs@meil.in), for kind information.
4. Sh. S.N Jha (CGM-MEIL), for kind information.
5. Sh. Sanjay Kumar (GM-Projects) MEIL, for kind information.