

Lab: Survey No. 93/A, Conformity Hissa No. 2, G V Brothers Bldg., Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India.

Tel: +91-22-25474907 / ☎ +91-7039076680 Email: lab@ultratech.in

Regd.: Unit No. 224, 225, Jai Commercial Complex, Eastern Express Highway, Opp. Cadbury Factory, Khopat, Thane (W) 400 601, Maharashtra, India.

### TEST REPORT

<b>ISSUED TO:</b>	<b>INDUSTRIAL MINERALS &amp; CHEMICAL COMPANY PVT</b>	<b>ULR NO.</b>	: <b>ULR-TC5600 24 000003883F</b>
Plot No.23 Part,MIDC Trans Thane Creek, Zone A Industrial Area,Village-Savli,Ghansoli, NaviMumbai - 400710		<b>REPORT NO.</b>	: <b>UT/ELS/REPORT/ 5412 /06 - 2024</b>
		<b>ISSUE DATE</b>	: <b>29/06/2024</b>
		<b>YOUR REF.</b>	: <b>AGREEMENT</b>
		<b>REF. DATE</b>	: <b>09/02/2020 Agreement dt.-01/07/2023</b>

SAMPLE PARTICULARS		WATER SAMPLE ANALYSIS	
Sampling Plan Ref. No.:	: 52-06/2024	Sample Type	: Drinking Water
Sampling Procedure	: UT/LQMS/SOP/W01A	Sample Location	: Near main Gate ( Tap)
Date & Time of Sampling	: 08/06/2024 16:15 Hrs.		
Sample Registration Date	: 10/06/2024		
Analysis Starting Date	: 10/06/2024	Sample Quantity & :	
Analysis Completion Date	: 17/06/2024	Packaging Details	: 2L in Polyethylene Container for Other Parameters.
Sample Lab Code	: UT/ELS/232/06-2024		
Sample Collected By	: ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD.		

Sr. No.	Test Parameter	Test Method	Test Result	Unit	Standard Limits [IS 10500:2012 (Acceptable Limit)]
<b>Organoleptic and Physical Parameters</b>					
1	pH @ 25° C	IS 3025 (Part 11):2022	7.8	-	6.5-8.5
2	Turbidity	IS 3025 (Part 10):1984	BDL[DL=0.1]	NTU	Max 1
3	Total Dissolved Solids	IS 3025 (Part 16):1984	83	mg/L	Max 500
4	Electrical Conductivity	APHA 23rd Ed. 2510 B	128	µS/cm	NA
<b>General Parameters Concerning Substances Undesirable in Excessive Amounts</b>					
1	Ammonia as NH <sub>3</sub> -N	APHA 23rd Ed. 4500-NH3 F	BDL[DL=0.01]	mg/L	Max 0.5
2	Calcium as Ca	IS 3025 (Part 40):1991	9	mg/L	Max 75
3	Chlorides as Cl <sup>-</sup>	IS 3025 (Part 32):1988	15	mg/L	Max 250
4	Fluoride as F <sup>-</sup>	APHA 23rd Ed 4500-F- B,D	BDL[DL=0.2]	mg/L	Max 1.0
5	Iron as Fe	IS 3025 (Part 53):2003	BDL[DL=0.06]	mg/L	Max 0.3
6	Magnesium as Mg	IS 3025 (Part 46):1994	6	mg/L	Max 30
7	Nitrate as NO <sub>3</sub> <sup>-</sup> - N	IS 3025 (Part 34):1988	0.8	mg/L	Max 45
8	Sulphate as SO <sub>4</sub> <sup>2-</sup>	IS 3025 (Part 24/Sec 1):2022	17	mg/L	Max 200
9	Phosphorus as PO <sub>4</sub> <sup>3-</sup> - P	APHA 23rd Ed. 4500-P D,E	BDL[DL=0.01]	mg/L	NA
10	Potassium as K	APHA 23rd Ed.3500 K	0.5	mg/L	NA
11	Sodium as Na	APHA 23rd Ed,3500 Na	9.0	mg/L	NA
12	Total Alkalinity as CaCO <sub>3</sub>	IS 3025 (Part 23):1986	32	mg/L	Max 200
13	Total Hardness as CaCO <sub>3</sub>	IS 3025 (Part 21):2009	46	mg/L	Max 200
<b>BDL: Below Detection Limit</b>		<b>DL: Detection Limit</b>		<b>NA : Not Applicable</b>	

Remark/ Statement of Conformity: The results conform to standard limits wherever applicable.

- Note:
- This test report refers only to the sample tested.
  - This test report may not be reproduced in part, without the permission of this laboratory.
  - Any correction invalidates this test report.
  - Sample was collected using laboratory's SOP (UT/LQMS/SOP/W01A) based on CPCB's Guide Manual: Water & Wastewater Analysis, APHA 23rd Edition and IS3025 (Part 1).
  - This test report shall be referred along with Test Report No. UT/ELS/REPORT/ 5413 / 06 - 2024 Dated 29/06/2024 for final conclusion.

Analyzed By:  
Kavita Baviskar, Jayashree Acharya

Reviewed By:  
  
Tejaswini Ghugare  
(Deputy Quality Manager)



Authorized By:  
  
Meghan Patil  
(Head of Laboratory)  
Authorized Signatory

- END OF TEST REPORT -



### TEST REPORT

<b>ISSUED TO:</b>	<b>INDUSTRIAL MINERALS &amp; CHEMICAL COMPANY PVT</b>	<b>ULR NO.</b>	: --
Plot No.23 Part,MIDC Trans Thane Creek, Zone A Industrial Area,Village-Savli,Ghansoli,		<b>REPORT NO.</b>	: UT/ELS/REPORT/ 5413 / 06 - 2024
NaviMumbai - 400710		<b>ISSUE DATE</b>	: 29/06/2024
		<b>YOUR REF.</b>	: AGREEMENT
		<b>REF. DATE</b>	: 09/02/2020 Agreement dt.-01/07/2023

SAMPLE PARTICULARS		WATER SAMPLE ANALYSIS	
Sampling Plan Ref. No.:	: 52-06/2024	Sample Type	: Drinking Water
Sampling Procedure	: UT/LQMS/SOP/W01A	Sample Location	: Near main Gate ( Tap)
Date & Time of Sampling	: 08/06/2024 16:15 Hrs.	Sample Quantity &	: 100 ml in Sterilized Corning Bottle for Bacteriological Parameters.
Sample Registration Date	: 10/06/2024	Packaging Details	: 2L in Polyethylene Container for Other Parameters.
Analysis Starting Date	: 10/06/2024		
Analysis Completion Date	: 17/06/2024		
Sample Lab Code	: UT/ELS/232/06-2024		
Sample Collected By	: ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD.		


Sr. No.	Test Parameter	Test Method	Test Result	Unit	Standard Limits [IS 10500 : 2012 (Acceptable Limit)]
<b>General Parameters Concerning Substances Undesirable in Excessive Amounts</b>					
1	Phenolphthalein Alkalinity as CaCO3	IS 3025 (Part 23):1986	BDL[DL=1]	mg/L	NA
2	Calcium Hardness as CaCO3	IS 3025 (Part 40):1991	22	mg/L	NA
<b>Parameters Concerning Toxic Substances</b>					
1	Lead as Pb	IS 3025 (Part 47):1994	BDL[DL=0.6]	mg/L	Max 0.01
<b>Bacteriological Quality of Drinking Water</b>					
1	Total Coliform Bacteria	IS 1622:1981	BDL[DL=2]	MPN/100ml	Shall not be detectable
2	Escherichia Coliform (E. coli)	IS 1622:1981	ABSENT	--	Shall not be detectable
3	Fecal Coliform (F. coli)	IS 1622:1981	BDL[DL=2]	MPN/100ml	Shall not be detectable
<b>BDL: Below Detection Limit</b>		<b>DL: Detection Limit</b>		<b>NA : Not Applicable</b>	

Remark/ Statement of Conformity: The results conform to standard limits wherever applicable.

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  3. Any correction invalidates this test report.
  4. Parameter/s tested are not covered under NABL scope.
  5. Sample was collected using laboratory's SOP (UT/LQMS/SOP/W01A) based on CPCB's Guide Manual: Water & Wastewater Analysis, APHA 23rd Edition and IS3025 (Part 1).
  6. This test report shall be referred along with Test Report No. UT/ELS/REPORT/ 5412 / 06 - 2024 Dated 29/06/2024 for final conclusion.

Analyzed By:  
Kavita Baviskar, Jayashree Acharya


Reviewed By:

  
Tejaswini Ghugare  
(Deputy Quality Manager)

- END OF TEST REPORT -



Authorized By:

  
Meghan Patil  
(Head of Laboratory)  
Authorized Signatory

Lab: Survey No. 93/A, Conformity Hissa No. 2, G V Brothers Bldg., Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India.

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Regd.: Unit No. 224, 225, Jai Commercial Complex, Eastern Express Highway, Opp. Cadbury Factory, Khopat, Thane (W) 400 601, Maharashtra, India.

### TEST REPORT

<b>ISSUED TO:</b>	<b>INDUSTRIAL MINERALS &amp; CHEMICAL COMPANY PVT</b>	<b>ULR NO.</b>	<b>: ULR-TC5600 24 000004149F</b>
Plot No.23 Part,MIDC Trans Thane Creek, Zone A, Industrial Area,Village-Savli,Ghansoli NaviMumbai - 400710		<b>REPORT NO.</b>	<b>: UT/ELS/REPORT/ 5818 /07 -2024</b>
<b>For Project:</b>		<b>ISSUE DATE</b>	<b>: 11/07/2024</b>
		<b>YOUR REF.</b>	<b>: AGREEMENT</b>
		<b>REF. DATE</b>	<b>: 09/02/2020 Agreement dt.-01/07/2023</b>

SAMPLE PARTICULARS		SOIL SAMPLE ANALYSIS	
<b>Sampling Plan Ref. No.:</b>	: 52-06/2024	<b>Sample Type</b>	: Soil
<b>Sampling Procedure</b>	: UT/LQMS/SOP/S01A	<b>Sample Location</b>	: Near Bulding No. 1
<b>Date &amp; Time of Sampling</b>	: 08/08/2024 16:25 Hrs.		
<b>Sample Registration Date</b>	: 10/06/2024		
<b>Analysis Starting Date</b>	: 10/06/2024		
<b>Analysis Completion Date</b>	: 20/06/2024	<b>Sample Quantity &amp; Packaging Details</b>	: 1 Kg. in Ziplock Plastic Bag. (Approximately)
<b>Sample Lab Code</b>	: UT/ELS/233/06-2024		

Sample Collected By : ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD.

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1	pH [1:2.5 Soil:Water]	IS 2720 (Part 22):1972	7.1	-
2	Electrical Conductivity [1:2 Soil:Water]	IS 14767:2000	285	µS/cm
3	Bulk Density	SOP No. UT/LQMS/SOP/S03	1061	kg/m <sup>3</sup>
4	Moisture Content	IS 2720 (Part 02):1973	6.4	%
5	Organic Matter	IS 2720 (Part 22):1972	0.7	%
6	Organic Carbon	IS 2720 (Part 22):1972	0.4	%
7	Water Holding Capacity	SOP No. UT/LQMS/SOP/S12	58.9	%
8	Cation Exchange Capacity	SOP No. UT/LQMS/SOP/S18	27.0	meq/100g
9	Sodium Adsorption Ratio	SOP No. UT/LQMS/SOP/S26	1.1	(meq/kg) <sup>(0.5)</sup>
10	Sodium as Na	SOP No. UT/LQMS/SOP/S19	27	mg/kg
11	Magnesium as Mg	SOP No. UT/LQMS/SOP/S22	644	mg/kg
12	Chlorides as Cl	SOP No. UT/LQMS/SOP/S23	50	mg/kg
13	Sulphate as SO <sub>4</sub>	SOP No. UT/LQMS/SOP/S24	61	mg/kg
14	Boron as B (Available)	SOP No. UT/LQMS/SOP/S27	0.7	mg/kg
			1.1	kg/ha <sup>†</sup>
15	Phosphorous as P <sub>2</sub> O <sub>5</sub> (Available)	SOP No. UT/LQMS/SOP/S28	35	mg/kg
			56	kg/ha <sup>†</sup>
16	Potassium as K <sub>2</sub> O (Available)	SOP No. UT/LQMS/SOP/S29	104	mg/kg
			166	kg/ha <sup>†</sup>
17	Nitrogen as N (Available)	SOP No. UT/LQMS/SOP/S30	60	mg/kg
			95	kg/ha <sup>†</sup>
18	Iron as Fe	SOP No. UT/LQMS/SOP/S35&S37	59823	mg/kg
19	Zinc as Zn	SOP No. UT/LQMS/SOP/S35&S37	29	mg/kg

Remark/ Statement of Conformity: Nil

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  4. Sample was collected using laboratory's SOP (UT/LQMS/SOP/S01A) based on Manual on Sampling, Analysis and Characterization of Hazardous Wastes, CPCB, New Delhi.
  5. Test results reported with unit/s † are obtained from scientific conversions/calculations applied to test results in mg/kg.

Analyzed By:  
Tejaswini Ghugare, Damini Chalke

Reviewed By:

*Jayashree*  
Jayashree Acharya  
(Quality Manager)



Authorized By:

*MJ Namjoshi*  
Manasi Namjoshi  
(Technical Manager)  
Authorized Signatory

- END OF TEST REPORT -



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**TEST REPORT**

**ISSUED TO:** INDUSTRIAL MINERALS & CHEMICAL COMPANY PVT LTD **ULR NO. :** ULR-TC5600 24 00003701F  
**Plot No.23 Part,MIDC Trans Thane Creek, Zone A, Industrial Area,Village-Savli,Ghansoli, NaviMumbai - 400710** **REPORT NO. :** UT/ELS/REPORT/ 5188 /06 - 2024  
**ISSUE DATE :** 26/06/2024  
**YOUR REF. :** AGREEMENT  
**REF. DATE :** 09/02/2020 Agreement dt.-01/07/2023

**SAMPLE PARTICULARS :** **AMBIENT AIR QUALITY MONITORING**  
**Sampling Plan Ref. No.:** 56-06/2024 **Location Code :** 1  
**Sampling Procedure :** UT/LQMS/SOP/AA01A **Sample Location :** Near Project Site Office  
**Date & Time of Sampling :** 08/06/2024 16:00 Hrs. to 09/06/2024 16:00 Hrs.  
**Sample Registration Date :** 10/06/2024 **GPS Co-ordinates :** N 19°06'53.9", E 73°00'33.1"  
**Analysis Starting Date :** 10/06/2024 **Height of Sampler :** 1 Meter  
**Analysis Completion Date :** 14/06/2024 **Sampling Duration :** 24:00 Hours:Minutes  
**Ambient Air Temperature :** 28.3 °C to 32.2 °C **Sample Lab Code :** UT/ELS/265/06-2024  
**Relative Humidity :** 72.5 % to 87.4 %  
**Sample Collected By :** ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD.

Sr. No.	Test Parameter	Test Method	Test Result	Unit	NAAQMS Industrial, Residential, Rural and Other Area 24 Hrs. <sup>^</sup> or 1 Hr. <sup>^</sup>
1	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182 (Part 2) : 2023	BDL[DL=5]	µg/m <sup>3</sup>	80
2	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182 (Part 6) : 2006	16	µg/m <sup>3</sup>	80
3	Particulate Matter (PM <sub>10</sub> )	EPA/625/R-96/010a Compendium Method IO-2.1	69	µg/m <sup>3</sup>	100
4	Particulate Matter (PM <sub>2.5</sub> )	IS 5182 (Part 24) : 2019	33	µg/m <sup>3</sup>	60
5	Carbon Monoxide (CO) <sup>†</sup>	IS 5182 (Part 10) : 1999	1.5	mg/m <sup>3</sup>	4

<sup>†</sup>: Sampling Period 1 Hr.

BDL: Below Detection Limit

DL=Detection Limit

**Remark/ Statement of Conformity:** The parameters tested above are found to be within 24 hourly TWA of National Ambient Air Quality Monitoring Standard (NAAQMS), Part III- Section IV.

Sampling Equipment Details	Instrument Used	Lab ID	Make	Model	Sl. No.	Calibration Valid up to
	Fine Dust Sampler	UT/LAB/105	Polltech	PEM-ADS 2.5/10µ	18113	28/02/2025
Respirable Dust Sampler	UT/LAB/192	Polltech	PEM-RDS 9	1118	21/01/2025	

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  - Samples were collected by following laboratory's SOP (UT/LQMS/SOP/AA01A) based on CPCB Guidelines - National Ambient Air Quality Monitoring Series: NAAQMS/2003-04 and respective test methods.
  - Weather during sampling was Sunny & Clear.
  - <sup>^</sup>Time weighted average shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive monitorings.
  - Air Quality Index (AQI) at above sampling location 75 which is Satisfactory as per National AQI based on concentrations obtained for reported parameters. [National Air Quality Index (IND-AQI) is calculated using AQI Calculator available at 'https://cpcb.nic.in/National-Air-Quality-Index/'].

**Analyzed By:**  
Deepa Gautam, Divya Mhatre

**Reviewed By:**

*Jayashree*  
Jayashree Acharya  
(Quality Manager)



**Authorized By:**

*Meghan Patil*  
Meghan Patil  
(Head of Laboratory)  
Authorized Signatory

- END OF TEST REPORT -



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### TEST REPORT

**ISSUED TO:** INDUSTRIAL MINERALS & CHEMICAL COMPANY PVT LTD **ULR NO. :** ULR-TC5600 24 00003702F  
**Plot No.23 Part,MIDC Trans Thane Creek, Zone A, Industrial Area,Village-Savli,Ghansoli, NaviMumbai - 400710** **REPORT NO. :** UT/ELS/REPORT/ 5189 /06 - 2024  
**ISSUE DATE :** 26/06/2024  
**YOUR REF. :** AGREEMENT  
**REF. DATE :** 09/02/2020 Agreement dt.-01/07/2023

<b>SAMPLE PARTICULARS :</b>	<b>AMBIENT AIR QUALITY MONITORING</b>
<b>Sampling Plan Ref. No.:</b> : 56-06/2024	<b>Location Code :</b> 2
<b>Sampling Procedure :</b> : UT/LQMS/SOP/AA01A	<b>Sample Location :</b> Bulding East Site Nr. Nyati Store
<b>Date &amp; Time of Sampling :</b> : 08/06/2024 16:20 Hrs. to 09/06/2024 16:20 Hrs.	
<b>Sample Registration Date :</b> : 10/06/2024	<b>GPS Co-ordinates :</b> N 19°06'54.9", E 73°00'47.8"
<b>Analysis Starting Date :</b> : 10/06/2024	<b>Height of Sampler :</b> 1 Meter
<b>Analysis Completion Date :</b> : 14/06/2024	<b>Sampling Duration :</b> 24:00 Hours:Minutes
<b>Ambient Air Temperature :</b> : 28.4 °C to 32.4 °C	<b>Sample Lab Code :</b> UT/ELS/266/06-2024
<b>Relative Humidity :</b> : 72.7 % to 87.5 %	
<b>Sample Collected By :</b> : ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD.	

Sr. No.	Test Parameter	Test Method	Test Result	Unit	NAAQMS Industrial, Residential, Rural and Other Area 24 Hrs. <sup>^</sup> or 1 Hr. <sup>^</sup>
1	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182 (Part 2) : 2023	5	µg/m <sup>3</sup>	80
2	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182 (Part 6) : 2006	26	µg/m <sup>3</sup>	80
3	Particulate Matter (PM <sub>10</sub> )	EPA/625/R-96/010a Compendium Method IO-2.1	67	µg/m <sup>3</sup>	100
4	Particulate Matter (PM <sub>2.5</sub> )	IS 5182 (Part 24) : 2019	20	µg/m <sup>3</sup>	60
5	Carbon Monoxide (CO) <sup>†</sup>	IS 5182 (Part 10) : 1999	1.0	mg/m <sup>3</sup>	4

†: Sampling Period 1 Hr.

**Remark/ Statement of Conformity:** The parameters tested above are found to be within 24 hourly TWA of National Ambient Air Quality Monitoring Standard (NAAQMS), Part III- Section IV.

Sampling Equipment Details	Instrument Used	Lab ID	Make	Model	Sl. No.	Calibration Valid up to
	Fine Dust Sampler	UT/LAB/92	Polltech	PEM-ADS 2.5/10µ	15913	28/02/2025
	Respirable Dust Sampler	UT/LAB/191	Polltech	PEM-RDS 9	1018	21/01/2025

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  - Samples were collected by following laboratory's SOP (UT/LQMS/SOP/AA01A) based on CPCB Guidelines - National Ambient Air Quality Monitoring Series: NAAQMS/2003-04 and respective test methods.
  - Weather during sampling was Sunny & Clear.
  - <sup>^</sup>Time weighted average shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive monitorings.
  - Air Quality Index (AQI) at above sampling location 67 which is Satisfactory as per National AQI based on concentrations obtained for reported parameters. [National Air Quality Index (IND-AQI) is calculated using AQI Calculator available at '<https://cpcb.nic.in/National-Air-Quality-Index/>'].

**Analyzed By:**  
Deepa Gautam, Divya Mhatre

**Reviewed By:**

*Jayashree*  
Jayashree Acharya  
(Quality Manager)



**Authorized By:**

*Meghan Patil*  
Meghan Patil  
(Head of Laboratory)  
Authorized Signatory

- END OF TEST REPORT -



Lab: Survey No. 93/A, Conformity Hissa No. 2, G V Brothers Bldg., Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India.

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### TEST REPORT

**ISSUED TO:** INDUSTRIAL MINERALS & CHEMICAL COMPANY PVT LTD **ULR NO. :** ULR-TC5600 24 000003703F  
**Plot No.23 Part,MIDC Trans Thane Creek, Zone A, Industrial Area,Village-Savli,Ghansoli, NaviMumbai - 400710** **REPORT NO. :** UT/ELS/REPORT/ 5190 /06 -2024  
**ISSUE DATE :** 26/06/2024  
**YOUR REF. :** AGREEMENT  
**REF. DATE :** 09/02/2020 Agreement dt.-01/07/2023

**SAMPLE PARTICULARS :** **AMBIENT AIR QUALITY MONITORING**  
**Sampling Plan Ref. No.:** 56-06/2024 **Location Code :** 3  
**Sampling Procedure :** UT/LQMS/SOP/AA01A **Sample Location :** Bulding West Site Nr. Nyati Store  
**Date & Time of Sampling :** 07/06/2024 16:40 Hrs. to 08/06/2024 16:40 Hrs.  
**Sample Registration Date :** 10/06/2024 **GPS Co-ordinates :** N 19°06'53.4", E 73°00'39.6"  
**Analysis Starting Date :** 10/06/2024 **Height of Sampler :** 1 Meter  
**Analysis Completion Date :** 14/06/2024 **Sampling Duration :** 24:00 Hours:Minutes  
**Ambient Air Temperature :** 28.6 °C to 32.5 °C **Sample Lab Code :** UT/ELS/267/06-2024  
**Relative Humidity :** 72.8 % to 87.6 %  
**Sample Collected By :** ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD.

Sr. No.	Test Parameter	Test Method	Test Result	Unit	NAAQMS Industrial, Residential, Rural and Other Area 24 Hrs. ^ or 1 Hr ^
1	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182 (Part 2) : 2023	BDL[DL=5]	µg/m <sup>3</sup>	80
2	Nitrogen Dioxide (NO <sub>2</sub> )	IS 5182 (Part 6) : 2006	25	µg/m <sup>3</sup>	80
3	Particulate Matter (PM <sub>10</sub> )	EPA/625/R-96/010a Compendium Method IO-2.1	87	µg/m <sup>3</sup>	100
4	Particulate Matter (PM <sub>2.5</sub> )	IS 5182 (Part 24) : 2019	22	µg/m <sup>3</sup>	60
5	Carbon Monoxide (CO) <sup>†</sup>	IS 5182 (Part 10) : 1999	1.2	mg/m <sup>3</sup>	4

†: Sampling Period 1 Hr.

BDL: Below Detection Limit

DL=Detection Limit

**Remark/ Statement of Conformity:** The parameters tested above are found to be within 24 hourly TWA of National Ambient Air Quality Monitoring Standard (NAAQMS), Part III- Section IV.

Sampling Equipment Details	Instrument Used	Lab ID	Make	Model	Sl. No.	Calibration Valid up to
	Fine Dust Sampler	UT/LAB/93	Polltech	PEM-ADS 2.5/10µ	16013	31/12/2024
Respirable Dust Sampler	UT/LAB/214	Polltech	PEM-RDS 9 NL	120	29/11/2024	

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  - Any correction invalidates this test report.
  - Samples were collected by following laboratory's SOP (UT/LQMS/SOP/AA01A) based on CPCB Guidelines - National Ambient Air Quality Monitoring Series: NAAQMS/2003-04 and respective test methods.
  - Weather during sampling was Sunny & Clear.
  - ^Time weighted average shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive monitorings.
  - Air Quality Index (AQI) at above sampling location 87 which is Satisfactory as per National AQI based on concentrations obtained for reported parameters. [National Air Quality Index (IND-AQI) is calculated using AQI Calculator available at '<https://cpcb.nic.in/National-Air-Quality-Index/>']

**Analyzed By:**  
Deepa Gautam, Divya Mhatre

**Reviewed By:**

*Jayashree*  
Jayashree Acharya  
(Quality Manager)



**Authorized By:**

*Meghan Patil*  
Meghan Patil  
(Head of Laboratory)  
Authorized Signatory

- END OF TEST REPORT -

### TEST REPORT

<b>ISSUED TO: INDUSTRIAL MINERALS &amp; CHEMICAL COMPANY PVT LTD</b>	<b>ULR NO.</b>	: --
Plot No.23 Part, MIDC Trans Thane Creek, Zone A,	<b>REPORT NO.</b>	: UT/ELS/REPORT/5665/07-2024
Industrial Area, Village- Savli, Ghansoli,	<b>ISSUE DATE</b>	: 03/07/2024
Navi Mumbai - 400710	<b>YOUR REF.</b>	: AGREEMENT
	<b>REF. DATE</b>	: 09/02/2020 Agreement dt.-01/07/2023

<b>SAMPLE PARTICULARS</b>	:	<b>WORKPLACE NOISE LEVEL MONITORING</b>	
<b>Sampling Plan Ref. No.</b>	: 56-06/2024	<b>Sample Lab Code</b>	: UT/ELS/268/06-2024
<b>Date of Monitoring</b>	: 08/06/2024		
<b>Survey Done By</b>	: ULTRATECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD.		

Sr. No.	Location	Noise Level Reading in dB(A)			
		Time (Hrs)	Day dB(A)	Time (Hrs)	Night dB(A)
01.	Near Main Gate	16:35 to 16:40	62.4	22:05 to 22:10	50.2
02.	Near project site Office	16:45 to 16:50	60.2	22:15 to 22:20	48.1
03.	Building east site near nyati store	16:55 to 17:00	63.4	22:25 to 22:30	47.2
04.	Project center site	17:05 to 17:10	61.9	22:35 to 22:40	45.8
05.	Building west site near nyati store	17:15 to 17:20	59.7	22:45 to 22:50	46.2

**Remark/ Statement of Conformity:** The Noise Pollution (Regulation And Control) Rules, 2000: Is Provided as Annexure III for Your Reference.  
(Turnover to find Annexure)

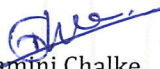
**Note:** 1. Monitoring area coming under Industrial Area.  
2. Noise level monitored is an average for period as stated above, the permissible sound pressure level is to be determined with respect to the total time a workman is being exposed (continuously or a number of short term exposures per day) in Hrs.

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Sound Level Meter	Make -3 M solution; Model-SE-402 Class 2; Sr. No. SE40210809	Valid up to - 01/12/2024

**Note:** 1. This test report refers only to the monitoring conducted.  
2. This test report may not be reproduced in part, without the permission of this laboratory.  
3. Any correction invalidates this test report.

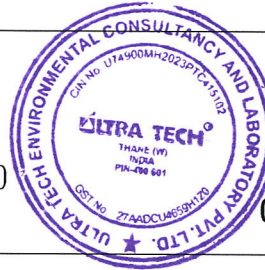
**Monitored By:**  
Mahesh Khade,  
Mahesh More  
Sandesh Parte

**Reviewed By:**

  
Damini Chalke  
(Deputy Technical Manager)

**Authorized By:**

  
Meghan Patil  
(Head of laboratory)  
(Authorized Signatory)



- END OF REPORT -



## ANNEXURE- III

### THE NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000

*(The Principal Rules were published in the Gazette of India, vide S.O. 123(E), dated 14.2.2000 and subsequently amended vide S.O. 1046(E), dated 22.11.2000, S.O. 1088(E), dated 11.10.2002, S.O. 1569 (E), dated 19.09.2006 and S.O. 50 (E) dated 11.01.2010 under the Environment (Protection) Act, 1986.)*

#### **• THE PERMISSIBLE LEVELS FOR NOISE EXPOSURE FOR WORK ZONE**

(The Model Rules Of The Factories Act, 1948)

Peak sound pressure level in dB	Permitted number of impulses or impact/day
140	100
135	315
130	1000
125	3160
120	10000

- Notes:
1. No exposure in excess of 140 dB peak sound pressure level is permitted.
  2. For any peak sound pressure level falling in between any figure and the next higher or lower figure as indicated in column 1, the permitted number of impulses or impacts per day is to be determined by extrapolation on a proportionate basis.

Total time exposure (continuous or a number of short term exposures per day) in Hrs	Sound Pressure Level in dB(A)
8	90
4	93
2	96
1	99
1/2	102
1/8	108
1/16	111
1/32 (2 minutes) or less	114

- Notes:
1. No exposure in excess of 115 dB(A) is to be permitted.
  2. For any period of exposure falling in between any figure and the next higher or lower figure as indicated in column 1, the permissible sound pressure level is to be determined by extrapolation on a proportionate basis.