



TEST REPORT

Lab No.	120424L-ED-007			Page No. 1/2	
Customer#	Meters and Instruments Pvt. Ltd. Plot No. 143-A Industrial Area, Phase -1 Chandigarh Chandigarh				
Type of Sample#	Stack Emission (DG)				
Customer's Description of Sample#	Stack Emission (DG)				
Quantity#	01 No.				
Packing, Markings#	Thimble Packed in polythene Pouch.				
Mode of Collection of Sample	Sampling by Laboratories				
Work Order No.#	NIL	Dated	11/04/2024		
Date of Receipt of Sample	12/04/2024				
Period of Analysis	12/04/2024 To 16/04/2024				
Sampling Team	Idma Representative Team	Client	Mr. Devender		
Sampling Location#	Stack Attach DG -3, Sudhir 1010 KVA				
Visual Observation	N/A				
Date of Sampling	11/04/2024				
Date of Reporting	16/04/2024				
Sampling Protocol	LATS/80/2013-14 USEPA:2013				
Testing Protocol	CPCB				

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (ATMOSPHERIC POLLUTION):	-	-	-	
	STACK MONITORING -GENERAL INFORMATIONS:	-	-	-	
1	Stack Height	Meters	30	-	-
2	Stack Diameter	Meters	0.305	-	-
3	Ambient Temperature	°C	35	-	-
4	Stack Temperature	°C	136	-	-
5	Velocity	m/s	8.3	-	-
6	Type of Fuel	-	HSD	-	-


Reviewed by
Dipti Jaiswal
Asst. Tech. Manager
Panchkula


16/04/24
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

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TEST REPORT

Lab No.		120424L-ED-007				Page No. 2/2
S.No.	Test Parameter	Units	Results	Specifications	Test Method	
7	Sampling Flow rate	LPM	27	-	-	
8	Sampling Time	Minutes	40	-	-	
9	Volumetric Flow rate	Nm ³ /hr	2182	-	-	
	PARAMETERS:	-	-	-	-	
10	PM	mg /Nm ³	58.4	Max. 75	IS:11255(Part -1)	
11	CO	mg /Nm ³	74.2	Max. 150	IS:13270	
12	NOx	ppmv	123.6	Max. 710	IS: 11255(Part -7)	
13	SO2	mg /Nm ³	41.5	-	IS: 11255(Part -2)	

Represents details provided by the customer.

End of Report



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TEST REPORT

Lab No.	120424L-ED-008			Page No. 1/1
Customer#	Meters and Instruments Pvt. Ltd. Plot No. 143-A Industrial Area, Phase -1 Chandigarh Chandigarh			
Type of Sample#	Noise Level D.G.			
Customer's Description of Sample#	Noise Level D.G.			
Quantity#	01 No.			
Packing, Markings#	Instrument at Site.			
Mode of Collection of Sample	Sampling by Laboratories			
Work Order No.#	NIL	Dated	11/04/2024	
Date of Receipt of Sample	12/04/2024			
Period of Analysis	12/04/2024 To 16/04/2024			
Sampling Team	Idma Representative Team	Client	Mr. Devender	
Sampling Location#	DG Noise, Sudhir 500 KVA			
Visual Observation	N/A			
Date of Sampling	11/04/2024			
Date of Reporting	16/04/2024			
Sampling Protocol	CPCB PROTOCOL:2015			
Testing Protocol	CPCB			

RESULTS

S.No.	Test Parameter	Units	Result	Specifications	Test Method
	CHEMICAL DISCIPLINE (Source Noise Levels)	-	-	-	-
1	1.0 m from the enclosure surface	dB(A)	72.7	Max. 75.0	CPCB PROTOCOL JULY 2015
2	0.5 m surface acoustic enclosure when door are open	dB (A)	102.5	--	CPCB PROTOCOL JULY 2015
3	0.5 m surface acoustic enclosure when door are Close	dB (A)	76.6	--	CPCB PROTOCOL JULY 2015
4	Insertion Loss	dB (A)	25.9	Min. 25	CPCB PROTOCOL JULY 2015

Represents details provided by the customer.

****End of Report****



Authorised signatory
Kartar Singh
16/04/24

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Idma Laboratories Limited



TEST REPORT

Lab No.	120424L-ED-009	Page No. 1/1
Customer#	Meters and Instruments Pvt. Ltd. Plot No. 143-A Industrial Area, Phase -1 Chandigarh Chandigarh	
Type of Sample#	Noise Level D.G.	
Customer's Description of Sample#	Noise Level D.G.	
Quantity#	01 No.	
Packing, Markings#	Instrument at Site.	
Mode of Collection of Sample	Sampling by Laboratories	
Work Order No.#	NIL	Dated 11/04/2024
Date of Receipt of Sample	12/04/2024	
Period of Analysis	12/04/2024 To 16/04/2024	
Sampling Team	Idma Representative Team	Client Mr. Devender
Sampling Location#	DG Noise, Sudhir 1010 KVA	
Visual Observation	N/A	
Date of Sampling	11/04/2024	
Date of Reporting	16/04/2024	
Sampling Protocol	CPCB PROTOCOL:2015	
Testing Protocol	CPCB	

RESULTS

S.No.	Test Parameter	Units	Result	Specifications	Test Method
	CHEMICAL DISCIPLINE (Source Noise Levels)	-	-	-	-
1	1.0 m from the enclosure surface	dB(A)	73.3	Max. 75.0	CPCB PROTOCOL JULY 2015
2	0.5 m surface acoustic enclosure when door are open	dB (A)	103.8	--	CPCB PROTOCOL JULY 2015
3	0.5 m surface acoustic enclosure when door are Close	dB (A)	78.2	--	CPCB PROTOCOL JULY 2015
4	Insertion Loss	dB (A)	25.6	Min. 25	CPCB PROTOCOL JULY 2015

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End of Report



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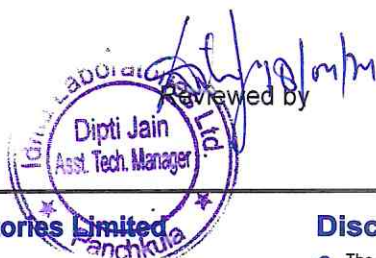
Lab No.	120424L-ED-010	Page No. 1/1
Customer#	Meters and Instruments Pvt. Ltd. Plot No. 143-A Industrial Area, Phase -1 Chandigarh Chandigarh	
Type of Sample#	Waste Water (STP Inlet)	
Customer's Description of Sample#	Waste Water (STP Inlet)	
Quantity#	5 Ltr.	
Packing, Markings, Seal & Quantity#	Plastic Can.	
Mode of Collection of Sample	Sampling by Laboratories	
Work Order No.#	NIL	Dated 11/04/2024
Date of Receipt of Sample	12/04/2024	
Period of Analysis	12/04/2024 To 18/04/2024	
Sampling Team Idma	Idma Representative Team	Client Mr. Devender
Sampling Location#	STP	
Visual Observation	N/A	
Date of Sampling	11/04/2024	
Date of Reporting	18/04/2024	
Sampling Protocol	IS:17614 (PART-1):2021	
Testing Protocol	-	

RESULTS

S.No.	Test Parameter	Units	Results	Test Method
	CHEMICAL TESTING (Waste Water)	-	-	-
1	pH	-	6.88	IS 3025 (Part 11)
2	Chemical Oxygen Demand (COD)	mg/L	124	IS 3025 (Part 58)
3	Biochemical Oxygen Demand	mg/L	38	IS 3025 (Part 44) BOD 3-days at 27 °C
4	Oil & Grease	mg/L	5.6	IS 3025 (Part 39)
5	Total Dissolved Solids (TDS)	mg/L	754	IS 3025 (Part 16)
6	Total Suspended Solids (TSS)	mg/L	90	IS 3025 (Part 17)

Represents details provided by the customer.

End of Report



18/04/24.
Authorised signatory



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Idma Laboratories Limited



TC-8207

TEST REPORT

Lab No.	120424L-ED-011	Page No. 1/1
Customer#	Meters and Instruments Pvt. Ltd. Plot No. 143-A Industrial Area, Phase -1 Chandigarh Chandigarh	
Type of Sample#	Waste Water (STP Outlet)	
Customer's Description of Sample#	Waste Water (STP Outlet)	
Quantity#	5 Ltr.	
Packing, Markings#	Plastic Can.	
Mode of Collection of Sample	Sampling by Laboratories	
Work Order No.#	NIL	Dated 11/04/2024
Date of Receipt of Sample	12/04/2024	
Period of Analysis	12/04/2024 To 18/04/2024	
Sampling Team	Idma Representative Team	Client Mr. Devender
Sampling Location#	STP	
Visual Observation	N/A	
Date of Sampling	11/04/2024	
Date of Reporting	18/04/2024	
Sampling Protocol	IS:17614 (PART-1):2021	
Testing Protocol	CPCB	

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (Waste Water)	-	-	-	-
1	pH	-	7.52	6.5-9.0	IS 3025 (Part 11)
2	Chemical Oxygen Demand (COD)	mg/L	64	-	IS 3025 (Part 58)
3	Biochemical Oxygen Demand	mg/L	12	Max. 20	IS 3025 (Part 44) BOD 3-days at 27 °C
4	Oil & Grease	mg/L	2.8	-	IS 3025 (Part 39)
5	Total Dissolved Solids (TDS)	mg/L	580	-	IS 3025 (Part 16)
6	Total Suspended Solids (TSS)	mg/L	30	Max. 50	IS 3025 (Part 17)

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****End of Report****



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Idma Laboratories Limited



TEST REPORT

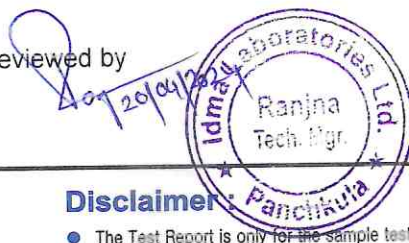
ULR : TC820724700001764F

Lab No.	120424L-FD-012	Page No. 1/2
Customer#	Meters and Instruments Pvt. Ltd. Plot No. 143-A Industrial Area, Phase -1 Chandigarh Chandigarh	
Type of Sample#	Borewell Water	
Customer's Description of Sample#	Borewell Water	
Quantity#	5 Ltr.+250 ml	
Packing, Markings, Seal & Quantity#	Plastic Can+ Glass Bottle.	
Mode of Collection of Sample	Sample collected by Lab Person, Loc.Borewell)	
Work Order No.#	NIL	Dated 11/04/2024
Date of Receipt of Sample	12/04/2024	
Period of Analysis	12/04/2024 To 20/04/2024	
Visual Observation	N/A	
Date of Reporting	20/04/2024	
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)
2	pH	-	7.74	6.5-8.5	No Relaxation	IS 3025 (Part 11)
3	Alkalinity as CaCO ₃	mg/L	206.0	Max. 200	Max. 600	IS 3025 (Part 23)
4	Calcium as Ca	mg/L	68.7	Max. 75	Max. 200	IS 3025 (Part 40)
5	Chloride as Cl	mg/L	15.5	Max. 250	Max. 1000	IS 3025 (Part 32)
6	Fluoride as F	mg/L	0.3	Max. 1	Max. 1.5	IS 3025 (Part 60)
7	Hardness Total (as CaCO ₃)	mg/L	210.1	Max. 200	Max. 600	IS 3025 (Part 21)
8	Nitrogen (Nitrate) NO ₃	mg/L	BLQ (LOQ-1.0)	Max. 45	No Relaxation	IS 3025 (Part 34)
9	Total Dissolved Solids	mg/L	287	Max. 500	Max. 2000	IS 3025 (Part 16)
10	Sulphate as SO ₄	mg/L	15.3	Max. 200	Max. 400	IS 3025 (Part 24)
	Biological Testing	--	-	--	--	--

Reviewed by



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TEST REPORT

ULR : TC820724700001764F

Lab No.		120424L-FD-012				Page No. 2/2
S.No.	Test Parameter	Units	Results	Requirements		Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
	(Water)					
11	E. coli	/100ml	Absent	Shall not be detectable in any 100ml sample	--	IS 15185:2016
12	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 received from the customer and the result related only to the tested sample.

BLQ : Below limit of quantification, LOQ :limit of quantification

Represents details provided by the customer.

End of Report



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