

Realtech Construction Pvt. Ltd.

CITY EMPORIUM MALL, PLOT NO. 143-A, INDUSTRIAL AREA PHASE-1, CHANDIGARH-160002
CONTACT NO.0172-5037100

Date :-26th June 2020

To,

Pollution Control Board,
Environment Building,
Sector-19 Madhya Marg,
Chandigarh.

Subject: - Submission of Monitoring Report at City Emporium Mall, 143-A, Industrial Area-1, Chandigarh. (DG, STP, Ambient Air & Bore well water Test Reports) June 2020

Sir,

We are submitting the Monitoring Report hard copy to you in respect of DG Stacks Emission Testing, DG Noise Level Testing, STP inlet and outlet sample & Ambient Air & Bore well water testing reports for your kind consideration.

Thanking You,

For City Emporium Mall

For City Emporium

(Authorized Signatory)



Encl: -Testing Reports:

1. DG-3 Stack Cummins-1010KVA (DG set, 1010 KVA)
2. DG-4 Stack Cummins-1000KVA (DG set, 1010 KVA)
3. DG-3 Noise Cummins-1010KVA (DG set, 1010 KVA)
4. DG-4 Noise Cummins-1010KVA (DG set, 1010 KVA)
5. DG-2 Stack Cummins-500KVA (DG set, 500 KVA)
6. DG-2 Noise Cummins-500KVA (DG Set, 500 KVA)
7. STP Outlet Sample Report (120 KL)
8. STP Inlet Sample Report (120 KL)
9. AMBIENT AIR Report Outer Area
10. AMBIENT AIR Report Inside Area
11. Bore well Water Report

Realtech Construction Pvt. Ltd.

CITY EMPORIUM MALL, PLOT NO. 143-A, INDUSTRIAL AREA PHASE-1, CHANDIGARH-160002
CONTACT NO. 0172-5037100

Date :-26th June 2020

To,

Ministry of Environment
Sector-31,
Chandigarh.

Subject: - Submission of Monitoring Report at City Emporium Mall, 143-A, Industrial Area-1, Chandigarh. (DG, STP, Ambient Air & Bore well water Test Reports) June 2020

Sir,

We are submitting the Monitoring Report hard copy to you in respect of DG Stacks Emission Testing, DG Noise Level Testing, STP inlet and outlet sample & Ambient Air & Bore well water testing reports for your kind consideration.

Thanking You,

For City Emporium Mall

For City Emporium

(Authorized Signatory)
Authorized Signatory

Encl: -Testing Reports:

1. DG-3 Stack Cummins-1010KVA (DG set, 1010 KVA)
2. DG-4 Stack Cummins-1000KVA (DG set, 1010 KVA)
3. DG-3 Noise Cummins-1010KVA (DG set, 1010 KVA)
4. DG-4 Noise Cummins-1010KVA (DG set, 1010 KVA)
5. DG-2 Stack Cummins-500KVA (DG set. 500 KVA)
6. DG-2 Noise Cummins-500KVA (DG Set, 500 KVA)
7. STP Outlet Sample Report (120 KL)
8. STP Inlet Sample Report (120 KL)
9. AMBIENT AIR Report Outer Area
10. AMBIENT AIR Report Inside Area
11. Bore well Water Report

Dropped in box
on date 06/07/2020
at 12:20 hrs



Idma Laboratories Limited

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NABL (TC-8207) MOEF/BIS/FSSAI/State Pollution Boards/Drug & Cosmetic Act/ISO 9001; 14001; 18001 Certified

TEST REPORT

Page No. 1/1

Ref. No. IL/D- 3259	Date 20-06-20	Lab No. 130620L-ED-014
Customer	Meters & Instruments Pvt Ltd. Plot No. 143-A, Industrial Area, Phase -1, Chandigarh	
Type of Sample	Stack Emission (DG)	
Customer's Description of Sample	Stack Emission (DG)	
Quantity	1 No.	
Packing, Markings	Thimble Packed in Polythene Pouch	
Mode of Collection of Sample	Sampling by the Laboratories	Dated 05/06/2020
Work Order No.	E-MAIL	
Date of Receipt of Sample	13/06/2020	
Period of Analysis	13/06/2020 To 17/06/2020	Client Mr. Sachin Arya
Sampling Team Idma	Mr. Johney Walker & Team	
Sampling Location	Sudhir Cummins 500 KVA	
Visual Observation	N/A	
Date of Sampling	12/06/2020	
Date of Reporting	17/06/2020	
Sampling Protocol	CPCB	
Testing Protocol	CPCB	

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (Stack emission)	-	-	-	-
	GENERAL INFORMATIONS:	-	-	-	-
1	Stack Height	Meters	30	-	-
2	Stack dia	Meters	0.3048	-	-
3	Ambient Temperature	°C	41	-	-
4	Stack Temperature	°C	98	-	-
5	Velocity	m/s	9.4	-	-
6	Type of Fuel	-	HSD	-	-
7	Sampling Flow rate	LPM	14	-	-
8	Sampling Time	Minutes	40	-	-
9	Volumetric Flow rate	Nm ³ /hr	2467.91	-	-
	PARAMETERS:	-	-	-	-
10	PM	g /kW-hr	0.12	Max. 0.2	IS:11255(P-1)-1985 (RA 2014)
11	NOx+HC	g /kW-hr	2.94	Max. 4.0	IS: 11255(P-7)-2005(RA 2017)
12	SO2	g /kW-hr	1.32	-	IS: 11255(P-2)-1985 (RA 2014)
13	CO	g /kW-hr	1.72	Max. 3.5	IS:13270-1992 (RA 2014)

Analyst

End of Report

For Idma Laboratories Limited

Authorized Signatory



Idma Corporate Park, 391, Industrial Area, Phase-I, Panchkula, Haryana.

Tel. No. : 0172- 5064827, 5064830

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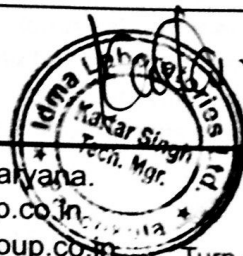
TEST REPORT

Ref. No. IL/D- 3260	Date	20.06.20	Lab No.	130620L-ED-015	Page No. 1/2
Customer	Meters & Instruments Pvt Ltd. Plot No. 143-A, Industrial Area, Phase -1, Chandigarh				
Type of Sample	Stack Emission (DG)				
Customer's Description of Sample	Stack Emission (DG)				
Quantity	1 No.				
Packing, Markings	Thimble Packed in Polythene Pouch				
Mode of Collection of Sample	Sampling by the Laboratories				
Work Order No.	E-MAIL			Dated	05/06/2020
Date of Receipt of Sample	13/06/2020				
Period of Analysis	13/06/2020 To 17/06/2020				
Sampling Team Idma	Mr. Johny Walker & Team			Client	Mr. Sachin Arya
Sampling Location	Sudhir Cummins 1010 KVA				
Visual Observation	N/A				
Date of Sampling	12/06/2020				
Date of Reporting	17/06/2020				
Sampling Protocol	CPCB				
Testing Protocol	CPCB				

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (Stack emission)	-	-	-	-
	GENERAL INFORMATIONS:	-	-	-	-
1	Stack Height	Meters	30	-	-
2	Stack dia	Meters	0.3048	-	-
3	Ambient Temperature	°C	40	-	-
4	Stack Temperature	°C	115	-	-
5	Velocity	m/s	9.8	-	-
6	Type of Fuel	-	HSD	-	-
7	Sampling Flow rate	LPM	15	-	-
8	Sampling Time	Minutes	40	-	-
9	Volumetric Flow rate	Nm ³ /hr	2572	-	-
	PARAMETERS:	-	-	-	-
10	PM	mg /Nm ³	63.4	Max. 75	IS:11255(P-1)-1985 (RA 2014)
11	NOx	ppmv	138.5	Max. 710	IS: 11255(P-7)-2005(RA 2017)
12	SO2	mg /Nm ³	42.8	-	IS: 11255(P-2)-1985 (RA 2014)
13	CO	mg /Nm ³	65.2	Max. 150	IS:13270-1992 (RA 2014)

[Signature]



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TEST REPORT

Ref. No. IL/D- 3260		Date	20.06.20	Lab No.	130620L-ED-015	Page No. 2/2
S.No.	Test Parameter	Units	Results	Specifications	Test Method	
14	NMHC (Non methane hydrocarbons)	mg /Nm ³	31.4	Max. 100	IS 5182 Part 21-2001 (RA 2017)	

End of Report


Analyst

For Idma Laboratories Limited


Authorized Signatory



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TEST REPORT

Ref. No. IL/D- 3261	Date	20.06.20	Lab No.	130620L-ED-016	Page No. 1/2
Customer	Meters & Instruments Pvt Ltd. Plot No. 143-A, Industrial Area, Phase -1, Chandigarh				
Type of Sample	Stack Emission (DG)				
Customer's Description of Sample	Stack Emission (DG)				
Quantity	1 No.				
Packing, Markings	Thimble Packed in Polythene Pouch				
Mode of Collection of Sample	Sampling by the Laboratories				
Work Order No.	E-MAIL			Dated	05/06/2020
Date of Receipt of Sample	13/06/2020				
Period of Analysis	13/06/2020 To 17/06/2020				
Sampling Team Idma	Mr. Johney Walker & Team			Client	Mr. Sachin Arya
Sampling Location	Sudhir Cummins 1010 KVA				
Visual Observation	N/A				
Date of Sampling	12/06/2020				
Date of Reporting	17/06/2020				
Sampling Protocol	CPCB				
Testing Protocol	CPCB				

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (Stack emission)	-	-	-	-
	GENERAL INFORMATION:	-	-	-	-
1	Stack Height	Meters	30	-	-
2	Stack dia	Meters	0.3048	-	-
3	Ambient Temperature	°C	40	-	-
4	Stack Temperature	°C	120	-	-
5	Velocity	m/s	9.6	-	-
6	Type of Fuel	-	HSD	-	-
7	Sampling Flow rate	LPM	14	-	-
8	Sampling Time	Minutes	40	-	-
9	Volumetric Flow rate	Nm ³ /hr	2520	-	-
	PARAMETERS:	-	-	-	-
10	PM	mg /Nm ³	63.7	Max. 75	IS:11255(P-1)-1985 (RA 2014)
11	NOx	ppmv	129.4	Max. 710	IS: 11255(P-7)-2005(RA 2017)
12	SO2	mg /Nm ³	41.5	-	IS: 11255(P-2)-1985 (RA 2014)
13	CO	mg /Nm ³	78.6	Max. 150	IS:13270-1992 (RA 2014)

Signature



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TEST REPORT

Ref. No. IL/D- 3261		Date	20.06.20	Lab No.	130620L-ED-016	Page No. 2/2
S.No.	Test Parameter	Units	Results	Specifications	Test Method	
14	NMHC (Non methane hydrocarbons)	mg /Nm ³	29.2	Max. 100	IS 5182 Part 21-2001 (RA 2017)	

End of Report

Analyst

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TEST REPORT

Ref. No. IL/D- 3262	Date	20.06.20	Lab No.	130620L-ED-017	Page No. 1/1
Customer	Meters & Instruments Pvt Ltd. Plot No. 143-A, Industrial Area, Phase -1, Chandigarh				
Type of Sample	Noise Level (DG)				
Customer's Description of Sample	Noise Level (DG)				
Quantity	1 No.				
Packing, Markings	Instrument at Site				
Mode of Collection of Sample	Sampling by the Laboratories				
Work Order No.	E-MAIL			Dated	05/06/2020
Date of Receipt of Sample	13/06/2020				
Period of Analysis	13/06/2020 To 15/06/2020				
Sampling Team Idma	Mr. Johny Walker & Team			Client	Mr. Sachin Arya
Sampling Location	Sudhir Cummins 500 KVA				
Visual Observation	N/A				
Date of Sampling	12/06/2020				
Date of Reporting	15/06/2020				
Sampling Protocol	CPCB				
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)	73.2	Max. 75.0	IS:7194-1994 R-2005(RA 2014)
2	0.5 m surface acoustic enclosure when door are open	dB (A)	102.1	--	IS:7194-1994 R-2005(RA 2014)
3	0.5 m surface acoustic enclosure when door are Close	dB (A)	76.5	--	IS:7194-1994 R-2005(RA 2014)
4	Insertion Loss	dB (A)	25.6	Min. 25	IS:7194-1994 R-2005(RA 2014)

End of Report


Analyst

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TEST REPORT

Ref. No. IL/D- 3263	Date	20.06.20	Lab No.	130620L-ED-018	Page No. 1/1	
Customer	Meters & Instruments Pvt Ltd. Plot No. 143-A, Industrial Area, Phase -1, Chandigarh					
Type of Sample	Noise Level (DG)					
Customer's Description of Sample	Noise Level (DG)					
Quantity	1 No.					
Packing, Markings	Instrument at Site					
Mode of Collection of Sample	Sampling by the Laboratories					
Work Order No.	E-MAIL				Dated	05/06/2020
Date of Receipt of Sample	13/06/2020					
Period of Analysis	13/06/2020 To 15/06/2020					
Sampling Team Idma	Mr. Johney Walker & Team				Client	Mr. Sachin Arya
Sampling Location	Sudhir Cummins 1010 KVA					
Visual Observation	N/A					
Date of Sampling	12/06/2020					
Date of Reporting	15/06/2020					
Sampling Protocol	CPCB					
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)	73.5	Max. 75.0	IS:7194-1994 R-2005(RA 2014)
2	0.5 m surface acoustic enclosure when door are open	dB (A)	102.7	--	IS:7194-1994 R-2005(RA 2014)
3	0.5 m surface acoustic enclosure when door are Close	dB (A)	77.3	--	IS:7194-1994 R-2005(RA 2014)
4	Insertion Loss	dB (A)	25.4	Min. 25	IS:7194-1994 R-2005(RA 2014)

End of Report

Analyst

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TEST REPORT

Ref. No. IL/D- 3264	Date	20.06.20	Lab No.	130620L-ED-019	Page No. 1/1
Customer	Meters & Instruments Pvt Ltd. Plot No. 143-A, Industrial Area, Phase -1, Chandigarh				
Type of Sample	Noise Level (DG)				
Customer's Description of Sample	Noise Level (DG)				
Quantity	1 No.				
Packing, Markings	Instrument at Site				
Mode of Collection of Sample	Sampling by the Laboratories				
Work Order No.	E-MAIL	Dated	05/06/2020		
Date of Receipt of Sample	13/06/2020				
Period of Analysis	13/06/2020 To 15/06/2020				
Sampling Team Idma	Mr. Johney Walker & Team	Client	Mr. Sachin Arya		
Sampling Location	Sudhir Cummins 1010 KVA				
Visual Observation	N/A				
Date of Sampling	12/06/2020				
Date of Reporting	15/06/2020				
Sampling Protocol	CPCB				
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)	73.5	Max. 75.0	IS:7194-1994 R-2005(RA 2014)
2	0.5 m surface acoustic enclosure when door are open	dB (A)	103.1	--	IS:7194-1994 R-2005(RA 2014)
3	0.5 m surface acoustic enclosure when door are Close	dB (A)	77.6	--	IS:7194-1994 R-2005(RA 2014)
4	Insertion Loss	dB (A)	25.5	Min. 25	IS:7194-1994 R-2005(RA 2014)

End of Report


Analyst

For Idma Laboratories Limited

Authorized Signatory



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TEST REPORT

Ref. No. IL/D- 3265	Date	20.06.20	Lab No.	130620L-ED-020	Page No. 1/1
Customer	Meters & Instruments Pvt Ltd. Plot No. 143-A, Industrial Area, Phase -1, Chandigarh				
Type of Sample	Ambient Air				
Customer's Description of Sample	Ambient Air				
Quantity	1 No.				
Packing, Markings	Filter Paper Packed in Polythene Pouch				
Mode of Collection of Sample	Sampling by the Laboratories				
Work Order No.	E-MAIL	Dated	05/06/2020		
Date of Receipt of Sample	13/06/2020				
Period of Analysis	13/06/2020 To 17/06/2020				
Sampling Team Idma	Mr. Jorney Walker & Team	Client	Mr. Sachin Arya		
Sampling Location	Near Main Gate				
Visual Observation	N/A				
Date of Sampling	12/06/2020				
Date of Reporting	17/06/2020				
Sampling Protocol	IS:5182				
Testing Protocol	NAAQS				

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (Ambient air)	-	-	-	-
1	PM 10	µg/m³	79.2	Max. 100	IS:5182(P-23)-2006(RA 2017)
2	PM2.5	µg/m³	35.1	Max. 60	IDL/SP/03, Issue No-1. Issue Date.16.04.16
3	SO2	µg/m³	19.32	Max. 80	IS:5182(P-02)-2001 (RA 2017)
4	NO2	µg/m³	22.14	Max. 80	IS:5182(P-6)-2006(RA 2017)

End of Report


Analyst

For Idma Laboratories Limited

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TEST REPORT

Ref. No. IL/D- 3266	Date 20.06.20	Lab No. 130620L-ED-021	Page No. 1/1
Customer	Meters & Instruments Pvt Ltd. Plot No. 143-A, Industrial Area, Phase -1, Chandigarh		
Type of Sample	Ambient Air		
Customer's Description of Sample	Ambient Air		
Quantity	1 No.		
Packing, Markings	Filter Paper Packed in Polythene Pouch		
Mode of Collection of Sample	Sampling by the Laboratories		
Work Order No.	E-MAIL	Dated	05/06/2020
Date of Receipt of Sample	13/06/2020		
Period of Analysis	13/06/2020 To 17/06/2020		
Sampling Team Idma	Mr. Johney Walker & Team	Client	Mr. Sachin Arya
Sampling Location	Ground Area (Hall Area)		
Visual Observation	N/A		
Date of Sampling	12/06/2020		
Date of Reporting	17/06/2020		
Sampling Protocol	IS:5182		
Testing Protocol	NAAQS		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (Ambient air)	-	-	-	-
1	PM 10	µg/m³	75.6	Max. 100	IS:5182(P-23)-2006(RA 2017)
2	PM2.5	µg/m³	36.5	Max. 60	IDL/SP/03, Issue No-1. Issue Date.16.04.16
3	SO2	µg/m³	20.15	Max. 80	IS:5182(P-02)-2001 (RA 2017)
4	NO2	µg/m³	22.64	Max. 80	IS:5182(P-6)-2006(RA 2017)

End of Report

R62
Analyst

For Idma Laboratories Limited

Authorized Signatory



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TEST REPORT

Ref. No. IL/D- 3267	Date	20.06.20	Lab No.	130620L-ED-022	Page No. 1/1
Customer	Meters & Instruments Pvt Ltd. Plot No. 143-A, Industrial Area, Phase -1, 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 the Laboratories				
Work Order No.	E-MAIL	Dated	05/06/2020		
Date of Receipt of Sample	13/06/2020				
Period of Analysis	13/06/2020 To 19/06/2020				
Sampling Team Idma	Mr. Johney Walker & Team	Client	Mr. Sachin Arya		
Sampling Location	STP Plant				
Visual Observation	N/A				
Date of Sampling	12/06/2020				
Date of Reporting	19/06/2020				
Sampling Protocol	IS:3025-1987				
Testing Protocol	-				

RESULTS

S.No.	Test Parameter	Units	Results	Test Method
	CHEMICAL TESTING (Waste water)	-	-	-
1	pH	-	6.52	IS 3025 (P-11) 1983 (RA 2017)
2	Chemical Oxygen Demand (COD)	mg/L	284	IS 3025 : Part 58-2006 (RA 2017)
3	Biochemical Oxygen Demand	mg/L	57	IS: 3025 (P-44)-1993 (RA 2014) BOD 3-days at 27 °C
4	Oil & Grease	mg/L	3.4	IS 3025 (P-39) 1991 (RA 2014) Partition Gravimetric Method
5	Total Dissolved Solids (TDS)	mg/L	675	IS 3025 (P-16) 1984 (RA 2017)
6	Total Suspended Solids (TSS)	mg/L	70	IS 3025 (P-17) 1984 (RA 2017)

Opinion :

End of Report


Analyst

For Idma Laboratories Limited

Authorized Signatory



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TEST REPORT

Ref. No. IL/D- 3268	Date	20.06.20	Lab No.	130620L-ED-023	Page No. 1/1
Customer	Meters & Instruments Pvt Ltd. Plot No. 143-A, Industrial Area, Phase -1, 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 the Laboratories				
Work Order No.	E-MAIL	Dated	05/06/2020		
Date of Receipt of Sample	13/06/2020				
Period of Analysis	13/06/2020 To 19/06/2020				
Sampling Team Idma	Mr. Johney Walker & Team	Client	Mr. Sachin Arya		
Sampling Location	STP Plant				
Visual Observation	N/A				
Date of Sampling	12/06/2020				
Date of Reporting	19/06/2020				
Sampling Protocol	IS:3025-1987				
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 (P-11) 1983 (RA 2017)
2	Chemical Oxygen Demand (COD)	mg/L	140	-	IS 3025 : Part 58-2006 (RA 2017)
3	Biochemical Oxygen Demand	mg/L	15	Max. 20	IS: 3025 (P-44)-1993 (RA 2014) BOD 3-days at 27 °C
4	Oil & Grease	mg/L	<2.5	-	IS 3025 (P-39) 1991 (RA 2014) Partition Gravimetric Method
5	Total Dissolved Solids (TDS)	mg/L	416	-	IS 3025 (P-16) 1984 (RA 2017)
6	Total Suspended Solids (TSS)	mg/L	10	Max. 50	IS 3025 (P-17) 1984 (RA 2017)

End of Report

For Idma Laboratories Limited

Authorized Signatory


Analyst



Idma Corporate Park, 391, Industrial Area, Phase-I, Panchkula, Haryana.

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Idma Laboratories Limited

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TEST REPORT

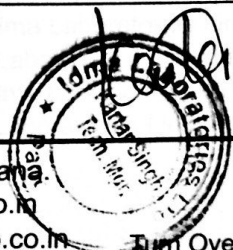
Page No. 1/2

Ref. No. IL/D- 3269	Date	20.06.20	Lab No.	130620L-ED-024	
Customer	Meters & Instruments Pvt Ltd. Plot No. 143-A, Industrial Area, Phase -1, Chandigarh				
Type of Sample	Borewell Water				
Customer's Description of Sample	Borewell Water				
Quantity	5 Ltr.				
Packing, Markings, Seal & Quantity	Plastic Can				
Mode of Collection of Sample	Sampling by the Laboratories			Dated	05/06/2020
Work Order No.	E-MAIL				
Date of Receipt of Sample	13/06/2020				
Period of Analysis	13/06/2020 To 19/06/2020				
Sampling Team Idma	Mr. Johny Walker & Team			Client	Mr. Sachin Arya
Sampling Location	Near Main Gate				
Visual Observation	N/A				
Date of Sampling	12/06/2020				
Date of Reporting	19/06/2020				
Sampling Protocol	IS:3025-1987				
Testing Protocol	IS: 10500:2012 Amdt 1 & 2				

RESULTS

S.No.	Test Parameter	Units	Results	Requirements		Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
	Chemical Testing (Water)	-	-	-	-	-
1	Color	Hazen	3	Max. 5	Max. 15	IS 3025 (P-4) 1983 (RA 2017)
2	Odour	Qualitative	Agreeable	Agreeable	Agreeable	IS3025 (P-5)1983 (RA 2017)
3	pH	-	7.62	6.5-8.5	No Relaxation	IS 3025 (P-11) 1983 (RA 2017)
4	Chloride as Cl	mg/L	30	Max. 250	Max. 1000	IS 3025 (P-32) 1988 (RA 2014)
5	Hardness Total (as CaCO ₃)	mg/L	175	Max. 200	Max. 600	IS 3025 (P-21):2009(RA 2014) EDTA Method
6	Total Dissolved Solids	mg/L	351	Max. 500	Max. 2000	IS 3025 (P-16) 1984 (RA 2017)
7	Taste	Qualitative	Agreeable	Agreeable	Agreeable	IS 3025 (Pt. 8):1983
8	Residual Free chlorine	mg/L	<0.1	0.2 Min.	1	IS: 3025 (P- 26)1986(RA 2014)
9	Iron as Fe	mg/L	0.14	Max. 1.0	No Relaxation	IS 3025 : Part 53 : 2003(RA 2014)
	Biological Testing (Water)*	-	-	-	-	-
10	E. coli*	/100ml	Absent	Shall not be detectable in any 100ml	-	IS 15185: 2016

Refn



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TEST REPORT

Ref. No. IL/D- 3269		Date	20.06.20	Lab No.	130620L-ED-024	Page No. 2/2
S.No.	Test Parameter	Units	Results	Requirements		Test Methods
				Acceptable Limit (Max)	Permissible Limit (Max)	
10				sample		
11	Total Coliform Bacteria*	/100ml	Absent	Shall not be detectable in any 100ml sample	—	IS 15185: 2016

Opinion : Parameter(s) marked with * are not covered under our scope of NABL Accreditation.

End of Report


Analyst

For Idma Laboratories Limited


Authorized Signatory

