



Idma Laboratories Limited

(A Government Approved Test House)

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

TEST REPORT

Ref. No. IL/D-10831	Date	14.12.19	Lab No.	091219L-ED-001	Page No.	1/1
Customer	City Emporium Mall Plot No. 143-A Industrial Area, Phase-1 Chandigarh Chandigarh					
Type of Sample	Wastewater (STP INLET)					
Customer's Description of Sample	Wastewater (STP INLET)					
Quantity	5 Ltr.					
Packing, Markings, Seal & Quantity	Plastic Can					
Mode of Collection of Sample	Sampling By Laboratories					
Work Order No.	E-MAIL				Dated	04/12/2019
Date of Receipt of Sample	09/12/2019					
Period of Analysis	09/12/2019 To 13/12/2019					
Sampling Team Idma	Mr. Deepak & Team				Client	Mr. Sachin Arya
Sampling Location	STP Plant					
Visual Observation	N/A					
Date of Sampling	09/12/2019					
Date of Reporting	13/12/2019					
Sampling Protocol	IS: 3025-1987					
Testing Protocol	-					

RESULTS

S.No.	Test Parameter	Units	Results	Test Method
	CHEMICAL TESTING (Waste water)	-	-	-
1	pH	-	6.71	IS 3025 (P-11) 1983 (RA 2017)
2	Chemical Oxygen Demand (COD)	mg/L	360	IS 3025 : Part 58-2006 (RA 2017)
3	Biochemical Oxygen Demand	mg/L	115	IS: 3025 (P-44)-1993 (RA 2014) BOD 3-days at 27 °C
4	Oil & Grease	mg/L	7.2	IS 3025 (P-39) 1991 (RA 2014) Partition Gravimetric Method
5	Total Dissolved Solids (TDS)	mg/L	1703	IS 3025 (P-16) 1984 (RA 2017)
6	Total Suspended Solids (TSS)	mg/L	221	IS 3025 (P-17) 1984 (RA 2017)

Opinion :

End of Report

For Idma Laboratories Limited

Authorized Signatory



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

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TEST REPORT

Ref. No. IL/D-10832	Date 14.12.19	Lab No. 091219L-ED-002	Page No. 1/1
Customer	City Emporium Mall Plot No. 143-A Industrial Area, Phase-1 Chandigarh Chandigarh		
Type of Sample	Wastewater (STP OUTLET)		
Customer's Description of Sample	Wastewater (STP OUTLET)		
Quantity	5 Ltr.		
Packing, Markings	Plastic Can		
Mode of Collection of Sample	Sampling By Laboratories		
Work Order No.	E-MAIL	Dated	04/12/2019
Date of Receipt of Sample	09/12/2019		
Period of Analysis	09/12/2019 To 13/12/2019		
Sampling Team Idma	Mr. Deepak & Team	Client	Mr. Sachin Arya
Sampling Location	STP Plant		
Visual Observation	N/A		
Date of Sampling	09/12/2019		
Date of Reporting	13/12/2019		
Sampling Protocol	IS: 3025-1987		
Testing Protocol	CPCB		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (Waste water)	-	-	-	-
1	pH	-	7.58	Max. 5.5-9.0	IS 3025 (P-11) 1983 (RA 2017)
2	Chemical Oxygen Demand (COD)	mg/L	88	Max. 250	IS 3025 : Part 58-2006 (RA 2017)
3	Biochemical Oxygen Demand	mg/L	21	Max. 30	IS: 3025 (P-44)-1993 (RA 2014) BOD 3-days at 27 °C
4	Oil & Grease	mg/L	3.7	Max. 10	IS 3025 (P-39) 1991 (RA 2014) Partition Gravimetric Method
5	Total Dissolved Solids (TDS)	mg/L	749	-	IS 3025 (P-16) 1984 (RA 2017)
6	Total Suspended Solids (TSS)	mg/L	50	Max. 100	IS 3025 (P-17) 1984 (RA 2017)

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TEST REPORT

Ref. No. IL/D/10833	Date 14.12.19	Lab No. 091219L-ED-003	Page No. 1/1
Customer	City Emporium Mall Plot No. 143-A Industrial Area, Phase-1 Chandigarh Chandigarh		
Type of Sample	Air Quality Monitoring		
Customer's Description of Sample	Air Quality Monitoring		
Quantity	1 No.		
Packing, Markings	Filter Paper Packed in Polythene Pouch		
Mode of Collection of Sample	Sampling By Laboratories		
Work Order No.	E-MAIL	Dated	04/12/2019
Date of Receipt of Sample	09/12/2019		
Period of Analysis	09/12/2019 To 13/12/2019		
Sampling Team Idma	Mr. Deepak & Team	Client	Mr. Sachin Arya
Sampling Location	Main Gate Out Side		
Visual Observation	N/A		
Date of Sampling	09/12/2019		
Date of Reporting	13/12/2019		
Sampling Protocol	IS: 5182		
Testing Protocol	CPCB		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (Ambient air)	-	-	-	-
1	PM 10	µg/m³	78.6	Max. 100	IS:5182(P-23)-2006(RA 2017)
2	PM2.5	µg/m³	41.2	Max. 60	IDL/SP/03, Issue No-1. Issue Date.16.04.16
3	SO2	µg/m³	16.35	Max. 80	IS:5182(P-02)-2001 (RA 2017)
4	NO2	µg/m³	25.08	Max. 80	IS:5182(P-6)-2006(RA 2017)
5	CO	mg/m³	0.36	Max. 02	IS:5182(P-10)-1999 (RA 2014)

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TEST REPORT

Ref. No. IL/D-10834	Date 14.12.19	Lab No. 091219L-ED-004	Page No. 1/1
Customer	City Emporium Mall Plot No. 143-A Industrial Area, Phase-1 Chandigarh Chandigarh		
Type of Sample	Air Quality Monitoring		
Customer's Description of Sample	Air Quality Monitoring		
Quantity	1 No.		
Packing, Markings	Filter Paper Packed in Polythene Pouch		
Mode of Collection of Sample	Sampling By Laboratories		
Work Order No.	E-MAIL	Dated	04/12/2019
Date of Receipt of Sample	09/12/2019		
Period of Analysis	09/12/2019 To 13/12/2019		
Sampling Team Idma	Mr. Deepak & Team	Client	Mr. Sachin Arya
Sampling Location	Main Gate in Side		
Visual Observation	N/A		
Date of Sampling	09/12/2019		
Date of Reporting	13/12/2019		
Sampling Protocol	IS: 5182		
Testing Protocol	CPCB		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (Ambient air)	-	-	-	-
1	PM 10	µg/m ³	65.1	Max. 100	IS:5182(P-23)-2006(RA 2017)
2	PM2.5	µg/m ³	37.4	Max. 60	IDL/SP/03, Issue No-1. Issue Date.16.04.16
3	SO2	µg/m ³	13.62	Max. 80	IS:5182(P-02)-2001 (RA 2017)
4	NO2	µg/m ³	19.16	Max. 80	IS:5182(P-6)-2006(RA 2017)
5	CO	mg/m ³	0.44	Max. 02	IS:5182(P-10)-1999 (RA 2014)

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TEST REPORT

Ref. No. IL/D-10835	Date 14.12.19	Lab No. 091219L-ED-005	Page No. 1/1
Customer	City Emporium Mall 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	1 No.		
Packing, Markings	Thimble Packed in Polythene Pouch		
Mode of Collection of Sample	Sampling By Laboratories		
Work Order No.	E-MAIL	Dated	04/12/2019
Date of Receipt of Sample	09/12/2019		
Period of Analysis	09/12/2019 To 13/12/2019		
Sampling Team Idma	Mr. Deepak & Team	Client	Mr. Sachin Arya
Sampling Location	Stack DG-1, N09D04311, 1010 KVA		
Visual Observation	N/A		
Date of Sampling	09/12/2019		
Date of Reporting	13/12/2019		
Sampling Protocol	IS: 11255		
Testing Protocol	CPCB		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (Stack emission)	-	-	-	-
	GENERAL INFORMATION:	-	-	-	-
1	Stack Height	Meters	30.48	-	-
2	Stack dia	Meters	0.4572	-	-
3	Ambient Temperature	°C	22	-	-
4	Stack Temperature	°C	110	-	-
5	Velocity	m/s	6.9	-	-
6	Type of Fuel	-	HSD	-	-
7	Sampling Flow rate	LPM	18.2	-	-
8	Sampling Time	Minutes	33	-	-
9	Volumetric Flow rate	Nm³/hr	4075	-	-
	PARAMETERS:	-	-	-	-
10	PM	mg /Nm³	62.5	Max. 75	IS:11255(P-1)-1985 (RA 2014)
11	CO	mg /Nm³	72	Max. 150	IS:13270-1992 (RA 2014)
12	NOx	ppmv	119.2	Max. 710	IS: 11255(P-7)-2005(RA 2017)
13	SO2	mg /Nm³	56.5	-	IS: 11255(P-2)-1985 (RA 2014)

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TEST REPORT

Ref. No. IL/D/0836	Date 14/12/19	Lab No. 091219L-ED-006	Page No. 1/1
Customer	City Emporium Mall 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	1 No.		
Packing, Markings	Thimble Packed in Polythene Pouch		
Mode of Collection of Sample	Sampling By Laboratories		
Work Order No.	E-MAIL	Dated	04/12/2019
Date of Receipt of Sample	09/12/2019		
Period of Analysis	09/12/2019 To 13/12/2019		
Sampling Team Idma	Mr. Deepak & Team	Client	Mr. Sachin Arya
Sampling Location	Stack DG-2, N08F15970, 1010 KVA		
Visual Observation	N/A		
Date of Sampling	09/12/2019		
Date of Reporting	13/12/2019		
Sampling Protocol	IS: 11255		
Testing Protocol	CPCB		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (Stack emission)	-	-	-	-
	GENERAL INFORMATIONS:	-	-	-	-
1	Stack Height	Meters	30.48	-	-
2	Stack dia	Meters	0.4572	-	-
3	Ambient Temperature	°C	22	-	-
4	Stack Temperature	°C	162	-	-
5	Velocity	m/s	7.5	-	-
6	Type of Fuel	-	HSD	-	-
7	Sampling Flow rate	LPM	17.5	-	-
8	Sampling Time	Minutes	42	-	-
9	Volumetric Flow rate	Nm ³ /hr	4430	-	-
	PARAMETERS:	-	-	-	-
10	PM	mg /Nm ³	64.2	Max. 75	IS:11255(P-1)-1985 (RA 2014)
11	CO	mg /Nm ³	76.2	Max. 150	IS:13270-1992 (RA 2014)
12	NOx	ppmv	121.1	Max. 710	IS: 11255(P-7)-2005(RA 2017)
13	SO2	mg /Nm ³	55.3	-	IS: 11255(P-2)-1985 (RA 2014)

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TEST REPORT

Ref. No. IL/D-10837	Date 14.12.19	Lab No. 091219L-ED-007	Page No. 1/1
Customer	City Emporium Mall 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	1 No.		
Packing, Markings	Thimble Packed in Polythene Pouch		
Mode of Collection of Sample	Sampling By Laboratories		
Work Order No.	E-MAIL	Dated	04/12/2019
Date of Receipt of Sample	09/12/2019		
Period of Analysis	09/12/2019 To 13/12/2019		
Sampling Team Idma	Mr. Deepak & Team	Client	Mr. Sachin Arya
Sampling Location	Stack DG-3, N08E13371, 500 KVA		
Visual Observation	N/A		
Date of Sampling	09/12/2019		
Date of Reporting	13/12/2019		
Sampling Protocol	IS: 11255		
Testing Protocol	CPCB		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
	CHEMICAL TESTING (Stack emission)	-	-	-	-
	GENERAL INFORMATION:	-	-	-	-
1	Stack Height	Meters	30.48	-	-
2	Stack dia	Meters	0.4572	-	-
3	Ambient Temperature	°C	22	-	-
4	Stack Temperature	°C	108	-	-
5	Velocity	m/s	8.1	-	-
6	Type of Fuel	-	HSD	-	-
7	Sampling Flow rate	LPM	19.5	-	-
8	Sampling Time	Minutes	40	-	-
9	Volumetric Flow rate	Nm ³ /hr	4784	-	-
	PARAMETERS:	-	-	-	-
10	PM	g /kW-hr	0.12	Max. 0.2	IS:11255(P-1)-1985 (RA 2014)
11	CO	g /kW-hr	1.74	Max. 3.5	IS:13270-1992 (RA 2014)
12	NOx	g /kW-hr	2.62	Max. 4.0	IS: 11255(P-7)-2005(RA 2017)
13	SO2	g /kW-hr	1.27	-	IS: 11255(P-2)-1985 (RA 2014)

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TEST REPORT

Ref. No. IL/D-10838	Date 14.12.19	Lab No. 091219L-ED-008	Page No. 1/1
Customer	City Emporium Mall Plot No. 143-A Industrial Area, Phase-1 Chandigarh Chandigarh		
Type of Sample	Noise Level (DG)		
Customer's Description of Sample	Noise Level (DG)		
Quantity	1 No.		
Packing, Markings	Instrumental At Site		
Mode of Collection of Sample	Sampling By Laboratories		
Work Order No.	E-MAIL	Dated	04/12/2019
Date of Receipt of Sample	09/12/2019		
Period of Analysis	09/12/2019 To 10/12/2019		
Sampling Team Idma	Mr. Deepak & Team	Client	Mr. Sachin Arya
Sampling Location	DG Noise-1, N09D04311, 1010 KVA		
Visual Observation	N/A		
Date of Sampling	09/12/2019		
Date of Reporting	10/12/2019		
Sampling Protocol	IS:9989		
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)	73.1	Max. 75.0	IS:7194-1994 R-2005(RA 2014)
2	0.5 m surface acoustic enclosure when door are open	dB (A)	101.8	--	IS:7194-1994 R-2005(RA 2014)
3	0.5 m surface acoustic enclosure when door are Close	dB (A)	76.3	--	IS:7194-1994 R-2005(RA 2014)
4	Insertion Loss	dB (A)	25.5	Min. 25	IS:7194-1994 R-2005(RA 2014)

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TEST REPORT

Ref. No. IL/D-10839	Date 14.12.19	Lab No. 091219L-ED-009	Page No. 1/1
Customer	City Emporium Mall Plot No. 143-A Industrial Area, Phase-1 Chandigarh Chandigarh		
Type of Sample	Noise Level (DG)		
Customer's Description of Sample	Noise Level (DG)		
Quantity	1 No.		
Packing, Markings	Instrumental At Site		
Mode of Collection of Sample	Sampling By Laboratories		
Work Order No.	E-MAIL	Dated	04/12/2019
Date of Receipt of Sample	09/12/2019		
Period of Analysis	09/12/2019 To 10/12/2019		
Sampling Team Idma	Mr. Deepak & Team	Client	Mr. Sachin Arya
Sampling Location	DG Noise-2, N08F15970, 1010 KVA		
Visual Observation	N/A		
Date of Sampling	09/12/2019		
Date of Reporting	10/12/2019		
Sampling Protocol	IS:9989		
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)	102.1	--	IS:7194-1994 R-2005(RA 2014)
3	0.5 m surface acoustic enclosure when door are Close	dB (A)	76.7	--	IS:7194-1994 R-2005(RA 2014)
4	Insertion Loss	dB (A)	25.4	Min. 25	IS:7194-1994 R-2005(RA 2014)

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TEST REPORT

Ref. No. IL/D-10840	Date 14.12.19	Lab No. 091219L-ED-010	Page No. 1/1
Customer	City Emporium Mall Plot No. 143-A Industrial Area, Phase-1 Chandigarh Chandigarh		
Type of Sample	Noise Level (DG)		
Customer's Description of Sample	Noise Level (DG)		
Quantity	1 No.		
Packing, Markings	Instrumental At Site		
Mode of Collection of Sample	Sampling By Laboratories		
Work Order No.	E-MAIL	Dated	04/12/2019
Date of Receipt of Sample	09/12/2019		
Period of Analysis	09/12/2019 To 10/12/2019		
Sampling Team Idma	Mr. Deepak & Team	Client	Mr. Sachin Arya
Sampling Location	DG Noise-3, N08E13371, 500 KVA		
Visual Observation	N/A		
Date of Sampling	09/12/2019		
Date of Reporting	10/12/2019		
Sampling Protocol	IS:9989		
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)	72.1	Max. 75.0	IS:7194-1994 R-2005(RA 2014)
2	0.5 m surface acoustic enclosure when door are open	dB (A)	100.6	--	IS:7194-1994 R-2005(RA 2014)
3	0.5 m surface acoustic enclosure when door are Close	dB (A)	75.1	--	IS:7194-1994 R-2005(RA 2014)
4	Insertion Loss	dB (A)	25.5	Min. 25	IS:7194-1994 R-2005(RA 2014)

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