

TEST REPORT

Sample Number JME/HT/A/01 Report No. JME/A/141028016
 Name & Address of Unit M/s.Hind Terminals Pvt. Ltd. Format No. 5.10 F-02
 Village-Janoli & Baghola
 Palwal (Haryana)

Sample Description AMBIENT AIR QUALITY MONITORING Party Reference No. Nil
 Reporting Date 06/11/2014
 Receipt Date 28/10/2014

General Information

Client Representative (Name & Designation) Mr. Ashish Singhal
 Sample collected by (Name & Designation) Mr. Mahendra Singh Rathore (Field co-ordinator)
 Sampling Location Village -Jaunoli
 Latitude 28°11'10.5"N
 Longitude 77°20'49.1"E
 Instrument used RDS & FPS
 Instrument code JME/RDS/01/11 & JME/FPS/01/07
 Instrument calibration status Calibrated
 Meteorological condition during monitoring Clear sky
 Date of Monitoring 28/10/2014 To 28/10/2014
 Time of Monitoring 10:30 to 18:40 Hrs.
 Actual duration of Monitoring, (minutes) 420.0
 Ambient Temperature (°C) Max. 27.8, Min. 23.3
 Surrounding activity Human and Vehicular Activities
 Scope of Monitoring Regulatory requirement
 Control measure if Any No
 Sampling & Analysis Protocol IS-5182
 Parameter Required PM2.5, PM10, NO2, SO2 & CO

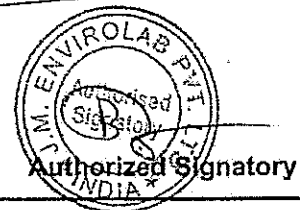
TEST RESULTS

Sl. No	Parameters	Testing Protocol	Result	Unit	NAAQS
1	Particulate Matter (PM2.5)	PM2.5 sampler (Gravimetric)	43.28	µg/m ³	60
2	Particulate Matter (PM10)	IS: 5182 (P-23), 2006	84.98	µg/m ³	100
3	Nitrogen Dioxides (NO2)	IS: 5182 (P-6), 1975 Reaffirmed-1998	26.13	µg/m ³	80
4	Sulphur Dioxide (SO2)	IS: 5182 (P-2), 2001	9.78	µg/m ³	80
5	Carbon Monoxide (CO)	IS: 5182 (P-10), 1999	BDL(DL-0.50)mg/m ³	mg/m ³	4

*NAAQS-National Ambient Air Quality Standards; Schedule-VII,(Rule 3 (3B)) [Part-II sec.-3(f)] 16.11.2009

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TEST REPORT

Sample Number: JME/UTCL/AN/16
 Name & Address of Unit: M/s.Hind Terminals Pvt. Ltd. Village-Janoli & Baghola Palwal (Haryana)
 Report No.: JME/AN/141028016
 Format No.: 5.10 F-04

Party Reference No.: NIL
 Reporting Date: 04/11/2014
 Receipt Date: 28/10/2014

Sample Description: AMBIENT NOISE LEVEL MONITORING

General Information

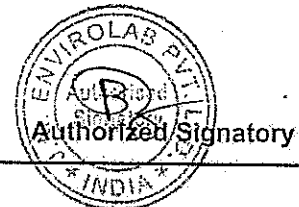
Client Representative (Name & Designation): Mr. Ashish Singh
 Sample collected by (Name & Designation): Mr. Kushal Sharma (Analyst)
 Sampling Location: Village- Janoli
 Latitude: 28°11'13.4"N
 Longitude: 77°21'05.1"E
 Date of Monitoring: 28/10/2014 To 29/10/2014
 Time of Monitoring: 06:00 to 06:00 Hrs.
 Instrument used: Sound Level Meter
 Instrument code: JME/SLM/01/02
 Instrument calibration status: Calibrated
 Meteorological condition during monitoring: Clear Sky
 Ambient Temperature (°C): Max. 36.8°C Min. 22.9°C
 Surrounding activity: Human & Vehicular Activities
 Scope of Monitoring: Regulatory Requirement
 Control measure if Any: No
 Sampling & Analysis Protocol: CPCB GuideLines & IS-9989
 Sampling Duration: 24 Hrs.
 Parameter Required: Lmax,Lmin,Leq

TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Test Result dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1	Lmax	CPCB GuideLines / IS-9989	65.20	48.20	dB(A)
2	Lmin	CPCB GuideLines / IS-9989	39.10	37.40	dB(A)
3	Leq	CPCB GuideLines / IS-9989	52.10	41.25	dB(A)
4	CPCB Limits in dB(A) Leq (Residential area)	-	55.00	45.00	dB(A)

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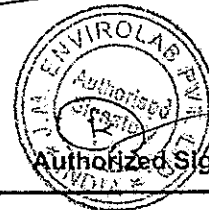
Sample Number	JME/HT/W/01	Report No.	JME/W/141028005
Name & Address of Unit	M/s.Hind Terminals Pvt. Ltd. Village-Janoli & Baghola Palwal (Haryana)	Format No.	5.10 F-01
Sample Description	WATER (Borewell)	Party Reference No.	Nil
Sampling Location	Village- Jaunoli	Reporting Date	06/11/2014
Client Representative (Name & Designation)	Mr. Ashish Singhal	Receipt Date	28/10/2014
Sample collected by (Name & Designation)	Mr. Kushal Sharma (Analyst)	Sampling Date	28/10/2014
Latitude	28° 11' 10.2" N	Sampling Type	Grab
Longitude	077° 20' 58.2" E	Preservation	Refrigerated
Sampling & Analysis Protocol	IS-10500-2012, APHA 22nd Edition 2012	Sample Quantity	2 Ltr.+200ml
		Parameter Required	As per Work order

TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Limits of IS: 10500-2012	
					Desirable Limit (Max)	Permissible Limit in the Absence of Alternate Source (Max)
1	pH (at 25 °C)	APHA 22nd Edition, 4500-H+ B	7.58	-	6.5-8.5	No Relaxation
2	Colour	APHA 22nd Edition, 2120 B	BDL (DL 5.0 Hazen)	Hazen Unit	5	15
3	Turbidity	APHA 22nd Edition, 2130(B)	BDL (DL 1.0 NTU)	NTU	1	5
4	Odour	APHA 22nd Edition, 2150	Agreeable	-	Agreeable	Agreeable
5	Taste	APHA 22nd Edition, 2160	Agreeable	-	Agreeable	Agreeable
6	Total Hardness as CaCO ₃	APHA 22nd Edition, 2340 C	168.56	mg/l	200	600
7	Calcium as Ca	APHA 22nd Edition, 3500Ca B	23.57	mg/l	75	200
8	Alkalinity as CaCO ₃ ,	APHA 22nd Edition, 2320 B	490.00	mg/l	200	600
9	Chloride as Cl	APHA 22nd Edition, 4500Cl-B	201.94	mg/l	250	1000
10	Residual free Chlorine	APHA 22nd Edition, 3500 Cl- B	BDL (DL 0.20 mg/l)	mg/l	0.2	1.0
11	Cyanide as CN	APHA 22nd Edition, 4500CN-CD	BDL (DL 0.02 mg/l)	mg/l	0.05	No Relaxation

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TEST REPORT

Sample Number

JME/HT/W/01

Report No.

JME/W/141028005

TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Limits of IS: 10500-2012	
					Desirable Limit (Max)	Permissible Limit in the Absence of Alternate Source (Max)
12	Magnesium as Mg	APHA 22nd Edition, 2340 B	26.67	mg/l	30	100
13	Total Dissolved Solids	APHA 22nd Edition, 2540 C	948.0	mg/l	500	2000
14	Sulphate as SO ₄	APHA 22nd Edition, 4500 E	161.20	mg/l	200	400
15	Fluoride as F	APHA 22nd Edition, 4500-F- D	1.02	mg/l	1.0	1.5
16	Nitrate as NO ₃ -N	IS 3025 (P-34) 1988	1.51	mg/l	45	No Relaxation
17	Iron as Fe	APHA 22nd Edition, 3500-Fe B	0.31	mg/l	0.3	No Relaxation
18	Aluminium as Al	APHA 22nd Edition, 3111 B	BDL (DL 0.03 mg/l)	mg/l	0.03	0.2
19	Boron	APHA 22nd Edition, 4500B C	0.41	mg/l	0.50	1.0
20	Phenolic Compounds	APHA 22nd Edition, 5530 C- Photometric method 5530D	BDL (DL 0.001 mg/l)	mg/l	0.001	0.002
21	Anionic Detergents as MBAS	APHA 22nd Edition, 5540-C	BDL (DL 0.02 mg/l)	mg/l	0.2	1.0
22	Hexa Chromium as Cr+6	APHA 22nd Edition, 3111 B	BDL (DL 0.03 mg/l)	mg/l	-	-
23	Zinc as Zn	APHA 22nd Edition, 3111 B	0.20	mg/l	5	15
24	Copper as Cu	APHA 22nd Edition, 3111 B	BDL (DL 0.02 mg/l)	mg/l	0.05	1.5
25	Manganese as Mn	APHA 22nd Edition, 3111 B	BDL (DL 0.10 mg/l)	mg/l	0.1	0.3
26	Cadmium as Cd	APHA 22nd Edition, 3111 B	BDL (DL 0.0005 mg/l)	mg/l	0.003	No Relaxation
27	Lead as Pb	APHA 22nd Edition, 3111 B	BDL (DL 0.008 mg/l)	mg/l	0.01	No Relaxation
28	Selenium as Se	APHA 22nd Edition, 3111 B	BDL (DL 0.001 mg/l)	mg/l	0.01	No Relaxation
29	Arsenic as As	APHA 22nd Edition, 3111 B	BDL (DL 0.0005 mg/l)	mg/l	0.01	0.05
30	Mercury as Hg	APHA 22nd Edition, 3111 B	BDL (DL 0.001 mg/l)	mg/l	0.001	No Relaxation
31	Total Coliform	IS 1622, 1981 (Reaffirmed 2003)	Absent	CFU/100 ml	Absent	Absent

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JME/HT/W/01

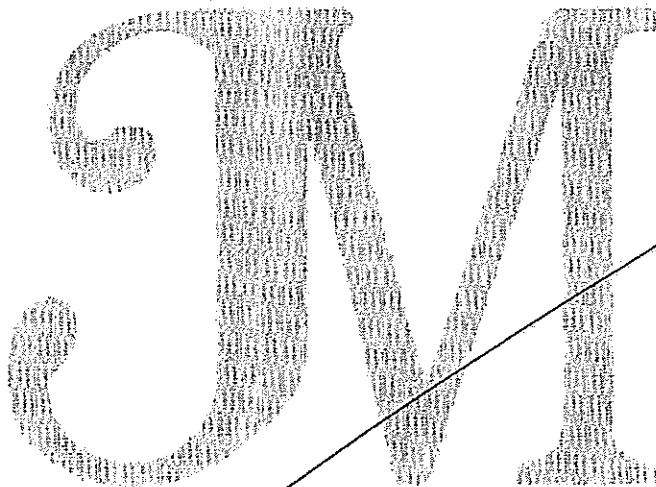
Report No.

JME/W/141028005

TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Limits of IS: 10500-2012	
					Desirable Limit (Max)	Permissible Limit in the Absence of Alternate Source (Max)
32	E-Coli	IS 1622,1981 (Reaffirmed 2003)	Absent	CFU/100ml	Absent	Absent

Note: - *BDL-Below Detection Limit, *DL- Detection Limit, *ND- Not Detectable



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TEST REPORT

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 Name & Address of Unit M/s.Hind Terminals Pvt. Ltd. Format No. 5.10 F-05
 Village-Janoli & Baghola
 Palwal (Haryana)

Sample Description SOIL Party Reference No. Nil
 Sampling Location Village- Janoli Reporting Date 06/11/2014
 Client Representative Mr. Ashish Singhal Receipt Date 28/10/2014
 (Name & Designation) Sample collected by Mr. Kushal Sharma (Analyst) Sampling Date 28/10/2014
 (Name & Designation) Sampling Type Composite
 Latitude 28° 11' 24.1" N Sample Quantity 2.0 kg
 Longitude 77° 21' 0.6" E Depth of Sampling 30 cm
 Sampling & Analysis Protocol IS-2720,USDA,Method Manual of Soil Testing in Ind. Packing Status Temp. sealed

TEST RESULTS

Sl. No	Parameters	Testing Protocol	Result	Unit
1	pH (at 25 °C)(1:2.5 soil water sus.)	IS : 2720 (P-26,1987)	7.24	-
2	Conductivity(1:2soil water sus.)	IS:14767,2000	0.272	mS/cm
3	Soil Texture	USDA :1954 Reaffirmed 2010	Sandy Loam	-
4	Colour	USDA :1954 Reaffirmed 2010	Yellowish Brown	-
5	Water holding capacity	USDA :1954 Reaffirmed 2010	42.95	%
6	Bulk density	USDA :1954 Reaffirmed 2010 (Page-121)	1.37	gm/cc
7	Chloride	USDA :1954 Reaffirmed 2010(Page-133)	337.34	mg/kg
8	Exchangable Calcium as Ca	Method manual of soil Testing in india,(Dept. of Ag.,& Co.Ministry of Ag.Govt.of Ind.)2011,4.6.3(16a	121.44	mg/kg
9	Exchangable Sodium as Na	USDA :1954 Reaffirmed 2010(Page-96)	92.71	mg/kg
10	Available Potassium as K	Method manual of soil Testing in india,(Dept. of Ag.,& Co.Ministry of Ag.Govt.of Ind.)2011,4.6.3(14)	374.68	kg. /hec.
11	Organic Matter	IS:2720 (P-22, 1972) 2001	0.63	%
12	Exchangable Magnesium as Mg	Method manual of soil Testing in india,(Dept. of Ag.,& Co.Ministry of Ag.Govt.of Ind.)2011,4.6.3(16b	68.78	mg/kg
13	Nitrogen as N	IS:14684, 1999	216.28	kg. /hec.
14	Available Phosphorus	Method manual of soil Testing in india,(Dept. of Ag.,& Co.Ministry of	46.28	kg. /hec.

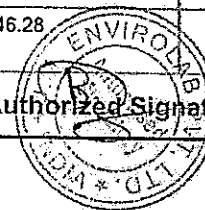
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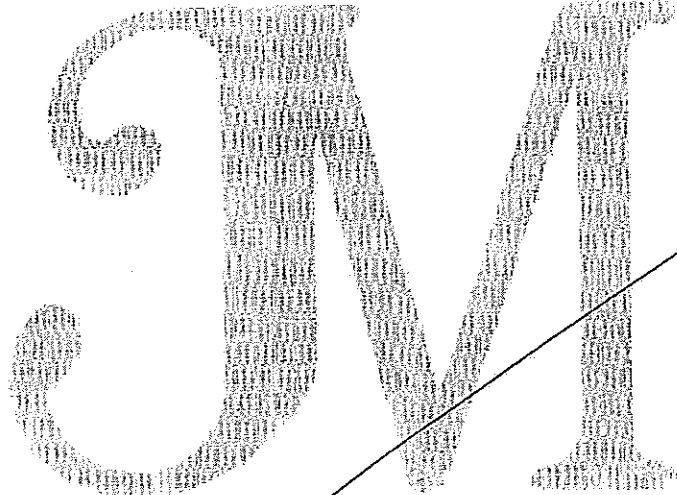
JME/HT/S/01

Report No.

JME/S/141028012

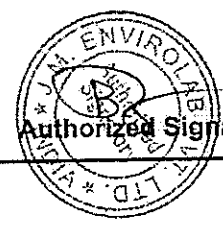
TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit
14		Ag.Govt.of Ind.)2011,4.6.3(13)		
15	Total Zinc as Zn	JMELPL/STOP/02(37)	35.82	mg/kg
16	Manganese as Mn	JMELPL/STOP/02(37)	241.69	mg/kg
17	Chromium as Cr	JMELPL/STOP/02(37)	3.44	mg/kg
18	Total Lead as Pb	JMELPL/STOP/02(37)	7.14	mg/kg
19	Total Cadmium as Cd	JMELPL/STOP/02(37)	1.91	mg/kg
20	Total Copper as Cu	JMELPL/STOP/02(37)	25.89	mg/kg



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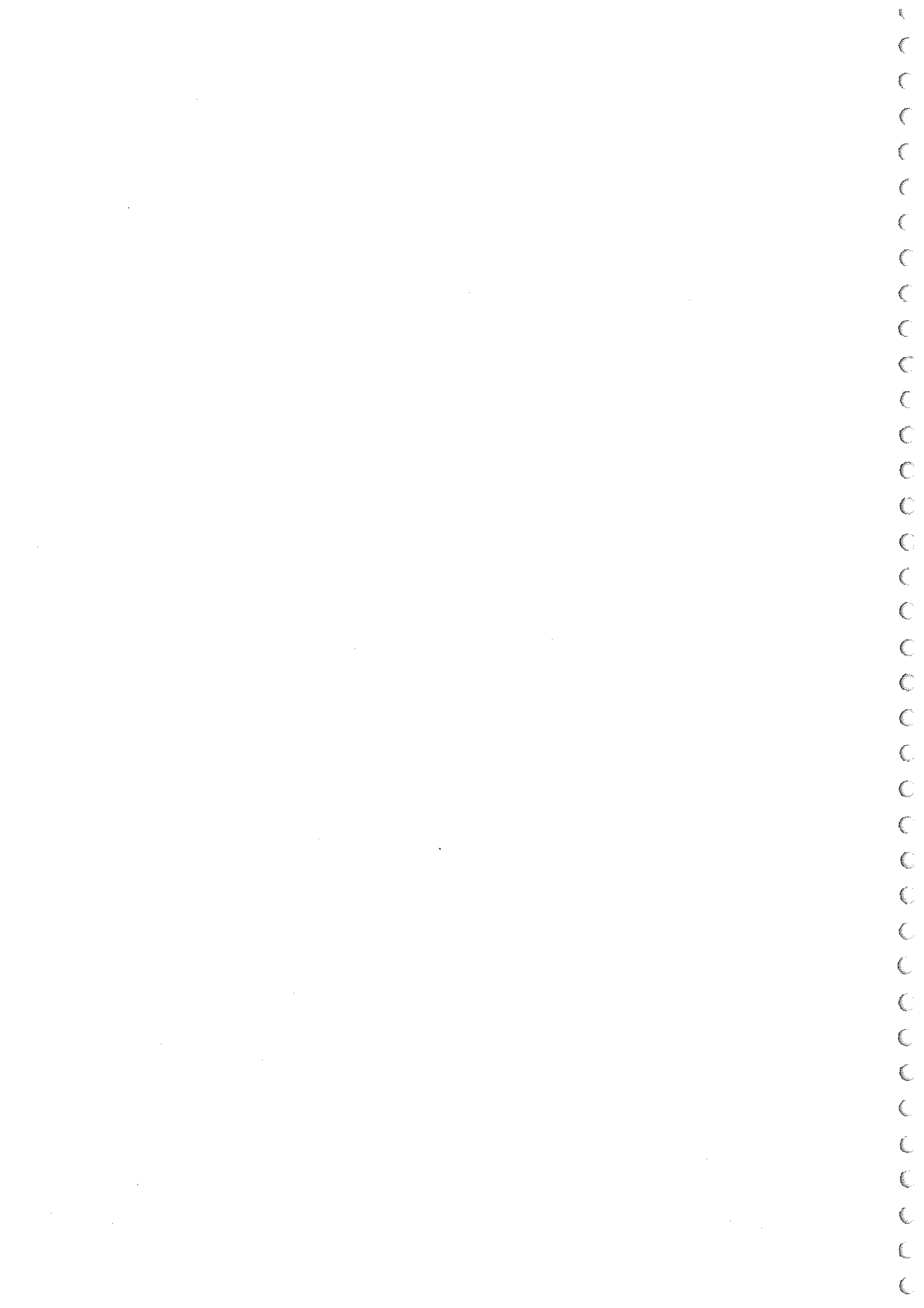
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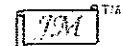


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 SCO-16, Sector-10A, Gurgaon-122 001 (Haryana) INDIA • TEL.: +91-124-4873400 • FAX: +91-124-4141029
 E-mail: jmenvirolab@hotmail.com • Website : www.jmenvirolab.com

TEST REPORT

Sample Number	JME/HT/A/001	Report No.	JME/A/141122001
Name & Address of Unit	M/s.Hind Terminals Pvt. Ltd. Village-Janoli & Baghola Palwal (Haryana)	Format No.	5.10 F-02
		Party Reference No.	Nil
		Reporting Date	28/11/2014
		Receipt Date	22/11/2014

Sample Description **AMBIENT AIR QUALITY MONITORING**

General Information

Client Representative (Name & Designation)	Mr. Ashish Singhal
Sample collected by (Name & Designation)	Mr. Dinesh Palsaniya (Analyst)
Sampling Location	Village - Janoli
Latitude	28°11'10.4" N
Longitude	77°20'19.5"E
Instrument used	RDS & FPS
Instrument code	JME/RDS/01/11 & JME/FPS/01/06
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear sky
Date of Monitoring	21/11/2014 To 21/11/2014
Time of Monitoring	10:50 Hrs to 18:05 Hrs
Actual duration of Monitoring, (minutes)	406.0
Ambient Temperature (°C)	Max. 27 °C & Min. 22 °C
Surrounding activity	Anthropogenic activities
Scope of Monitoring	Regulatory requirement
Control measure if Any	--
Sampling & Analysis Protocol	IS-5182
Parameter Required	PM2.5, PM10, NO2, SO2, CO

TEST REPORTS

Sl. No.	Parameters	Protocol	Result	Unit	NAAQS
1	Particulate Matter (PM2.5)	PM2.5 sampler (Gravimetric)	40.23	µg/m3	60
2	Particulate Matter (PM10)	IS: 5182 (P-23), 2006	79.86	µg/m3	100
3	Nitrogen Dioxides (NO2)	IS: 5182 (P-6), 1975 Reaffirmed-1998	24.65	µg/m3	80
4	Sulphur Dioxide (SO2)	IS: 5182 (P-2), 2001	8.45	µg/m3	80
5	Carbon Monoxide (CO)	IS: 5182 (P-10), 1999	BDL(DL-0.50)mg/m3	mg/m3	4

*NAAQS-National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)] [Part-II sec.-3(i)] 16.11.2009

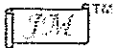
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E-mail: jmenvirolab@hotmail.com • Website: www.jmenvirolab.com

TEST REPORT

Sample Number	JME/HTPLJAN/01	Report No.	JME/AN/141122001
Name & Address of Unit	M/s.Hind Terminals Pvt. Ltd. Village-Janoli & Baghola Palwal (Haryana)	Format No.	5.10 F-04
		Party Reference No.	NIL
		Reporting Date	28/11/2014
		Receipt Date	22/11/2014

Sample Description AMBIENT NOISE LEVEL MONITORING

General Information

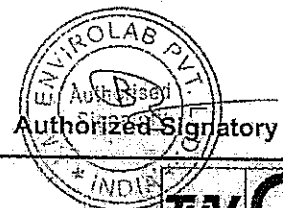
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Sample collected by (Name & Designation)	Mr. Dinesh Palsania (Analyst)
Sampling Location	Village- Janoli
Latitude	28°11'10.4"N
Longitude	77°20'19.5"E
Date of Monitoring	21/11/2014 To 22/11/2014
Time of Monitoring	06:00 to 06:00 Hrs.
Instrument used	Sound Level Meter
Instrument code	JME/SLM/01/06
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Ambient Temperature (°C)	Max. 31.6°C Min. 17.2°C
Surrounding activity	Human & Vehicular Activities
Scope of Monitoring	Regulatory Requirement
Control measure if Any	-
Sampling & Analysis Protocol	CPCB GuideLines & IS-9989
Sampling Duration	24 Hrs.
Parameter Required	Lmax, Lmin, Leq

TEST REPORTS

Sl. No.	Parameters	Protocol	Test Result dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1	Lmax	CPCB GuideLines / IS-9989	66.40	48.20	dB(A)
2	Lmin	CPCB GuideLines / IS-9989	38.10	35.20	dB(A)
3	Leq	CPCB GuideLines / IS-9989	50.46	39.42	dB(A)
4	CPCB Limits in dB(A) Leq (Residential area)	--	55.00	45.00	dB(A)

AB
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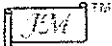
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SCO-16, Sector-10A, Gurgaon-122 001 (Haryana) INDIA • TEL.: +91-124-4873400 • FAX: +91-124-4141029

E-mail: jmenvirolab@hotmail.com • Website: www.jmenvirolab.com

TEST REPORT

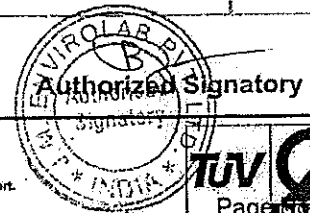
Sample Number	JME/HT/S/01	Report No.	JME/S/141122001
Name & Address of Unit	M/s.Hind Terminals Pvt. Ltd. Village-Janoli & Baghola Palwal (Haryana)	Format No.	5.10 F-05
		Party Reference No.	Nil
Sample Description	SOIL	Reporting Date	28/11/2014
Sampling Location	Village- Janoli	Receipt Date	22/11/2014
Client Representative (Name & Designation)	Mr. Ashish Singhal	Sampling Date	21/11/2014
Sample collected by (Name & Designation)	Mr. L.P Singh (Field Co-ordinator)	Sampling Type	Composite
Latitude	28° 11' 24.1" N	Preservation	---
Longitude	77° 21' 0.6" E	Sample Quantity	2.0 kg
Sampling & Analysis Protocol	IS-2720, USDA, Method Manual of Soil Testing in Ind.	Depth of Sampling	30 cm
		Packing Status	Temp. sealed

TEST REPORTS

Sl. No.	Parameters	Protocol	Result	Unit
1	pH (at 25 OC)(1:2.5 soil water sus.)	IS : 2720 (P-26,1987)	7.26	-
2	Conductivity(1:2soil water sus.)	IS:14767,2000	0.28	mS/cm
3	Soil Texture	USDA :1954 Reaffirmed 2010	Sandy Loam	-
4	Colour	USDA :1954 Reaffirmed 2010	Yellowish Brown	-
5	Water holding capacity	USDA :1954 Reaffirmed 2010	43.12	%
6	Bulk density	USDA :1954 Reaffirmed 2010 (Page-121)	1.36	gm/cc
7	Chloride	USDA :1954 Reaffirmed 2010(Page-133)	345.12	mg/kg
8	Exchangable Calcium as Ca	Method manual of soil Testing in india,(Dept. of Ag.,& Co.Ministry of Ag.Govt.of Ind.)2011,4.6.3(16a)	124.56	mg/kg
9	Exchangable Sodium as Na	USDA :1954 Reaffirmed 2010(Page-96)	98.12	mg/kg
10	Available Potassium as K	Method manual of soil Testing in india,(Dept. of Ag.,& Co.Ministry of Ag.Govt.of Ind.)2011,4.6.3(14)	381.21	kg./hec.
11	Organic Matter	IS:2720 (P-22, 1972) 2001	0.68	%
12	Exchangable Magnesium as Mg	Method manual of soil Testing in india,(Dept. of Ag.,& Co.Ministry of Ag.Govt.of Ind.)2011,4.6.3(16b)	74.10	mg/kg
13	Nitrogen as N	IS:14684, 1999	221.43	kg./hec.
14	Available Phosphorus	Method manual of soil Testing in india,(Dept. of Ag.,& Co.Ministry of	42.68	kg./hec.

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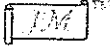
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TEST REPORT

Sample Number

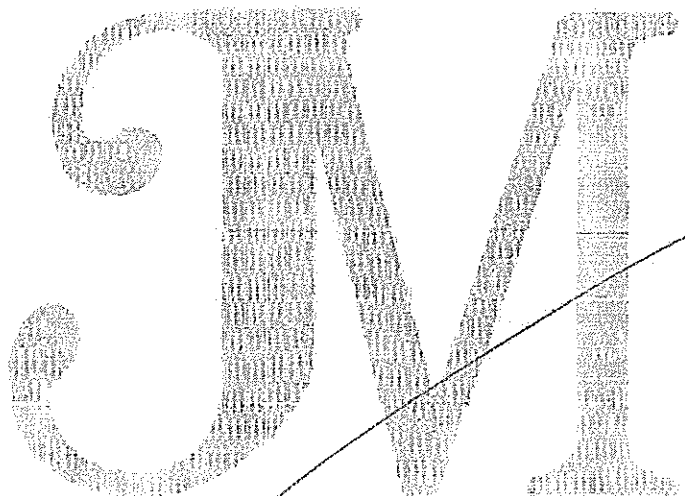
JME/HT/S/01

Report No.

JME/S/141122001

TEST REPORTS

Sl. No.	Parameters	Protocol	Result	Unit
14		Ag.Govt.of Ind.)2011,4.6.3(13)		
15	Total Zinc as Zn	JMELPL/STOP/02(37)	36.98	mg/kg
16	Manganese as Mn	JMELPL/STOP/02(37)	246.56	mg/kg
17	Chromium as Cr	JMELPL/STOP/02(37)	3.76	mg/kg
18	Total Lead as Pb	JMELPL/STOP/02(37)	7.92	mg/kg
19	Total Cadmium as Cd	JMELPL/STOP/02(37)	1.87	mg/kg
20	Total Copper as Cu	JMELPL/STOP/02(37)	27.10	mg/kg



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Tested by

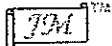
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TEST REPORT

Sample Number JME/HTPLW/01
 Name & Address of Unit M/s.Hind Terminals Pvt. Ltd.
 Village-Janoli & Baghola
 Palwal (Haryana)

Report No. JME/W/141122001
 Format No. 5.10 F-01
 Party Reference No. Nil

Sample Description WATER ((Handpump Water))

Reporting Date 28/11/2014
 Receipt Date 22/11/2014

Sampling Location Village- Janoli

Sampling Date 21/11/2014
 Sampling Type Grab

Client Representative (Name & Designation) Mr. Ashish Singhal

Preservation Refrigerated

Sample collected by (Name & Designation) Mr. Kushal Sharma(Analyst)

Sample Quantity 2.0 Ltr.

Parameter Required As per work order

Latitude 28° 11' 15.6" N

Longitude 77° 20' 70.7" E

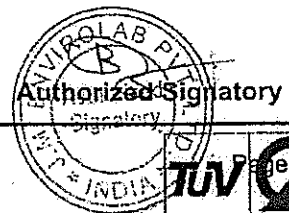
Sampling & Analysis Protocol IS-10500-2012, APHA 22nd Edition 2012

TEST REPORTS

Sl. No.	Parameters	Protocol	Result	Unit	Limits of IS: 10500-2012	
					Desirable Limit (Max)	Permissible Limit in the Absence of Alternate Source (Max)
1	pH (at 25 °C)	APHA 22nd Edition, 4500-H+ B	7.45	-	6.5-8.5	No Relaxation
2	Colour	APHA 22nd Edition, 2120 B	BDL (DL 5.0 Hazen)	Hazen Unit	5	15
3	Turbidity	APHA 22nd Edition, 2130(B)	BDL (DL 1.0 NTU)	NTU	1	5
4	Odour	APHA 22nd Edition, 2150	Agreeable	-	Agreeable	Agreeable
5	Taste	APHA 22nd Edition, 2160	Agreeable	-	Agreeable	Agreeable
6	Total Hardness as CaCO3	APHA 22nd Edition, 2340 C	173.8	mg/l	200	600
7	Calcium as Ca	APHA 22nd Edition, 3500Ca B	21.26	mg/l	75	200
8	Alkalinity as CaCO3,	APHA 22nd Edition, 2320 B	542.5	mg/l	200	600
9	Chloride as Cl	APHA 22nd Edition, 4500Cl-B	215.2	mg/l	250	1000
10	Residual free Chlorine	APHA 22nd Edition, 3500 Cl- B	BDL(DL 0.20 mg/l)	mg/l	0.2	1.0
11	Cyanide as CN	APHA 22nd Edition, 4500CN-CD	BDL (DL 0.02 mg/l)	mg/l	0.05	No Relaxation
12	Magnesium as Mg	APHA 22nd Edition, 2340 B	29.34	mg/l	30	100
13	Total Dissolved Solids	APHA 22nd Edition, 2540 C	962.0	mg/l	500	2000
14	Sulphate as SO4	APHA 22nd Edition, 4500 E	145.5	mg/l	200	400

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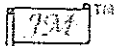
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TEST REPORT

Sample Number

JME/HTPLW/01

Report No.

JME/W/141122001

TEST REPORTS

Sl. No.	Parameters	Protocol	Result	Unit	Limits of IS: 10500-2012	
					Desirable Limit (Max)	Permissible Limit in the Absence of Alternate Source (Max)
15	Fluoride as F	APHA 22nd Edition, 4500-F- D	1.11	mg/l	1.0	1.5
16	Nitrate as NO ₃ -N	IS 3025 (P-34) 1988	1.85	mg/l	45	No Relaxation
17	Iron as Fe	APHA 22nd Edition, 3500-Fe B	0.33	mg/l	0.3	No Relaxation
18	Aluminium as Al	APHA 22nd Edition, 3111 B	BDL(DL 0.03 mg/l)	mg/l	0.03	0.2
19	Boron	APHA 22nd Edition, 4500B C	0.44	mg/l	0.50	1.0
20	Phenolic Compounds	APHA 22nd Edition, 5530 C Photometric method 5530D	BDL(DL 0.001 mg/l)	mg/l	0.001	0.002
21	Anionic Detergents as MBAS	APHA 22nd Edition, 5540-C	BDL(DL 0.02 mg/l)	mg/l	0.2	1.0
22	Hexa Chromium as Cr+6	APHA 22nd Edition, 3111 B	BDL(DL 0.03 mg/l)	mg/l	-	-
23	Zinc as Zn	APHA 22nd Edition, 3111 B	0.22	mg/l	5	15
24	Copper as Cu	APHA 22nd Edition, 3111 B	BDL(DL 0.02 mg/l)	mg/l	0.05	1.5
25	Manganese as Mn	APHA 22nd Edition, 3111 B	BDL(DL 0.10 mg/l)	mg/l	0.1	0.3
26	Cadmium as Cd	APHA 22nd Edition, 3111 B	BDL (DL 0.0005 mg/l)	mg/l	0.003	No Relaxation
27	Lead as Pb	APHA 22nd Edition, 3111 B	BDL (DL 0.008 mg/l)	mg/l	0.01	No Relaxation
28	Selenium as Se	APHA 22nd Edition, 3111 B	BDL (DL 0.001 mg/l)	mg/l	0.01	No Relaxation
29	Arsenic as As	APHA 22nd Edition, 3111 B	BDL (DL 0.0005 mg/l)	mg/l	0.01	0.05
30	Mercury as Hg	APHA 22nd Edition, 3111 B	BDL (DL 0.001 mg/l)	mg/l	0.001	No Relaxation
31	Total Coliform	IS 1622,1981 (Reaffirmed 2003)	Absent	CFU/100 ml	Absent	Absent
32	E-Coli	IS 1622,1981 (Reaffirmed 2003)	Absent	CFU/100ml	Absent	Absent

Note: - *BDL-Below Detection Limit, *DL- Detection Limit, *ND- Not Detectable

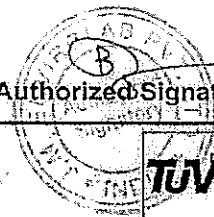
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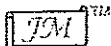
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TEST REPORT

Sample Number	JME/HT/AJ01	Report No.	JME/A/141213009
Name & Address of Unit	M/s.Hind Terminals Pvt. Ltd. Village-Janoli & Baghola Palwal (Haryana)	Format No.	5.10 F-02
		Party Reference No.	Nil
		Reporting Date	18/12/2014
		Receipt Date	13/12/2014

Sample Description AMBIENT AIR QUALITY MONITORING

General Information

Client Representative (Name & Designation)	Mr. Ashish Singhal
Sample collected by (Name & Designation)	Mr. Sageer Ahmed (Manager)
Sampling Location	Village -Janoli
Latitude	28°11'10.5"N
Longitude	77°20'49.1"E
Instrument used	RDS & FPS
Instrument code	JME/RDS/01/10 & JME/FPS/01/06
Instrument calibration status	Callibrated
Meteorological condition during monitoring	Clear sky
Date of Monitoring	12/12/2014 To 12/12/2014
Time of Monitoring	11:30 to 19:20 Hrs.
Actual duration of Monitoring, (minutes)	438.6
Ambient Temperature (°C)	Max. 26.8, Min. 14.2
Surrounding activity	Human and Vehicular Activities
Scope of Monitoring	Regulatory requirement
Control measure if Any	No
Sampling & Analysis Protocol	IS-5182
Parameter Required	PM2.5, PM10, NO2, SO2 & CO

TEST REPORTS

Sl. No.	Parameters	Protocol	Result	Unit	NAAQS
1	Particulate Matter (PM2.5)	PM2.5 sampler (Gravimetric)	44.76	µg/m ³	60
2	Particulate Matter (PM10)	IS: 5182 (P-23), 2006	86.23	µg/m ³	100
3	Nitrogen Dioxides (NO2)	IS: 5182 (P-6), 1975 Reffirmed-1998	27.81	µg/m ³	80
4	Sulphur Dioxide (SO2)	IS: 5182 (P-2), 2001	10.01	µg/m ³	80
5	Carbon Monoxide (CO)	IS: 5182 (P-10), 1999	BDL(DL-0.50)mg/m ³	mg/m ³	4

*NAAQS-National Ambient Air Quality Standards; Schedule-VII,[Rule 3 (3B)] [Part-II sec-3(i)] 16.11.2009

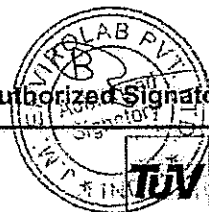
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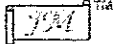
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TEST REPORT

Sample Number	JME/UTCL/AN/09	Report No.	JME/AN/141213009
Name & Address of Unit	M/s.Hind Terminals Pvt. Ltd. Village-Janoli & Baghola Palwal (Haryana)	Format No.	5.10 F-04
		Party Reference No.	NIL
		Reporting Date	28/11/2014
		Receipt Date	13/12/2014

Sample Description **AMBIENT NOISE LEVEL MONITORING**

General Information

Client Representative (Name & Designation)	Mr. Ashish Singh
Sample collected by (Name & Designation)	Mr. Sageer Ahmed (Manager)
Sampling Location	Village- Janoli
Latitude	28°11'13.4"N
Longitude	77°21'05.1"E
Date of Monitoring	28/10/2014 To 29/10/2014
Time of Monitoring	06:00 to 06:00 Hrs.
Instrument used	Sound Level Meter
Instrument code	JME/SLM/01/01
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Ambient Temperature (°C)	Max. 26.6°C Min. 14.2°C
Surrounding activity	Human & Vehicular Activities
Scope of Monitoring	Regulatory Requirement
Control measure if Any	No
Sampling & Analysis Protocol	CPCB GuideLines & IS-9989
Sampling Duration	24 Hrs.
Parameter Required	Lmax,Lmin,Leq

TEST REPORTS

Sl. No.	Parameters	Protocol	Test Result dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1	Lmax	CPCB GuideLines / IS-9989	68.65	51.40	dB(A)
2	Lmin	CPCB GuideLines / IS-9989	44.12	37.30	dB(A)
3	Leq	CPCB GuideLines / IS-9989	52.67	41.60	dB(A)
4	CPCB Limits in dB(A) Leq (Residential area)	-	55.00	45.00	dB(A)

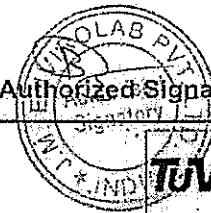
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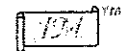
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TEST REPORT

Sample Number	JME/HTPL/W/01	Report No.	JME/W/141213001
Name & Address of Unit	M/s.Hind Terminals Pvt. Ltd. Village-Janoli & Baghola Palwal (Haryana)	Format No.	5.10 F-01
		Party Reference No.	Nil
Sample Description	WATER ((Handpump Water))	Reporting Date	18/12/2014
		Receipt Date	13/12/2014
Sampling Location	Village- Janoli	Sampling Date	12/12/2014
Client Representative (Name & Designation)	Mr. Ashish Singhal	Sampling Type	Grab
Sample collected by (Name & Designation)	Mr. Sageer Ahmed (Manager)	Preservation	Refrigerated
Latitude	28° 11' 15.6" N	Sample Quantity	2.0 Ltr.
Longitude	77° 20' 70.7" E	Parameter Required	As per work order
Sampling & Analysis Protocol	IS-10500-2012, APHA 22nd Edition 2012		

TEST REPORTS

Sl. No.	Parameters	Protocol	Result	Unit	Limits of IS: 10500-2012	
					Desirable Limit (Max)	Permissible Limit in the Absence of Alternate Source (Max)
1	pH (at 25 °C)	APHA 22nd Edition, 4500-H+ B	7.83	-	6.5-8.5	No Relaxation
2	Colour	APHA 22nd Edition, 2120 B	BDL (DL 5.0 Hazen)	Hazen Unit	5	15
3	Turbidity	APHA 22nd Edition, 2130(B)	BDL (DL 1.0 NTU)	NTU	1	5
4	Odour	APHA 22nd Edition, 2150	Agreeable	-	Agreeable	Agreeable
5	Taste	APHA 22nd Edition, 2160	Agreeable	-	Agreeable	Agreeable
6	Total Hardness as CaCO ₃	APHA 22nd Edition, 2340 C	159.12	mg/l	200	600
7	Calcium as Ca	APHA 22nd Edition, 3500Ca B	17.99	mg/l	75	200
8	Alkalinity as CaCO ₃ ,	APHA 22nd Edition, 2320 B	561.2	mg/l	200	600
9	Chloride as Cl	APHA 22nd Edition, 4500Cl-B	214.40	mg/l	250	1000
10	Residual free Chlorine	APHA 22nd Edition, 3500 Cl- B	BDL (DL 0.20 mg/l)	mg/l	0.2	1.0
11	Cyanide as CN	APHA 22nd Edition, 4500CN-CD	BDL (DL 0.02 mg/l)	mg/l	0.05	No Relaxation
12	Magnesium as Mg	APHA 22nd Edition, 2340 B	27.76	mg/l	30	100
13	Total Dissolved Solids	APHA 22nd Edition, 2540 C	970.0	mg/l	500	2000
14	Sulphate as SO ₄	APHA 22nd Edition, 4500 E	130.2	mg/l	200	400

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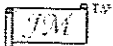
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TEST REPORT

Sample Number

JME/HTPL/W/01

Report No.

JME/W/141213001

TEST REPORTS

Sl. No.	Parameters	Protocol	Result	Unit	Limits of IS: 10500-2012	
					Desirable Limit (Max)	Permissible Limit in the Absence of Alternate Source (Max)
15	Fluoride as F	APHA 22nd Edition, 4500-F- D	1.18	mg/l	1.0	1.5
16	Nitrate as NO3-N	IS 3025 (P-34) 1988	1.27	mg/l	45	No Relaxation
17	Iron as Fe	APHA 22nd Edition, 3500-Fe B	0.26	mg/l	0.3	No Relaxation
18	Aluminium as Al	APHA 22nd Edition, 3111 B	BDL(DL 0.03 mg/l)	mg/l	0.03	0.2
19	Boron	APHA 22nd Edition, 4500B-C	0.30	mg/l	0.50	1.0
20	Phenolic Compounds	APHA 22nd Edition, 5530-C Photometric method 5530D	BDL(DL 0.001 mg/l)	mg/l	0.001	0.002
21	Anionic Detergents as MBAS	APHA 22nd Edition, 5540-C	BDL(DL 0.02 mg/l)	mg/l	0.2	1.0
22	Hexa Chromium as Cr+6	APHA 22nd Edition, 3111 B	BDL(DL 0.03 mg/l)	mg/l	-	-
23	Zinc as Zn	APHA 22nd Edition, 3111 B	0.18	mg/l	5	15
24	Copper as Cu	APHA 22nd Edition, 3111 B	BDL(DL 0.02 mg/l)	mg/l	0.05	1.5
25	Manganese as Mn	APHA 22nd Edition, 3111 B	BDL(DL 0.10 mg/l)	mg/l	0.1	0.3
26	Cadmium as Cd	APHA 22nd Edition, 3111 B	BDL (DL 0.0005 mg/l)	mg/l	0.003	No Relaxation
27	Lead as Pb	APHA 22nd Edition, 3111 B	BDL (DL 0.008 mg/l)	mg/l	0.01	No Relaxation
28	Selenium as Se	APHA 22nd Edition, 3111 B	BDL (DL 0.001 mg/l)	mg/l	0.01	No Relaxation
29	Arsenic as As	APHA 22nd Edition, 3111 B	BDL (DL 0.0005 mg/l)	mg/l	0.01	0.05
30	Mercury as Hg	APHA 22nd Edition, 3111 B	BDL (DL 0.001 mg/l)	mg/l	0.001	No Relaxation
31	Total Coliform	IS 1622,1981 (Reaffirmed 2003)	Absent	CFU/100 ml	Absent	Absent
32	E-Coli	IS 1622,1981 (Reaffirmed 2003)	Absent	CFU/100ml	Absent	Absent

Note: - *BDL-Below Detection Limit, *DL- Detection Limit, *ND- Not Detectable

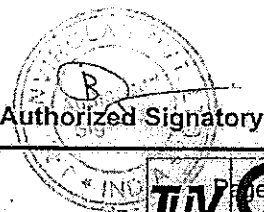
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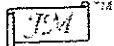
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 E-mail: jmenvirolab@hotmail.com • Website : www.jmenvirolab.com

TEST REPORT

Sample Number	JME/HT/S/01	Report No.	JME/S/141213009
Name & Address of Unit	M/s.Hind Terminals Pvt. Ltd. Village-Janoli & Baghola Palwal (Haryana)	Format No.	5.10 F-05
		Party Reference No.	Nil
Sample Description	SOIL	Reporting Date	18/12/2014
Sampling Location	Village- Janoli	Receipt Date	13/12/2014
Client Representative (Name & Designation)	Mr. Ashish Singhal	Sampling Date	12/12/2014
Sample collected by (Name & Designation)	Mr. Sageer Ahmed (Manager)	Sampling Type	Composite
Latitude	28° 11' 24.1" N	Preservation	
Longitude	77° 21' 0.6" E	Sample Quantity	2.0 kg
Sampling & Analysis Protocol	IS-2720, USDA, Method Manual of Soil Testing in Ind.	Depth of Sampling	30 cm
		Packing Status	Temp. sealed

TEST REPORTS

Sl. No.	Parameters	Protocol	Result	Unit
1	pH (at 25 0C)(1:2.5 soil water sus.)	IS : 2720 (P-26,1987)	7.29	-
2	Conductivity(1:2soil water sus.)	IS:14767,2000	0.29	mS/cm
3	Soil Texture	USDA :1954 Reaffirmed 2010	Sandy Loam	-
4	Colour	USDA :1954 Reaffirmed 2010	Yellowish Brown	-
5	Water holding capacity	USDA :1954 Reaffirmed 2010	44.54	%
6	Bulk density	USDA :1954 Reaffirmed 2010 (Page-121)	1.38	gm/cc
7	Chloride	USDA :1954 Reaffirmed 2010(Page-133)	349.56	mg/kg
8	Exchangable Calcium as Ca	Method manual of soil Testing in india,(Dept. of Ag., & Co.Ministry of Ag.Govt.of Ind.)2011,4.6.3(16a)	130.24	mg/kg
9	Exchangable Sodium as Na	USDA :1954 Reaffirmed 2010(Page-96)	88.79	mg/kg
10	Available Potassium as K	Method manual of soil Testing in India,(Dept. of Ag., & Co.Ministry of Ag.Govt.of Ind.)2011,4.6.3(14)	376.42	kg./hec.
11	Organic Matter	IS:2720 (P-22, 1972) 2001	0.61	%
12	Exchangable Magnesium as Mg	Method manual of soil Testing in india,(Dept. of Ag., & Co.Ministry of Ag.Govt.of Ind.)2011,4.6.3(16b)	76.21	mg/kg
13	Nitrogen as N	IS:14684, 1999	231.12	kg./hec.
14	Available Phosphorus	Method manual of soil Testing in India,(Dept. of Ag., & Co.Ministry of	38.96	kg./hec.

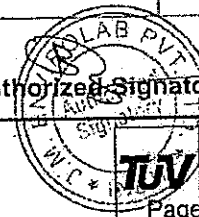
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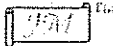
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TEST REPORT

Sample Number

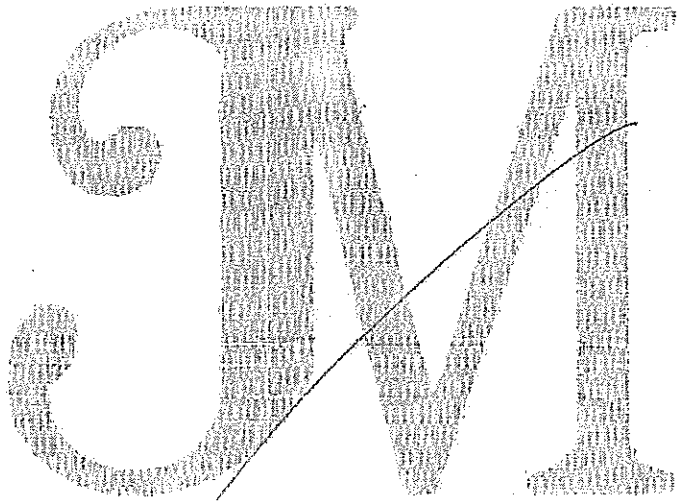
JME/HT/S/01

Report No.

JME/S/141213009

TEST REPORTS

Sl. No.	Parameters	Protocol	Result	Unit
14		Ag. Govt. of Ind.)2011,4.6.3(13)		
15	Total Zinc as Zn	JMELPL/STOP/02(37)	37.98	mg/kg
16	Manganese as Mn	JMELPL/STOP/02(37)	254.21	mg/kg
17	Chromium as Cr	JMELPL/STOP/02(37)	3.15	mg/kg
18	Total Lead as Pb	JMELPL/STOP/02(37)	7.10	mg/kg
19	Total Cadmium as Cd	JMELPL/STOP/02(37)	1.49	mg/kg
20	Total Copper as Cu	JMELPL/STOP/02(37)	28.56	mg/kg



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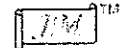
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TEST REPORT

Sample Number **JME/HT/A/07** Report No. **JME/A/150203007**
 Name & Address of Unit **M/s.Hind Terminals Pvt. Ltd.** Format No. **5.10 F-02**
Village-Janoli & Baghola
Palwal (Haryana)

Sample Description **AMBIENT AIR QUALITY MONITORING** Party Reference No. **Nil**
 Reporting Date **11/02/2015**
 Receipt Date **03/02/2015**

General Information

Client Representative (Name & Designation) **Mr. Ashish Singhal**
 Sample collected by (Name & Designation) **Mr. Kushal Sharma(Analyst)**
 Sampling Location **Village -Janoli**
 Latitude **28°11'10.5"N**
 Longitude **77°20'49.1"E**
 Instrument used **RDS & FPS**
 Instrument code **JME/RDS/01/01 & JME/FPS/01/06**
 Instrument calibration status **Calibrated**
 Meteorological condition during monitoring **Clear sky**
 Date of Monitoring **02/02/2015 To 02/02/2015**
 Time of Monitoring **11:10 to 18:50 Hrs.**
 Actual duration of Monitoring, (minutes) **389.2**
 Ambient Temperature (°C) **Max. 23.8, Min. 12.3**
 Surrounding activity **Human and Vehicular Activities**
 Scope of Monitoring **Regulatory requirement**
 Control measure if Any **No**
 Sampling & Analysis Protocol **IS-5182**
 Parameter Required **PM2.5, PM10, NO2, SO2 & CO**

TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	NAAQS
1	Particulate Matter (PM2.5)	PM2.5 sampler (Gravimetric)	42.16	µg/m ³	60
2	Particulate Matter (PM10)	IS: 5182 (P-23), 2006	79.68	µg/m ³	100
3	Nitrogen Dioxides (NO ₂)	IS: 5182 (P-6), 1975 Reaffirmed-1998	23.42	µg/m ³	80
4	Sulphur Dioxide (SO ₂)	IS: 5182 (P-2), 2001	9.21	µg/m ³	80
5	Carbon Monoxide (CO)	IS: 5182 (P-10), 1999	BDL(DL-0.50)mg/m ³	mg/m ³	4

*NAAQS-National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)] [Part-II sec.-3(i)] 16.11.2009

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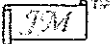
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**TEST REPORT**

Sample Number	JME/HTPL/W/01	Report No.	JME/W/150203001
Name & Address of Unit	M/s.Hind Terminals Pvt. Ltd. Village-Janoli & Baghola Palwal (Haryana)	Format No.	5.10 F-01
		Party Reference No.	Nil
Sample Description	WATER ((Handpump Water))	Reporting Date	11/02/2015
Sampling Location	Village- Janoli	Receipt Date	03/02/2015
Client Representative (Name & Designation)	Mr. Ashish Singhal	Sampling Date	02/02/2015
Sample collected by (Name & Designation)	Mr. Kushal Sharma(Analyst)	Sampling Type	Grab
Latitude	28° 11' 15.6" N	Preservation	Refrigerated
Longitude	77° 20' 70.7" E	Sample Quantity	2.0 Ltr.
Sampling & Analysis Protocol	IS-10500-2012; APHA 22nd Edition 2012	Parameter Required	As per work order

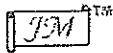
TEST REPORTS

Sl. No.	Parameters	Protocol	Result	Unit	Limits of IS: 10500-2012	
					Desirable Limit (Max)	Permissible Limit in the Absence of Alternate Source (Max)
1	pH (at 25 °C)	APHA 22nd Edition, 4500-H+ B	7.64	-	6.5-8.5	No Relaxation
2	Colour	APHA 22nd Edition, 2120 B	BDL (DL 5.0 Hazen)	Hazen Unit	5	15
3	Turbidity	APHA 22nd Edition, 2130(B)	BDL (DL 1.0 NTU)	NTU	1	5
4	Odour	APHA 22nd Edition, 2150	Agreeable	-	Agreeable	Agreeable
5	Taste	APHA 22nd Edition, 2160	Agreeable	-	Agreeable	Agreeable
6	Total Hardness as CaCO ₃	APHA 22nd Edition, 2340 C	146.88	mg/l	200	600
7	Calcium as Ca	APHA 22nd Edition, 3500Ca B	24.53	mg/l	75	200
8	Alkalinity as CaCO ₃	APHA 22nd Edition, 2320 B	370.48	mg/l	200	600
9	Chloride as Cl	APHA 22nd Edition, 4500Cl-B	140.95	mg/l	250	1000
10	Residual free Chlorine	APHA 22nd Edition, 3500 Cl- B	BDL (DL 0.20 mg/l)	mg/l	0.2	1.0
11	Cyanide as CN	APHA 22nd Edition, 4500CN-CD	BDL (DL 0.02 mg/l)	mg/l	0.05	No Relaxation
12	Magnesium as Mg	APHA 22nd Edition, 2340 B	20.82	mg/l	30	100
13	Total Dissolved Solids	APHA 22nd Edition, 2540 C	655	mg/l	500	2000
14	Sulphate as SO ₄	APHA 22nd Edition, 4500 E	71.45	mg/l	200	400

Tested by Checked by Authorized Signatory **Note:**

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TEST REPORT

Sample Number **JME/HTPLW/01**

Report No.

JME/W/150203001

TEST REPORTS

Sl. No.	Parameters	Protocol	Result	Unit	Limits of IS: 10500-2012	
					Desirable Limit (Max)	Permissible Limit in the Absence of Alternate Source (Max)
15	Fluoride as F	APHA 22nd Edition, 4500-F- D	1.10	mg/l	1.0	1.5
16	Nitrate as NO3-N	IS 3025 (P-34) 1988	1.21	mg/l	45	No Relaxation
17	Iron as Fe	APHA 22nd Edition, 3500-Fe B	0.15	mg/l	0.3	No Relaxation
18	Aluminium as Al	APHA 22nd Edition, 3111 B	BDL(DL 0.03 mg/l)	mg/l	0.03	0.2
19	Boron	APHA 22nd Edition, 4500B C	0.45	mg/l	0.50	1.0
20	Phenolic Compounds	APHA 22nd Edition, 5530 C Photometric method 5530D	BDL(DL 0.001 mg/l)	mg/l	0.001	0.002
21	Anionic Detergents as MBAS	APHA 22nd Edition, 5540 C	BDL(DL 0.02 mg/l)	mg/l	0.2	1.0
22	Hexa Chromium as Cr+6	APHA 22nd Edition, 3111 B	BDL(DL 0.03 mg/l)	mg/l	-	-
23	Zinc as Zn	APHA 22nd Edition, 3111 B	0.14	mg/l	5	15
24	Copper as Cu	APHA 22nd Edition, 3111 B	BDL(DL 0.02 mg/l)	mg/l	0.05	1.5
25	Manganese as Mn	APHA 22nd Edition, 3111 B	BDL(DL 0.10 mg/l)	mg/l	0.1	0.3
26	Cadmium as Cd	APHA 22nd Edition, 3111 B	BDL(DL 0.0005 mg/l)	mg/l	0.003	No Relaxation
27	Lead as Pb	APHA 22nd Edition, 3111 B	BDL(DL 0.008 mg/l)	mg/l	0.01	No Relaxation
28	Selenium as Se	APHA 22nd Edition, 3111 B	BDL(DL 0.001 mg/l)	mg/l	0.01	No Relaxation
29	Arsenic as As	APHA 22nd Edition, 3111 B	BDL(DL 0.0005 mg/l)	mg/l	0.01	0.05
30	Mercury as Hg	APHA 22nd Edition, 3111 B	BDL(DL 0.001 mg/l)	mg/l	0.001	No Relaxation
31	Total Coliform	IS 1622,1981 (Reaffirmed 2003)	Absent	CFU/100 ml	Absent	Absent
32	E-Coli	IS 1622,1981 (Reaffirmed 2003)	Absent	CFU/100ml	Absent	Absent

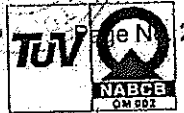
Note: - *BDL-Below Detection Limit, *DL- Detection Limit, *ND- Not Detectable

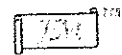
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TEST REPORT

Sample Number **JME/HT/S/01**
Name & Address of Unit **M/s.Hind Terminals Pvt. Ltd.
Village-Janoli & Baghola
Palwal (Haryana)**

Report No. **JME/S/150203001**
Format No. **5.10 F-05**

Sample Description **SOIL**

Party Reference No. **Nil**

Sampling Location **Village- Janoli**
Client Representative **Mr. Ashish Singhal**
Sample collected by (Name & Designation) **Mr. Kushal Sharma(Analyst)**
Latitude **28° 11' 24.1" N**
Longitude **77° 21' 0.6" E**
Sampling & Analysis Protocol **IS-2720,USDA,Method Manual of Soil Testing in Ind.**

Reporting Date **11/02/2015**
Receipt Date **03/02/2015**
Sampling Date **02/02/2015**
Sampling Type **Composite**
Sample Quantity **2.0 kg**
Depth of Sampling **30 cm**
Packing Status **Temp. sealed**

TEST RESULTS

Sl. No	Parameters	Testing Protocol	Result	Unit
1	pH (at 25 0C)(1:2.5 soil water sus.)	IS :2720 (P-26,1987)	7.33	-
2	Conductivity(1:2soil water sus.)	IS:14767,2000	0.33	mS/cm
3	Soil Texture	USDA :1954 Reaffirmed 2010	Sandy Loam	-
4	Colour	USDA :1954 Reaffirmed 2010	Yellowish Brown	-
5	Water holding capacity	USDA :1954 Reaffirmed 2010	42.88	%
6	Bulk density	USDA :1954 Reaffirmed 2010 (Page-121)	1.36	gm/cc
7	Chloride	USDA :1954 Reaffirmed 2010(Page-133)	325.12	mg/kg
8	Exchangable Calcium as Ca	Method manual of soil Testing in india,(Dept. of Ag.,& Co.Ministry of Ag.Govt.of Ind.)2011,4.6.3(16a)	146.25	mg/kg
9	Exchangable Sodium as Na	USDA :1954 Reaffirmed 2010(Page-96)	78.91	mg/kg
10	Available Potassium as K	Method manual of soil Testing in india,(Dept. of Ag.,& Co.Ministry of Ag.Govt.of Ind.)2011,4.6.3(14)	341.25	kg./hec.
11	Organic Matter	IS:2720 (P-22, 1972) 2001	0.67	%
12	Exchangable Magnesium as Mg	Method manual of soil Testing in india,(Dept. of Ag.,& Co.Ministry of Ag.Govt.of Ind.)2011,4.6.3(16b)	88.45	mg/kg
13	Nitrogen as N	IS:14684, 1999	212.56	kg./hec.
14	Available Phosphorus	Method manual of soil Testing in india,(Dept. of Ag.,& Co.Ministry of	43.65	kg./hec.

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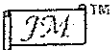
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TEST REPORT

Sample Number

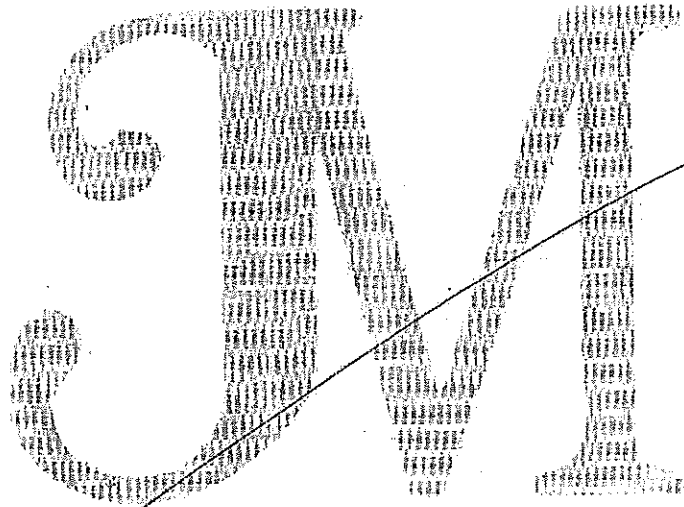
JME/HT/S/01

Report No.

JME/S/150203001

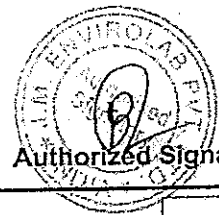
TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit
14		Ag.Govt.of Ind.)2011,4.6.3(13)		
15	Total Zinc as Zn	JMELPL/STOP/02(37)	42.23	mg/kg
16	Manganese as Mn	JMELPL/STOP/02(37)	264.21	mg/kg
17	Chromium as Cr	JMELPL/STOP/02(37)	2.78	mg/kg
18	Total Lead as Pb	JMELPL/STOP/02(37)	6.86	mg/kg
19	Total Cadmium as Cd	JMELPL/STOP/02(37)	1.42	mg/kg
20	Total Copper as Cu	JMELPL/STOP/02(37)	34.56	mg/kg



Tested by *[Signature]*

Checked by *[Signature]*



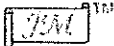
Authorized Signatory

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TEST REPORT

Sample Number **JME/NT/JAN/01** Report No. **JME/AN/150203001**
 Name & Address of Unit **M/s.HInd Terminals Pvt. Ltd. Village-Janoli & Baghola Palwal (Haryana)** Format No. **5.10 F-04**

Sample Description **AMBIENT NOISE LEVEL MONITORING** Party Reference No. **NIL**
 Reporting Date **11/02/2015**
 Receipt Date **03/02/2015**

General Information

Client Representative (Name & Designation) **Mr. Ashish Singh**
 Sample collected by (Name & Designation) **Mr. Sageer Ahmed (Manager)**
 Sampling Location **Village- Janoli**
 Latitude **28°11'13.4"N**
 Longitude **77°21'05.1"E**
 Date of Monitoring **02/02/2015 To 03/02/2015**
 Time of Monitoring **06:00 to 06:00 Hrs.**
 Instrument used **Sound Level Meter**
 Instrument code **JME/SLM/01/03**
 Instrument calibration status **Calibrated**
 Meteorological condition during monitoring **Clear Sky**
 Ambient Temperature (°C) **Max: 23.8°C Min. 12.3°C**
 Surrounding activity **Human & Vehicular Activities**
 Scope of Monitoring **Regulatory Requirement**
 Control measure if Any **No**
 Sampling & Analysis Protocol **CPCB GuideLines & IS-9989**
 Sampling Duration **24 Hrs.**
 Parameter Required **Lmax,Lmin,Leq**

TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Test Result dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1	Lmax	CPCB GuideLines / IS-9989	66.5	52.6	dB(A)
2	Lmin	CPCB GuideLines / IS-9989	43.2	36.4	dB(A)
3	Leq	CPCB GuideLines / IS-9989	51.8	40.8	dB(A)
4	CPCB Limits in dB(A) Leq (Residential area)	-	55	45	dB(A)
5	CPCB Limits in dB(A) Leq (Industrial area)	-	75	70	dB(A)
6	CPCB Limits in dB(A) Leq (Commercial area)	-	65	55	dB(A)
7	CPCB Limits in dB(A) Leq (Silence area)	-	50	40	dB(A)

Dines
Tested by

[Signature]
Checked by

[Signature]
Authorized Signatory

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TEST REPORT

Sample Number: JME/HT/AN/04 Report No.: JME/AN/150331004
 Name & Address of Unit: Ms.Hind Terminals Pvt. Ltd.
 Village-Janoli & Baghola
 Palwal (Haryana) Format No.: 5.10 F-04

Sample Description: AMBIENT NOISE LEVEL MONITORING Party Reference No.: Nil
 Reporting Date: 04/04/2015
 Receipt Date: 31/03/2015

General Information

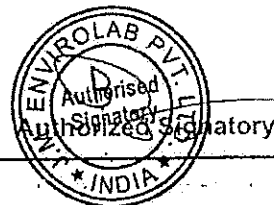
Client Representative (Name & Designation): Mr. Ashish Singhal
 Sample collected by (Name & Designation): Mr. Sageer Ahmad (Asst. Manager)
 Sampling Location: Village- Janoli
 Latitude: ----
 Longitude: ----
 Date of Monitoring: 30/03/2015 To 31/03/2015
 Time of Monitoring: 06:00 to 06:00AM
 Instrument used: Sound level meter
 Instrument code: JME/SLM/01/05
 Instrument calibration status: Calibrated
 Meteorological condition during monitoring: Clear sky
 Ambient Temperature (°C): Max.34.0; Min.22.0
 Surrounding activity: Human & Vehicular activities
 Scope of Monitoring: Regulatory requirement
 Control measure if Any: No
 Sampling & Analysis Protocol: CPCB GuideLines & IS-9989
 Sampling Duration: 24 hours
 Parameter Required: Lmax, Lmin, Leq

TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Test Result dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1	Lmax	CPCB GuideLines / IS-9989	69.20	49.20	dB(A)
2	Lmin	CPCB GuideLines / IS-9989	38.40	38.20	dB(A)
3	Leq	CPCB GuideLines / IS-9989	54.00	41.86	dB(A)
4	CPCB Limits in dB(A) Leq (Residential area)	-	55.00	45.00	dB(A)

Dinesh
Tested by

Sageer
Checked by



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TEST REPORT

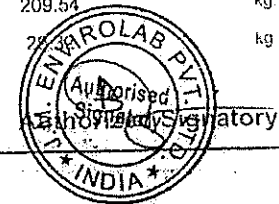
Sample Number	JME/HT/S/02	Report No.	JME/S/150331002
Name & Address of Unit	M/s.Hind Terminals Pvt. Ltd. Village-Janoli & Baghola Palwal (Haryana)	Format No.	5.10 F-05
Sample Description	SOIL	Party Reference No.	Nil
Sampling Location	Village-Janoli	Reporting Date	04/04/2015
Client Representative (Name & Designation)	Mr. Ashish Singhal	Receipt Date	31/03/2015
Sample collected by (Name & Designation)	Mr. Raman (Field asst.)	Sampling Date	31/03/2015
Latitude	---	Sampling Type	Composite
Longitude	---	Sample Quantity	2.0 kg
Sampling & Analysis Protocol	IS-2720,USDA,Method Manual of Soil Testing in Ind.	Depth of Sampling	30 cm
		Packing Status	Temp. scaled

TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit
1	pH (at 25 0C)(1:2.5 soil water sus.)	IS : 2720 (P-26,1987)	7.19	.
2	Conductivity(1:2soil water sus.)	IS:14767,2000	0.27	mS/cm
3	Soil Texture	USDA :1954 Reaffirmed 2010	Sandy Loam	.
4	Colour	USDA :1054 Reaffirmed 2010	Yellowish Brown	.
5	Water holding capacity	USDA :1954 Reaffirmed 2010	41.64	%
6	Bulk density	USDA :1954 Reaffirmed 2010 (Page-121)	1.27	gm/cc
7	Chloride	USDA :1954 Reaffirmed 2010(Page-133)	335.11	mg/kg
8	Exchangable Calcium as Ca	Method manual of soil Testing in india,(Dept. of Ag.,& Co.Ministry of Ag.Govt.of Ind.)2011.4.6.3(16a	122.64	mg/kg
9	Exchangable Sodium as Na	USDA :1954 Reaffirmed 2010(Page-96)	95.34	mg/kg
10	Available Potassium as K	Method manual of soil Testing in india,(Dept. of Ag.,& Co.Ministry of Ag.Govt.of Ind.)2011.4.6.3(14)	282.20	kg /hec
11	Organic Matter	IS:2720 (P-22, 1972) 2001	0.66	%
12	Exchangable Magnesium as Mg	Method manual of soil Testing in india,(Dept. of Ag.,& Co.Ministry of Ag.Govt.of Ind.)2011.4.6.3(16b	69.46	mg/kg
13	Nitrogen as N	IS:14684, 1999	209.54	kg /hec
14	Available Phosphorus	Method manual of soil Testing in india,(Dept. of Ag.,& Co.Ministry of		kg /hec

Tested by *Dushad*

Checked by *Singh*



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TEST REPORT

Sample Number JME/HT/S/02

Report No.

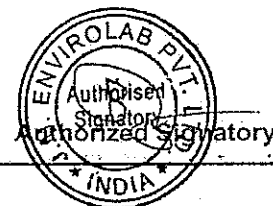
JME/S/150331002

TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit
14		Ag. Govt. of Ind.)2011.4.6.3(13)		
15	Total Zinc as Zn	JMELPL/STOP/02(37)	30.00	mg/kg
16	Manganese as Mn	JMELPL/STOP/02(37)	220.00	mg/kg
17	Chromium as Cr	JMELPL/STOP/02(37)	2.50	mg/kg
18	Total Lead as Pb	JMELPL/STOP/02(37)	7.50	mg/kg
19	Total Cadmium as Cd	JMELPL/STOP/02(37)	2.50	mg/kg
20	Total Copper as Cu	JMELPL/STOP/02(37)	20.00	mg/kg

D. Singh
Tested by

D. Singh
Checked by



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TEST REPORT

Sample Number	JME/HT/W/02	Report No.	JME/W/150331002
Name & Address of Unit	M/s.Hind Terminals Pvt. Ltd. Village-Janoli & Baghola Palwal (Haryana)	Format No.	5.10 F-01
Sample Description	WATER (Ground Water from Handpump)	Party Reference No.	Nil
Sampling Location	Village- Janoli	Reporting Date	04/04/2015
Client Representative (Name & Designation)	Mr. Ashish Singhal	Receipt Date	31/03/2015
Sample collected by (Name & Designation)	Mr. Raman (Field Asst.)	Sampling Date	31/03/2015
Latitude	---	Sampling Type	Grab
Longitude	---	Preservation	Refrigerated
Sampling & Analysis Protocol	IS-10500-2012, APHA 22nd Edition 2012	Sample Quantity	2 Ltr.+200ml
		Parameter Required	As per IS 10500

TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Limits of IS: 10500-2012	
					Desirable Limit (Max)	Permissible Limit in the Absence of Alternate Source (Max)
1	pH (at 25 °C)	APHA 22nd Edition, 4500-H+ B	8.15		6.5 to 8.5	No Relaxation
2	Colour	APHA 22nd Edition, 2120 B	BDL (DL 5Hazen)	Hazen Unit	5	15
3	Turbidity	APHA 22nd Edition, 2130(B)	2.0	NTU	1	5
4	Odour	APHA 22nd Edition, 2150	Agreeable		Agreeable	Agreeable
5	Taste	APHA 22nd Edition, 2160	Agreeable		Agreeable	Agreeable
6	Total Hardness as CaCO ₃	APHA 22nd Edition, 2340 C	254.92	mg/l	200	500
7	Calcium as Ca	APHA 22nd Edition, 3500Ca B	38.41	mg/l	75	200
8	Alkalinity as CaCO ₃	APHA 22nd Edition, 2320 B	516.08	mg/l	200	500
9	Chloride as Cl	APHA 22nd Edition, 4500Cl-B	407.02	mg/l	250	1000
10	Residual free Chlorine	APHA 22nd Edition, 3500 Cl- B	BDL (DL 0.20 mg/l)	mg/l	0.2	1.0
11	Cyanide as CN	APHA 22nd Edition, 4500CN-CD	BDL (DL 0.02 mg/l)	mg/l	0.05	No Relaxation

Tested by 

Checked by 

Authorized Signatory  Page No. 1/3

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TEST REPORT

Sample Number JME/HT/W/02 Report No. JME/W/150331002

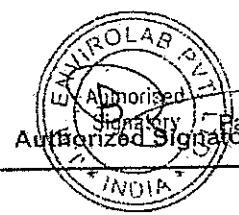
TEST RESULTS

Limits of IS: 10500-2012

Sl. No.	Parameters	Testing Protocol	Result	Unit	Desirable Limit (Max)	Permissible Limit in the Absence of Alternate Source (Max)
12	Magnesium as Mg	APHA 22nd Edition, 2340 B	38.66	mg/l	30	100
13	Total Dissolved Solids	APHA 22nd Edition, 2540 C	1666.00	mg/l	500	2000
14	Sulphate as SO ₄	APHA 22nd Edition, 4500 E	179.81	mg/l	200	400
15	Fluoride as F	APHA 22nd Edition, 4500-F- D	2.04	mg/l	1.0	1.5
16	Nitrate as NO ₃ -N	IS 3025 (P-34) 1988	1.15	mg/l	45	No Relaxation
17	Iron as Fe	APHA 22nd Edition, 3500-Fe B	0.19	mg/l	0.3	No Relaxation
18	Aluminium as Al	APHA 22nd Edition, 3111 B	BDL (DL 0.03 mg/l)	mg/l	0.03	0.2
19	Boron	APHA 22nd Edition, 4500B C	0.29	mg/l	0.50	1.0
20	Phenolic Compounds	APHA 22nd Edition, 5530 C Photometric method 5530D	BDL (DL 0.001 mg/l)	mg/l	0.001	0.002
21	Anionic Detergents as MBAS	APHA 22nd Edition, 5540-C	BDL (DL 0.02 mg/l)	mg/l	0.2	1.0
22	Hexa Chromium as Cr+6	APHA 22nd Edition, 3111 B	BDL (DL 0.03 mg/l)	mg/l	--	--
23	Zinc as Zn	APHA 22nd Edition, 3111 B	0.36	mg/l	5	15
24	Copper as Cu	APHA 22nd Edition, 3111 B	BDL(DL 0.02 mg/l)	mg/l	0.05	1.5
25	Manganese as Mn	APHA 22nd Edition, 3111 B	BDL(DL 0.10 mg/l)	mg/l	0.1	0.3
26	Cadmium as Cd	APHA 22nd Edition, 3111 B	BDL (DL 0.0005 mg/l)	mg/l	0.003	No Relaxation
27	Lead as Pb	APHA 22nd Edition, 3111 B	BDL (DL 0.008 mg/l)	mg/l	0.01	No Relaxation
28	Selenium as Se	APHA 22nd Edition, 3111 B	BDL (DL 0.001 mg/l)	mg/l	0.01	No Relaxation
29	Arsenic as As	APHA 22nd Edition, 3111 B	BDL (DL 0.0005 mg/l)	mg/l	0.01	0.05
30	Mercury as Hg	APHA 22nd Edition, 3111 B	BDL (DL 0.001 mg/l)	mg/l	0.001	No Relaxation
31	Total Coliform	IS 1622,1981 (Reaffirmed 2003)	BDL(DL 2.00	CFU/100 ml	Absent	Absent

Tested by *Anjali*

Checked by *Sufi*



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TEST REPORT

Sample Number JME/HT/W/02

Report No.

JME/W/150331002

TEST RESULTS

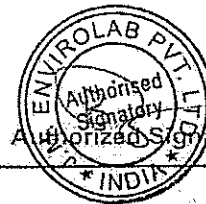
Limits of IS: 10500-2012

Sl. No.	Parameters	Testing Protocol	Result	Unit	Desirable Limit (Max)	Permissible Limit in the Absence of Alternate Source (Max)
31				CFU/100 ml)		
32	E-Coli	IS 1622,1981 (Reaffirmed 2003)	ND	CFU/100ml	Absent	Absent

Note: - *BDL-Below Detection Limit, *DL- Detection Limit, *ND- Not Detectable

Tested by

Checked by



Page No. 3/3

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TEST REPORT

Sample Number	JME/HT/A/04	Report No.	JME/A/150331004
Name & Address of Unit	M/s.Hind Terminals Pvt. Ltd. Village-Janoli & Baghola Palwal (Haryana)	Format No.	5.10 F-02

Sample Description	AMBIENT AIR QUALITY MONITORING	Party Reference No.	Nil
		Reporting Date	04/04/2015
		Receipt Date	31/03/2015

General Information	
Client Representative (Name & Designation)	Mr. Ashish Singhal
Sample collected by (Name & Designation)	Mr. Sageer Ahmad (Asstt. Manager)
Sampling Location	Village- Janoli
Latitude	----
Longitude	----
Instrument used	RDS & FPS
Instrument code	JME/RDS/01/07 & JMc/FPS/01/05
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear sky
Date of Monitoring	31/03/2015 To 31/03/2015
Time of Monitoring	15:00 to 23:00 Hrs.
Actual duration of Monitoring, (minutes)	352.0
Ambient Temperature (°C)	Max. 34.0; Min. 22.0
Surrounding activity	Human and Vehicular Activities
Scope of Monitoring	Regulatory requirement
Control measure if Any	No
Sampling & Analysis Protocol	IS-5182
Parameter Required	PM2.5, PM10, NO2, SO2, CO

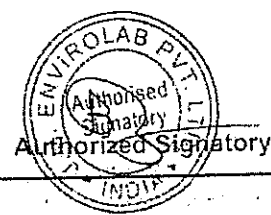
TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	NAAQS
1	Particulate Matter (PM2.5)	PM2.5 sampler (Gravimetric)	40.32	µg/m ³	60
2	Particulate Matter (PM10)	IS: 5182 (P-23), 2006	84.63	µg/m ³	100
3	Nitrogen Dioxides (NO2)	IS: 5182 (P-6), 1975 Reaffirmed-1998	24.39	µg/m ³	80
4	Sulphur Dioxide (SO2)	IS: 5182 (P-2), 2001	10.25	µg/m ³	80
5	Carbon Monoxide (CO)	IS: 5182 (P-10), 1999	BDL(DL-0.50)	mg/m ³	4

*NAAQS-National Ambient Air Quality Standards; Schedule-VII,[Rule 3 (3B)] [Part-II sec.-3(i)] 16.11.2009

Dinesh
Tested by

Sageer
Checked by



- Note:
- This test report has been at your request and test results pertain to the tested sample received.
 - This report is for your reference only and not to be used for any legal purpose.
 - Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
 - Liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
 - The sample will be destroyed after retention time unless otherwise specified specially.
 - Endorsement of the product tested by the laboratory is neither in form nor implied.
 - All disputes are subject to exclusive jurisdiction of local court only.

