

Approved Environmental & Food Testing Laboratory  
 Accredited from MoEF-EPA, NABL, MSME, NSIC, ISO 9001 : 2008, ISO 14001 : 2004 & OHSAS 18001 : 2007

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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/140415006
Name & Address of Party:	M/s. Hind Terminal Pvt. Ltd. Village-Janouli & Baghola Palwal (Haryana)	Format No.:	5.10 F-05
Sample Description:	SOIL	Party Reference No.:	NIL
Sampling Location:	Village-Janouli	Reporting Date:	23/04/2014
Client Representative (Name & Designation):	Mr. Ashish Singhal	Receipt Date:	15/04/2014
Sample Collected by (Name & Designation)	Mr. Bhagchand Kumawat (Field Asst.)	Sampling Date :	14/04/2014
Latitude:	28° 11' 46.1 " N	Type of Sampling	Composite
Longitude:	77° 20' 44.5 " E	Sample Quantity	2.0 Kg
Sampling & Analysis Protocol	IS-2720,USDA	Depth of Sampling:	30 Cm
		Packing Status:	Temp Sealed

### TEST RESULTS

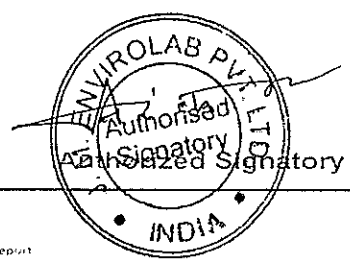
S. No.	Parameter	Protocol	Result	Unit
1.	pH (at 25 0C)	IS : 2720 (P-26,1987)	7.45	--
2.	Conductivity	IS:14767,2000	0.27	mS/cm
3.	Soil Texture	USDA Method, 1968	Sandy Loam	--
4.	Colour	USDA Method, 1968	Yellowish Brown	--
5.	Water holding capacity	USDA Method, 1968	39.49	%
6.	Bulk density	USDA Method, 1968	1.33	gm/cc
7.	Chloride as Cl	USDA Method, 1968	356.59	mg/kg
8.	Calcium as Ca	USDA Method, 1968	203.23	mg/kg
9.	Sodium as Na	USDA Method, 1968	84.59	mg/kg
10.	Potassium as K	USDA Method, 1968	243.45	kg./hec.
11.	Organic Matter	IS:2720 (P-22, 1972)	0.68	%
12.	Magnesium as Mg	USDA Method, 1968	65.59	mg/kg
13.	Available Nitrogen as N	IS:14684, 1999	232.82	kg./hec.
14.	Available Phosphorus	USDA Method, 1968	37.6	kg./hec.
15.	Zinc as Zn	APHA-3030D, APHA-3111B	27.3	mg/kg
16.	Manganese as Mn	APHA-3030D, APHA-3111B	278.90	mg/kg
17.	Chromium as Cr	APHA-3030D, APHA-3111B	5.76	mg/kg
18.	Lead as Pb	APHA-3030D, APHA-3111B	10.23	mg/kg
19.	Cadmium as Cd	APHA-3030D, APHA-3111B	1.86	mg/kg
20.	Copper as Cu	APHA-3030D, APHA-3111B	17.68	mg/kg

*[Signature]*

Tested by

*[Signature]*

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5. The sample will be destroyed after a certain time unless otherwise specified specially.
6. Endorsement of this product tested by the laboratory is neither inferred nor implied.
7. All disputes are subject to exclusive jurisdiction of Jaipur court only.

## TEST REPORT

Sample Number	JME/ HT/AN/04	Report No.	JME/AN/140415006
Name & Address of Unit	M/s Hind Terminal Pvt. Ltd. Village-Janouli & Baghola Palwal (Haryana)	Format No.	5.10 F-04
		Party Reference No.	NIL
		Reporting Date	23/04/2014
		Receipt Date	15/04/2014

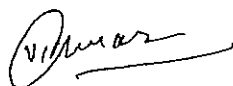
Sample Description      AMBIENT NOISE LEVEL MONITORING

### General Information

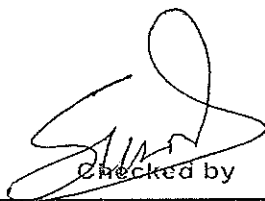
Client Representative (Name & Designation) : Mr. Ashish Singhal  
 Sample Collected by (Name & Designation) : Mr. Shankar lal yadav ( Field Coordinator)  
 Sampling Location : Village-Janouli  
 Latitude : 28° 11' 21.2 " N  
 Longitude : 77° 20' 87.6 " E  
 Instrument Used : Sound Level Meter  
 Instrument Code : JME/SLM/01/09  
 Instrument Calibration Status : Calibrated  
 Meteorological condition during monitoring : Clear Sky  
 Date of Monitoring : 13/04/2014 to 14/04/2014  
 Time of Monitoring : 06:00 to 06:00  
 Ambient Temperature (°C) : Min. 27.5, Max. 39.7  
 Surrounding Activity : Human & Vehicular Activities  
 Scope of Monitoring : Regulatory Requirement  
 Control Measures if Any : No  
 Sampling & Analysis Protocol : CPCB Guidelines & IS-9989  
 Sampling Duration : 24 Hrs  
 Parameter Required : As per Work Order

### TEST RESULTS

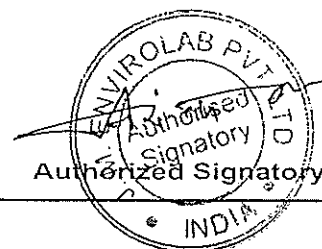
S.No	Parameters	Protocol	Test Result dB (A)		Unit
			Day Time (06:00 AM To 10:00 PM)	Night Time (10:00 PM To 06:00 AM)	
1.	Lmax	CPCB Guidelines/ IS-9989	68.70	50.30	dB(A)
2.	Lmin	CPCB Guidelines/ IS-9989	44.20	38.90	dB(A)
3.	Leq	CPCB Guidelines/ IS-9989	54.01	43.89	dB(A)
4.	CPCB Limits in db(A) Leq (Residential Area)	--	55.00	45.00	dB(A)



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## TEST REPORT

Sample Number JME/ HT/A/04  
 Name & Address of Unit M/s Hind Terminal Pvt. Ltd.  
 Village-Janouli & Baghola  
 Palwal (Haryana)

Report No. JME/A/140415006  
 Format No. 5.10 F-04  
 Party Reference No. NIL  
 Reporting Date 23/04/2014  
 Receipt Date 15/04/2014

Sample Description AMBIENT AIR QUALITY MONITORING

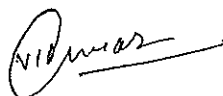
### General Information

Client Representative (Name & Designation) : Mr. Ashish Singhal  
 Sample Collected by (Name & Designation) : Mr. Bhagchand Kumawat (Field Asst.)  
 Sampling Location : Village-Janouli  
 Latitude : 28° 12' 08.9 " N  
 Longitude : 77° 19' 68.2 " E  
 Instrument Used : RDS with PM 2.5 attachment  
 Instrument Code : JME/RDS/01/03  
 Instrument Calibration Status : Calibrated  
 Meteorological condition during monitoring : Clear Sky  
 Date of Monitoring : 13/04/2014 to 13/04/2014  
 Time of Monitoring : 11:10 to 19:40  
 Actual duration of Monitoring, (minutes) : 450.10  
 Ambient Temperature (°C) : Min. 31.0, Max. 39.7  
 Surrounding Activity : Vehicular & Human Activities  
 Scope of Monitoring : Regulatory Requirement  
 Control Measures if Any : No  
 Sampling & Analysis Protocol : IS-5182  
 Parameter Required : PM<sub>2.5</sub>, PM<sub>10</sub>, NO<sub>2</sub>, SO<sub>2</sub>

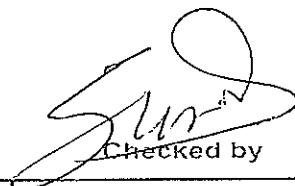
### TEST RESULTS

S.No.	Parameters	Protocol	Result	Unit	*NAAQS
1.	Particulate Matter (PM <sub>2.5</sub> )	PM2.5 Sampler (Gravimetric)	41.00	µg/m <sup>3</sup>	60
2.	Particulate Matter (PM <sub>10</sub> )	IS: 5182 (P-23), 2006	87.60	µg/m <sup>3</sup>	100
3.	Nitrogen Dioxides (NO <sub>2</sub> )	IS: 5182 (P-6), 1975 Reffirmed-1988	19.01	µg/m <sup>3</sup>	80
4.	Sulphur Dioxide (SO <sub>2</sub> )	IS: 5182 (P-2), 2001	11.20	µg/m <sup>3</sup>	80
5.	Carbon Monoxide (CO)	IS-5182 (P-10), 1999	BDL (DL 0.5 mg/m <sup>3</sup> )	mg/m <sup>3</sup>	4

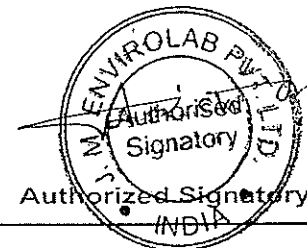
\*NAAQS-National Ambient Air Quality Standards; Schedule-VII, [Rule 3(3B)] [Part-II sec.-3(i)] 16.11.2009



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## TEST REPORT

Sample Number	JME/HT/W/01	Report No.	JME/S/140415005
Name & Address of Unit	M/s Hind Terminal Pvt. Ltd. Village-Janouli & Baghola Palwal (Haryana)	Format No.	5.10 F-05
		Party Reference No.	NIL
		Reporting Date	23/04/2014
		Receipt Date	15/04/2014
Sample Description	Water (Ground Water from Handpump)	Sampling Date	14/04/2014
Sampling Location	Janouli	Sampling Type	Grab
Client Representative (Name & Designation)	Mr. Ashish Singhal	Preservation	Refrigerated
Sample collected by (Name & Designation)	Mr. Bhagchand Kumawat (Field Asst.)	Sample Quantity	2.0 Ltr. + 200 ml
Latitude	28° 11' 25.8 '' N	Parameter Required	As per Work Order
Longitude	77° 20' 79.2 '' E		
Sampling & Analysis Protocol	IS-10500-2012 & APHA 22nd Edition 2012		

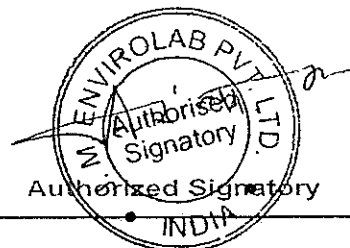
### TEST RESULTS

S.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	7.96	--	6.5 to 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)	1.0	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 CaCo3	APHA 22nd Edition 2340 C	233.45	mg/l	200	600
7.	Calcium as Ca	APHA 22nd Edition, 3500 Ca B	33.87	mg/l	75	200
8.	Alkalinity as CaCo3	APHA 22nd Edition, 2320 B	511.21	mg/l	200	600
9.	Chloride as Cl	APHA 22nd Edition, 4500 Cl-B	486.89	mg/l	250	1000
10.	Residual free Chlorine	APHA 22nd Edition, 3500 Cl-B	BDL (DL 0.2mg/l)	mg/l	0.2	1.0
11.	Cyanide as CN	APHA 22nd Edition, 4500 CN-CD	BDL (DL0.02mg/l)	mg/l	0.05	No Relaxation
12.	Magnesium as Mg	APHA 22nd Edition, 2340 B	36.19	mg/l	30	100
13.	Total Dissolve Solids	APHA 22nd Edition, 2540 C	1567.00	mg/l	500	2000
14.	Sulphate as SO4	APHA 22nd Edition, 4500 E	187.45	mg/l	200	400
15.	Fluoride as F	APHA 22nd Edition, 4500-F-D	1.45	mg/l	1.0	1.5
16.	Nitrate as NO3	IS 3025 (P-34) 1988	8.94	mg/l	45	No Relaxation
17.	Iron as Fe	APHA 22nd Edition, 3500-Fe B	0.24	mg/l	0.3	No Relaxation
18.	Aluminium as Al	APHA 22nd Edition, 3111 B	BDL (DL 0.03mg/l)	mg/l	0.03	0.2

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Name & Address of Unit	M/s Hind Terminal Pvt. Ltd. Village-Janouli & Baghola Palwal (Haryana)	Format No.	5.10 F-05
		Party Reference No.	NIL
		Reporting Date	23/04/2014
		Receipt Date	15/04/2014
Sample Description	Water (Ground Water from Handpump)	Sampling Date	14/04/2014
Sampling Location	Janouli	Sampling Type	Grab
Client Representative (Name & Designation)	Mr. Ashish Singhal	Preservation	Refrigerated
Sample collected by (Name & Designation)	Mr. Bhagchand Kumawat (Field Asst.)	Sample Quantity	2.0 Ltr. + 200 ml
Latitude	28° 11' 25.8 " N	Parameter Required	As per Work Order
Longitude	77° 20' 79.2 " E		
Sampling & Analysis Protocol	IS-10500-2012 & APHA 22nd Edition 2012		

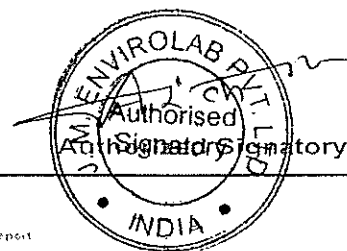
### TEST RESULTS

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 5530 D	BDL (DL 0.001 mg/l)	mg/l	0.001	0.002
21.	Anionic Detergents as MBAS	APHA, MBAS Method, 5540 C	BDL (DL 0.02 mg/l)	mg/l	0.2	1.0
22.	Hexa Chromium as Cr <sup>+6</sup>	APHA 22nd Edition, 3111 B	BDL (DL 0.01 mg/l)	mg/l	--	--
23.	Zinc as Zn	APHA 22nd Edition, 3111 B	0.21	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 0.1mg/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/100ml	Absent	Absent
32.	E-Coli	IS 1622,1981 (Reaffirmed 2003)	Absent	CFU/100ml	Absent	Absent

\*BDL-Below Detection Limit, DL- Detectable Limit

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## TEST REPORT

Sample Number:	JME/ HT/S/01	Report No.:	JME/S/140522003
Name & Address of Party:	M/s. Hind Terminal Pvt. Ltd. Village-Janouli & Baghola Palwal (Haryana)	Format No.:	5.10 F-05
Sample Description:	SOIL	Party Reference No.:	NIL
Sampling Location:	Village-Janouli	Reporting Date:	28/05/2014
Client Representative (Name & Designation):	Mr. Ashish Singhal	Receipt Date:	22/05/2014
Sample Collected by (Name & Designation)	Mr. Shankar Lal Yadav ( Field Coordinator)	Sampling Date :	21/05/2014
Latitude:	28° 11' 45.7 " N	Type of Sampling	Composite
Longitude:	77° 20' 43.4 " E	Sample Quantity	2.0 Kg
Sampling & Analysis Protocol	IS-2720, USDA	Depth of Sampling:	30 Cm
		Packing Status:	Temp Sealed

### TEST RESULTS

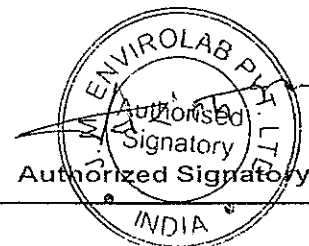
S. No.	Parameter	Protocol	Result	Unit
1.	pH (at 25 OC)	IS : 2720 (P-26,1987)	7.68	--
2.	Conductivity	IS:14767,2000	0.33	mS/cm
3.	Soil Texture	USDA Method, 1968	Sandy Loam	--
4.	Colour	USDA Method, 1968	Yellowish Brown	--
5.	Water holding capacity	USDA Method, 1968	34.50	%
6.	Bulk density	USDA Method, 1968	1.40	gm/cc
7.	Chloride as Cl	USDA Method, 1968	349.86	mg/kg
8.	Calcium as Ca	USDA Method, 1968	189.69	mg/kg
9.	Sodium as Na	USDA Method, 1968	102.32	mg/kg
10.	Potassium as K	USDA Method, 1968	267.67	kg. /hec.
11.	Organic Matter	IS:2720 (P-22, 1972)	0.74	%
12.	Magnesium as Mg	USDA Method, 1968	54.34	mg/kg
13.	Available Nitrogen as N	IS:14684, 1999	201.34	kg. /hec.
14.	Available Phosphorus	USDA Method, 1968	32.68	kg. /hec.
15.	Zinc as Zn	APHA-3030D, APHA-3111B	29.95	mg/kg
16.	Manganese as Mn	APHA-3030D, APHA-3111B	304.76	mg/kg
17.	Chromium as Cr	APHA-3030D, APHA-3111B	5.02	mg/kg
18.	Lead as Pb	APHA-3030D, APHA-3111B	8.45	mg/kg
19.	Cadmium as Cd	APHA-3030D, APHA-3111B	1.63	mg/kg
20.	Copper as Cu	APHA-3030D, APHA-3111B	18.32	mg/kg



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## TEST REPORT

Sample Number	JME/HT/AN/04	Report No.	JME/AN/140522005
Name & Address of Unit	M/s Hind Terminal Pvt. Ltd. Village-Janouli & Baghola Palwal (Haryana)	Format No.	5.10 F-04
		Party Reference No.	NIL
		Reporting Date	28/05/2014
		Receipt Date	22/05/2014
Sample Description	AMBIENT NOISE LEVEL MONITORING		

### General Information

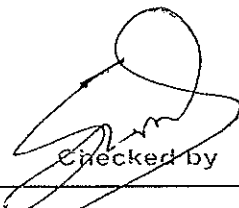
Client Representative (Name & Designation)	: Mr. Ashish Singhal
Sample Collected by (Name & Designation)	: Mr. Mahendra Singh (Analyst)
Sampling Location	: Village-Janouli
Latitude	: 28° 11' 22.7" N
Longitude	: 77° 20' 86.9" E
Instrument Used	: Sound Level Meter
Instrument Code	: JME/SLM/01/06
Instrument Calibration Status	: Calibrated
Meteorological condition during monitoring	: Clear Sky
Date of Monitoring	: 21/05/2014 to 22/05/2014
Time of Monitoring	: 06:00 to 06:00
Ambient Temperature (°C)	: Min. 26.1, Max. 37.1
Surrounding Activity	: Human & Vehicular Activities
Scope of Monitoring	: Regulatory Requirement
Control Measures if Any	: No
Sampling & Analysis Protocol	: CPCB Guidelines & IS-9989
Sampling Duration	: 24 Hrs
Parameter Required	: As per Work Order

### TEST RESULTS

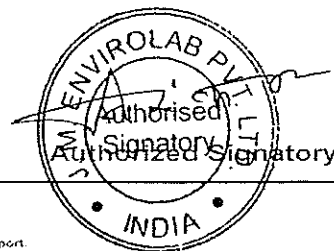
S.No	Parameters	Protocol	Test Result dB (A)		Unit
			Day Time (06:00 AM To 10:00 PM)	Night Time (10:00 PM To 06:00 AM)	
1.	Lmax	CPCB Guidelines/ IS-9989	62.50	47.20	dB(A)
2.	Lmin	CPCB Guidelines/ IS-9989	44.20	37.60	dB(A)
3.	Leq	CPCB Guidelines/ IS-9989	52.98	44.02	dB(A)
4.	CPCB Limits in db(A) Leq (Residential Area)	--	55.00	45.00	dB(A)



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## TEST REPORT

Sample Number	JME/ HT/A/04	Report No.	JME/A/140522005
Name & Address of Unit	M/s Hind Terminal Pvt. Ltd. Village-Janouli & Baghola Palwal (Haryana)	Format No.	5.10 F-04
		Party Reference No.	NIL
		Reporting Date	28/05/2014
		Receipt Date	22/05/2014
Sample Description	AMBIENT AIR QUALITY MONITORING		

### General Information

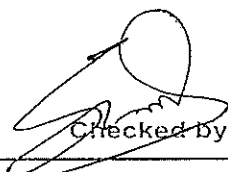
Client Representative (Name & Designation)	: Mr. Ashish Singhal
Sample Collected by (Name & Designation)	: Mr. Mahendra Singh (Analyst)
Sampling Location	: Village-Janouli
Latitude	: 28° 12' 09.3 " N
Longitude	: 77° 19' 67.6 " E
Instrument Used	: RDS with PM 2.5 attachment
Instrument Code	: JME/RDS/01/04
Instrument Calibration Status	: Calibrated
Meteorological condition during monitoring	: Clear Sky
Date of Monitoring	: 21/05/2014 to 21/05/2014
Time of Monitoring	: 12:00 to 20:50
Actual duration of Monitoring, (minutes)	: 485.00
Ambient Temperature (°C)	: Min. 31.6, Max. 37.1
Surrounding Activity	: Vehicular & Human Activities
Scope of Monitoring	: Regulatory Requirement
Control Measures if Any	: No
Sampling & Analysis Protocol	: IS-5182
Parameter Required	: PM <sub>2.5</sub> , PM <sub>10</sub> , NO <sub>2</sub> , SO <sub>2</sub>

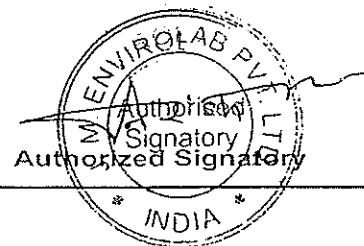
### TEST RESULTS

S.No.	Parameters	Protocol	Result	Unit	*NAAQS
1.	Particulate Matter (PM <sub>2.5</sub> )	PM2.5 Sampler (Gravimetric)	39.02	µg/m <sup>3</sup>	60
2.	Particulate Matter (PM <sub>10</sub> )	IS: 5182 (P-23), 2006	83.46	µg/m <sup>3</sup>	100
3.	Nitrogen Dioxides (NO <sub>2</sub> )	IS: 5182 (P-6), 1975 Reffirmed-1988	21.86	µg/m <sup>3</sup>	80
4.	Sulphur Dioxide (SO <sub>2</sub> )	IS: 5182 (P-2), 2001	10.57	µg/m <sup>3</sup>	80
5.	Carbon Monoxide (CO)	IS-5182 (P-10), 1999	BDL (DL 0.5 mg/m <sup>3</sup> )	mg/m <sup>3</sup>	4

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

  
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6. Endorsement of the product tested by the laboratory is neither given nor implied.
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## TEST REPORT

Sample Number	JME/HT/W/01	Report No.	JME/S/140522002
Name & Address of Unit	M/s Hind Terminal Pvt. Ltd. Village-Janouli & Baghola Palwal (Haryana)	Format No.	5.10 F-05
		Party Reference No.	NIL
		Reporting Date	28/05/2014
		Receipt Date	22/05/2014
Sample Description	Water (Ground Water from Handpump)	Sampling Date	21/05/2014
Sampling Location	Janouli	Sampling Type	Grab
Client Representative (Name & Designation)	Mr. Ashish Singhal	Preservation	Refrigerated
Sample collected by (Name & Designation)	Mr. Bhagchand Kumawat (Field Asst.)	Sample Quantity	2.0 Ltr. + 200 ml
Latitude	28° 11' 25.3 ' ' N	Parameter Required	As per Work Order
Longitude	77° 20 ' 79.0 ' ' E		
Sampling & Analysis Protocol	IS-10500-2012 & APHA 22nd Edition 2012		

### TEST RESULTS

S.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	7.82	--	6.5 to 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)	3.0	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 <sub>3</sub>	APHA 22nd Edition 2340 C	266.91	mg/l	200	600
7.	Calcium as Ca	APHA 22nd Edition, 3500 Ca B	46.53	mg/l	75	200
8.	Alkalinity as CaCo <sub>3</sub>	APHA 22nd Edition, 2320 B	476.54	mg/l	200	600
9.	Chloride as Cl	APHA 22nd Edition, 4500 Cl-B	516.78	mg/l	250	1000
10.	Residual free Chlorine	APHA 22nd Edition, 3500 Cl-B	BDL (DL 0.2mg/l)	mg/l	0.2	1.0
11.	Cyanide as CN	APHA 22nd Edition, 4500 CN-CD	BDL (DL0.02mg/l)	mg/l	0.05	No Relaxation
12.	Magnesium as Mg	APHA 22nd Edition, 2340 B	36.65	mg/l	30	100
13.	Total Dissolve Solids	APHA 22nd Edition, 2540 C	1482.00	mg/l	500	2000
14.	Sulphate as SO <sub>4</sub>	APHA 22nd Edition, 4500 E	196.54	mg/l	200	400
15.	Fluoride as F	APHA 22nd Edition, 4500-F-D	1.38	mg/l	1.0	1.5
16.	Nitrate as NO <sub>3</sub>	IS 3025 (P-34) 1988	10.20	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 0.03mg/l)	mg/l	0.03	0.2

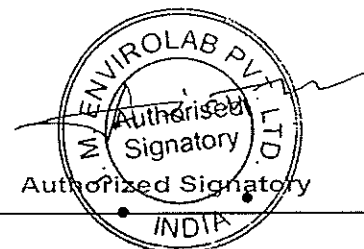
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## TEST REPORT

Sample Number	JME/HT/W/01	Report No.	JME/S/140522002
Name & Address of Unit	M/s Hind Terminal Pvt. Ltd. Village-Janouli & Baghola Palwal (Haryana)	Format No.	5.10 F-05
		Party Reference No.	NIL
		Reporting Date	28/05/2014
		Receipt Date	22/05/2014
Sample Description	Water (Ground Water from Handpump)	Sampling Date	21/05/2014
Sampling Location	Janouli	Sampling Type	Grab
Client Representative (Name & Designation)	Mr. Ashish Singhal	Preservation	Refrigerated
Sample collected by (Name & Designation)	Mr. Bhagchand Kumawat (Field Asst.)	Sample Quantity	2.0 Ltr. + 200 ml
Latitude	28° 11' 25.3 " N	Parameter Required	As per Work Order
Longitude	77° 20' 79.0 " E		
Sampling & Analysis Protocol	IS-10500-2012 & APHA 22nd Edition 2012		

### TEST RESULTS

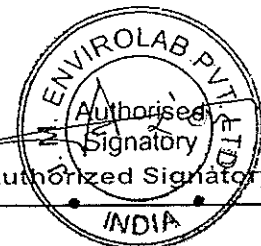
19.	Boron	APHA 22nd Edition, 4500B C	0.34	mg/l	0.50	1.0
20.	Phenolic Compounds	APHA 22nd Edition, 5530 C Photometric method 5530 D	BDL (DL 0.001 mg/l)	mg/l	0.001	0.002
21.	Anionic Detergents as MBAS	APHA, MBAS Method, 5540 C	BDL (DL 0.02 mg/l)	mg/l	0.2	1.0
22.	Hexa Chromium as Cr <sup>+6</sup>	APHA 22nd Edition, 3111 B	BDL (DL 0.01 mg/l)	mg/l	--	--
23.	Zinc as Zn	APHA 22nd Edition, 3111 B	0.26	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 0.1mg/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/100ml	Absent	Absent
32.	E-Coli	IS 1622,1981 (Reaffirmed 2003)	Absent	CFU/100ml	Absent	Absent

\*BDL-Below Detection Limit, DL- Detectable Limit

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## TEST REPORT

Sample Number	JME/HT/W/01	Report No.	JME/W/140609001
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 (Ground water from Handpump)	Reporting Date	13/06/2014
Sampling Location	Village-Janoli	Receipt Date	09/06/2014
Client Representative (Name & Designation)	Mr. Ashok Choudhary (Project In-charge)	Sampling Date	07/06/2014
Sample collected by (Name & Designation)	Mr. M. S. Rathore (Field Asst.)	Sampling Type	Grab
Latitude	28°11'25.8"E	Preservation	Refrigerated
Longitude	077°20'79.2"E	Sample Quantity	2 Ltr.+200ml
Sampling & Analysis Protocol	IS-10500-2012, APHA 22nd Edition 2012	Parameter Required	As per IS 10500

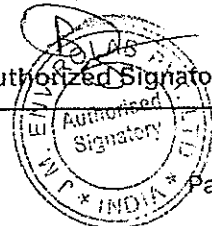
### TEST REPORTS

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	7.95	-		No Relaxation
2	Colour	APHA 22nd Edition, 2120 B	BDL (DL 5Hazen)	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 <sub>3</sub>	APHA 22nd Edition, 2340 C	175.44	mg/l	200	600
7	Calcium as Ca	APHA 22nd Edition, 3500Ca B	26.16	mg/l	75	200
8	Alkalinity as CaCO <sub>3</sub>	APHA 22nd Edition, 2320 B	445.48	mg/l	200	600
9	Chloride as Cl	APHA 22nd Edition, 4500Cl-B	315.36	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	26.77	mg/l	30	100
13	Total Dissolved Solids	APHA 22nd Edition, 2540 C	1380.00	mg/l	500	2000
14	Sulphate as SO <sub>4</sub>	APHA 22nd Edition, 4500 E	118.29	mg/l	200	400

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## TEST REPORT

Sample Number

JME/HT/W/01

Report No.

JME/W/140609001

### TEST REPORTS

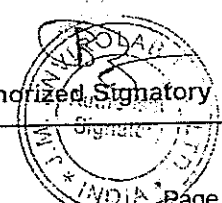
Sl. No.	Parameters	Protocol	Result	Unit	Limits of IS: 10500-2012	
					Desirable Limit (Max)	Permissible Limit in the Absence of Alternate Source (Max)
15	Fluoride as F	APHA 22nd Edition, 4500-F- D	1.96	mg/l	1.0	1.5
16	Nitrate as NO3-N	IS 3025 (P-34) 1988	1.28	mg/l	45	No Relaxation
17	Iron as Fe	APHA 22nd Edition, 3500-Fe B	0.35	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	
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
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/A/01 Report No. JME/A/140609001  
 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 16/06/2014  
 Receipt Date 09/06/2014

General Information  
 Client Representative (Name & Designation) Mr. Ashok Choudhary (Project In-charge)  
 Sample collected by (Name & Designation) Mr. M. S. Rathore  
 Sampling Location Village-Janoli  
 Latitude 28°11'22.0" N  
 Longitude 077°20'72.0E  
 Instrument used RDS and FPS  
 Instrument code JME/RDS/01/01 and JME/FPS/01/04  
 Instrument calibration status Calibrated  
 Meteorological condition during monitoring Clear sky  
 Date of Monitoring 07/06/2014 To 07/06/2014  
 Time of Monitoring 12:00 to 20:00 hrs.  
 Actual duration of Monitoring, (minutes) 486.0  
 Ambient Temperature (°C) Max. 42.5; Min. 27.2  
 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 RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	NAAQS
1	Particulate Matter (PM2.5)	PM2.5 sampler (Gravimetric)	41.79	µg/m3	60
2	Particulate Matter (PM10)	IS: 5182 (P-23), 2006	80.31	µg/m3	100
3	Nitrogen Dioxides (NO2)	IS: 5182 (P-6), 1975 Reaffirmed-1998	22.05	µg/m3	80
4	Sulphur Dioxide (SO2)	IS: 5182 (P-2), 2001	8.58	µg/m3	80
5	Carbon Monoxide (CO)	IS: 5182 (P-10), 1999	BDL(DL-0.50)	mg/m3	4

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

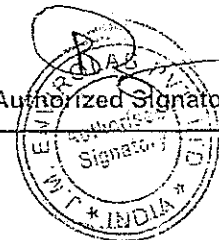
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Checked by *[Signature]*

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## TEST REPORT

Sample Number: JME/HT/AN/01 Report No. JME/AN/140609001  
 Name & Address of Unit: M/s.Hind Terminals Pvt. Ltd. Village-Janoli & Bagholi Palwal (Haryana) Format No. 5.10 F-04

Sample Description: AMBIENT NOISE LEVEL MONITORING Party Reference No. Nil  
 Reporting Date: 16/06/2014  
 Receipt Date: 09/06/2014

**General Information**

Client Representative (Name & Designation): Mr. Ashok Choudhary (Project In-charge)  
 Sample collected by (Name & Designation): Mr. M. S. Rathore  
 Sampling Location: Village-Janoli  
 Latitude: 28°11'22.2" N  
 Longitude: 077°20'89.0E  
 Date of Monitoring: 07/06/2014 To 08/06/2014  
 Time of Monitoring: 12:00 to 12:00  
 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. 42.5; Min. 24.8  
 Surrounding activity: Human and 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	70.40	45.10	dB(A)
2	Lmin	CPCB GuideLines / IS-9989	36.58	34.60	dB(A)
3	Leq	CPCB GuideLines / IS-9989	51.92	42.10	dB(A)
4	CPCB Limits in dB(A) Leq (Residential area)	--	55.00	45.00	dB(A)

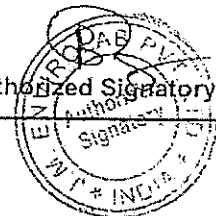
Tested by *Rushal*

Checked by *Roy*

Authorized Signatory

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Approved Environmental & Food Testing Laboratory

Accredited from MoEF-EPA, NABL, MSME, NSIC, ISO 9001 : 2008, ISO 14001 : 2004 & OHSAS 18001 : 2007

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/140609001
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	12/06/2014
Client Representative (Name & Designation)	Mr. Ashok Choudhary (Project In-charge)	Receipt Date	09/06/2014
Sample collected by (Name & Designation)	Mr. Bhagchand Kumawat (Field asst.)	Sampling Date	07/06/2014
Latitude	28°11'49.3" N	Sampling Type	Composite
Longitude	077°20'43.7"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

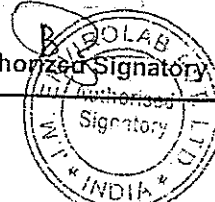
### TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit
1	pH (at 25 OC)(1:2.5 soil water sus.)	IS: 2720 (P-26:1987)	7.53	-
2	Conductivity(1:2soil water sus.)	IS:14767,2000	0.30	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	41.05	%
6	Bulk density	USDA :1954 Reaffirmed 2010 (Page-124)	1.33	gm/cc
7	Chloride	USDA :1954 Reaffirmed 2010(Page-133)	277.37	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	121.83	mg/kg
9	Exchangable Sodium as Na	USDA :1954 Reaffirmed 2010(Page-96)	73.58	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)	340.80	kg./hec.
11	Organic Matter	IS:2720 (P-22, 1972) 2001	0.80	%
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	54.57	mg/kg
13	Nitrogen as N	IS:14684, 1999	207.02	kg./hec.
14	Available Phosphorus	Method manual of soil Testing in	42.37	kg./hec.

Tested by *[Signature]*

Checked by *[Signature]*

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**TEST REPORT**

Sample Number

JME/HT/S/01

Report No.

JME/S/140609001

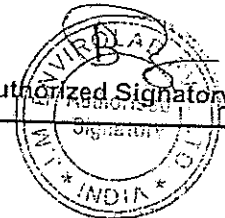
**TEST RESULTS**

Sl. No.	Parameters	Testing Protocol	Result	Unit
14		India, (Dept. of Ag. & Co. Ministry of Ag. Govt. of Ind.) 2011.4.6.3(13)		
15	Total Zinc as Zn	JMELPL/STOP/02(37)	30.07	mg/kg
16	Manganese as Mn	JMELPL/STOP/02(37)	249.01	mg/kg
17	Chromium as Cr	JMELPL/STOP/02(37)	3.57	mg/kg
18	Total Lead as Pb	JMELPL/STOP/02(37)	6.77	mg/kg
19	Total Cadmium as Cd	JMELPL/STOP/02(37)	2.63	mg/kg
20	Total Copper as Cu	JMELPL/STOP/02(37)	23.49	mg/kg

Tested by

Checked by

Authorized Signatory

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## TEST REPORT

Sample Number JME/HT/A/01 Report No. JME/A/140711001  
 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 14/07/2014  
 Receipt Date 11/07/2014

General Information  
 Client Representative (Name & Designation) Mr. Ashok Choudhary (Project In-charge)  
 Sample collected by (Name & Designation) Mr. Ghanshyam Tadav (Field Co-ordinator)  
 Sampling Location Village-Janoli  
 Latitude 28°11'22.0" N  
 Longitude 077°20'72.0 E  
 Instrument used RDS and FPS  
 Instrument code JME/RDS/01/01 and JME/FPS/01/04  
 Instrument calibration status Calibrated  
 Meteorological condition during monitoring Clear sky  
 Date of Monitoring 10/07/2014 To 10/07/2014  
 Time of Monitoring 11:30 to 19:30 hrs.  
 Actual duration of Monitoring, (minutes) 308.4  
 Ambient Temperature (°C) Max. 47.0; Min. 36.0  
 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)	37.38	µg/m <sup>3</sup>	60
2	Particulate Matter (PM10)	IS: 5182 (P-23), 2006	78.05	µg/m <sup>3</sup>	100
3	Nitrogen Dioxides (NO2)	IS: 5182 (P-6), 1975 Reffirmed-1998	21.35	µg/m <sup>3</sup>	80
4	Sulphur Dioxide (SO2)	IS: 5182 (P-2), 2001	8.25	µg/m <sup>3</sup>	80
5	Carbon Monoxide (CO)	IS: 5182 (P-10), 1999	BDL(DL-0.50)	mg/m <sup>3</sup>	4

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

*Tanes*  
 Tested by

*B*  
 Checked by

*B*  
 Authorized Signatory

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## TEST REPORT

Sample Number JME/HT/AN/01 Report No. JME/AN/140711001  
 Name & Address of Unit M/s.Hind Terminals Pvt. Ltd. Format No. 5.10 F-04  
 Village-Janoli & Baghola  
 Palwal (Haryana)

Sample Description AMBIENT NOISE LEVEL MONITORING Party Reference No. Nil  
 Reporting Date 14/07/2014  
 Receipt Date 11/07/2014

### General Information

Client Representative (Name & Designation) Mr. Ashok Choudhary (Project In-charge)  
 Sample collected by (Name & Designation) Mr. Ghanshyam Yadav (Field Co-ordinator)  
 Sampling Location Village-Janoli  
 Latitude 28°11'22.0" N  
 Longitude 077°20'72.0 E  
 Date of Monitoring 10/07/2014 To 11/07/2014  
 Time of Monitoring 11:30 to 11:30 hrs.  
 Instrument used Sound level meter  
 Instrument code JME/SLM01/02  
 Instrument calibration status Calibrated

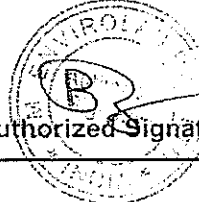
Meteorological condition during monitoring Clear sky  
 Ambient Temperature (°C) Max. 48.0; Min. 31.0  
 Surrounding activity Human and Vehicular activities  
 Scope of Monitoring Regulatory requirement  
 Control measure if Any No  
 Sampling & Analysis Protocol CPCB GuideLines & IS-9989  
 Sampling 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	68.74	48.20	dB(A)
2	Lmin	CPCB GuideLines / IS-9989	38.20	36.10	dB(A)
3	Leq	CPCB GuideLines / IS-9989	53.20	42.10	dB(A)
4	CPCB Limits in dB(A) Leq (Residential area)		55.00	45.00	dB(A)

Tested by *P. Choudhary*

Checked by *[Signature]*

Authorized Signatory *[Signature]*  


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Approved Environmental & Food Testing Laboratory

Accredited from MoEF-EPA, NABL, MSME, NSIC, ISO 9001 : 2008, ISO 14001 : 2004 & OHSAS 18001 : 2007

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

E-mail: [jmenvirolab@hotmail.com](mailto:jmenvirolab@hotmail.com) • Website : [www.jmenvirolab.com](http://www.jmenvirolab.com)

## TEST REPORT

Sample Number	JME/HTW/01	Report No.	JME/W/140711001
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 borewell)	Party Reference No.	NIL
Sampling Location	Village-Janoli	Reporting Date	14/07/2014
Client Representative (Name & Designation)	Mr. Ashok Choudhary (Project In-charge)	Receipt Date	11/07/2014
Sample collected by (Name & Designation)	Mr. Ghanshyam Tadav (Field Co-ordinator)	Sampling Date	10/07/2014
Latitude	28°11'10.5" N	Sampling Type	Grab
Longitude	077°20'49.4 E	Preservation	Refrigerated
Sampling & Analysis Protocol	IS-10500-2012; APHA 22nd Edition 2012	Sample Quantity	2 Ltr. + 200 ml.
		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	7.56	-		No Relaxation
2	Colour	APHA 22nd Edition, 2120 B	BDL (DL 5 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 <sub>3</sub>	APHA 22nd Edition, 2340 C	242.40	mg/l	200	600
7	Calcium as Ca	APHA 22nd Edition, 3500Ca B	25.91	mg/l	75	200
8	Alkalinity as CaCO <sub>3</sub>	APHA 22nd Edition, 2320 B	391.00	mg/l	200	600
9	Chloride as Cl	APHA 22nd Edition, 4500Cl-B	287.15	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  
*[Signature]*  
Analyst

Checked by  
*[Signature]*

Authorized Signatory  
*[Signature]*  
Page No. 1/3

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## TEST REPORT

Sample Number JME/HT/W/01

Report No.

JME/W/140711001

### 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	43.19	mg/l	30	100
13	Total Dissolved Solids	APHA 22nd Edition, 2540 C	1240.00	mg/l	500	2000
14	Sulphate as SO <sub>4</sub>	APHA 22nd Edition, 4500 E	144.08	mg/l	200	400
15	Fluoride as F	APHA 22nd Edition, 4500-F- D	1.98	mg/l	1.0	1.5
16	Nitrate as NO <sub>3</sub> -N	IS 3025 (P-34) 1988	1.20	mg/l	45	No Relaxation
17	Iron as Fe	APHA 22nd Edition, 3500-Fe B	0.28	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	
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

Tested by  
Sameekha Rajput  
(Analyst)

Checked by

Authorized Signatory

Page No. 2/3

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

## TEST REPORT

Sample Number **JME/HT/W/01** Report No. **JME/W/140711001**

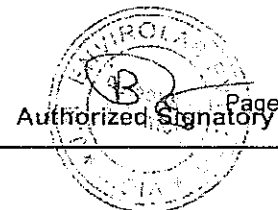
### TEST RESULTS

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

Tested by  
*Sanjay Rajput*

Checked by



Authorized Signatory Page No. 3/3

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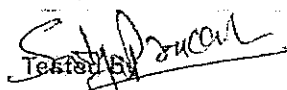
## TEST REPORT

Sample Number	JME/HT/S/01	Report No.	JME/S/140711001
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	12/07/2014
Client Representative (Name & Designation)	Mr. Ashok Choudhary (Project In-charge)	Receipt Date	11/07/2014
Sample collected by (Name & Designation)	Mr. Ghanshyam Tadav (Field Co-ordinator)	Sampling Date	10/07/2014
Latitude	28°11'26.0" N	Sampling Type	Composite
Longitude	077°20'30.3 E	Sample Quantity	2 kg.
Sampling & Analysis Protocol	IS-2720, USDA, Method Manual of Soil Testing in Ind.	Depth of Sampling	30 cm.
		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)	7.83	-
2	Conductivity(1:2soil water sus.)	IS:14767,2000	0.54	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	39.51	%
6	Bulk density	USDA :1954 Reaffirmed 2010 (Page-124)	1.37	gm/cc
7	Chloride	USDA :1954 Reaffirmed 2010(Page-133)	318.60	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	145.73	mg/kg
9	Exchangable Sodium as Na	USDA :1954 Reaffirmed 2010(Page-96)	89.02	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)	360.21	kg./hec.
11	Organic Matter	IS:2720 (P-22, 1972) 2001	0.81	%
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	63.86	mg/kg
13	Nitrogen as N	IS:14684, 1999	208.78	kg./hec.
14	Available Phosphorus	Method manual of soil Testing in	47.86	kg./hec

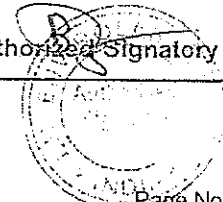
Tested by 

Checked by

Authorized Signatory 

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5. The sample will be destroyed after a certain time limit unless otherwise specified specially.
6. End use of the product tested by the laboratory is neither inferred nor implied.
7. All disputes are subject to exclusive jurisdiction of a civil court only.



**TEST REPORT**

Sample Number

JME/HT/S/01

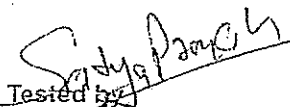
Report No.

JME/S/140711001

**TEST RESULTS**

Sl. No.	Parameters	Testing Protocol	Result	Unit
14		India, (Dept. of Ag. & Co. Ministry of Ag. Govt. of Ind.) 2011.4.6.3(13)		
15	Total Zinc as Zn	JMELPL/STOP/02(37)	36.30	mg/kg
16	Manganese as Mn	JMELPL/STOP/02(37)	231.18	mg/kg
17	Chromium as Cr	JMELPL/STOP/02(37)	2.96	mg/kg
18	Total Lead as Pb	JMELPL/STOP/02(37)	7.61	mg/kg
19	Total Cadmium as Cd	JMELPL/STOP/02(37)	2.10	mg/kg
20	Total Copper as Cu	JMELPL/STOP/02(37)	26.75	mg/kg

Tested by



Checked by



Authorized Signatory

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11/07/14

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

Sample Number	JME/HT/W/01	Report No.	JME/W/140809001
Name & Address of Unit	M/s.Hind Terminals Pvt. Ltd. Village-Janoli & Baghola Palwal (Haryana)	Format No.	5.10 F-01

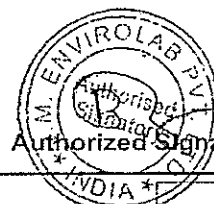
Sample Description	WATER (Borewell)	Party Reference No.	Nil
Sampling Location	Village-Janoli	Reporting Date	13/08/2014
Client Representative (Name & Designation)	Mr. Ashok Choudhary (Project In-charge)	Receipt Date	09/08/2014
Sample collected by (Name & Designation)	Mr. L.P. Singh (Field Co-Ordinator)	Sampling Date	08/08/2014
Latitude	28°11'10.6"E	Sampling Type	Grab
Longitude	077°20'49.2"E	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	7.69	-		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 <sub>3</sub>	APHA 22nd Edition, 2340 C	302.94	mg/l	200	600
7	Calcium as Ca	APHA 22nd Edition, 3500Ca B	32.71	mg/l	75	200
8	Alkalinity as CaCO <sub>3</sub>	APHA 22nd Edition, 2320 B	410.26	mg/l	200	600
9	Chloride as Cl	APHA 22nd Edition, 4500Cl-B	269.14	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 *[Signature]*

Checked by *[Signature]*



Page No. 1/3

Authorized Signatory

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## TEST REPORT

Sample Number	JME/HT/S/01	Report No.	JME/S/140809001
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	14/08/2014
Client Representative (Name & Designation)	Mr. Ashish Singhal	Receipt Date	09/08/2014
Sample collected by (Name & Designation)	Mr. L.P Singh (Field Co-ordinator)	Sampling Date	08/08/2014
Latitude	28°10'15.5" N	Sampling Type	Composite
Longitude	077°20'28.6"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 RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit
1	pH (at 25 °C)(1:2.5 soil water sus.)	IS : 2720 (P-26,1987)	7.55	-
2	Conductivity(1:2soil water sus.)	IS:14767,2000	0.51	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	38.10	%
6	Bulk density	USDA :1954 Reaffirmed 2010 (Page-121)	1.32	gm/cc
7	Chloride	USDA :1954 Reaffirmed 2010(Page-133)	309.50	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	142.50	mg/kg
9	Exchangable Sodium as Na	USDA :1954 Reaffirmed 2010(Page-96)	90.02	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)	355.21	kg./hec.
11	Organic Matter	IS:2720 (P-22, 1972) 2001	0.78	%
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	62.55	mg/kg
13	Nitrogen as N	IS:14684, 1999	205.58	kg./hec.
14	Available Phosphorus	Method manual of soil Testing in	45.86	kg./hec.

KANAK KUMARI  
Analyst  
Tested by

Checked by

Authorized Signatory

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5. The sample will be destroyed after retention time unless otherwise specified specifically.
6. Endorsement of the product tested by the laboratory is neither inferred nor implied.
7. All disputes are subject to exclusive jurisdiction of Indian courts only.

**TEST REPORT**

Sample Number

JME/HT/S/01

Report No.

JME/S/140809001

**TEST RESULTS**

Sl. No.	Parameters	Testing Protocol	Result	Unit
14		India.(Dept. of Ag.& Co.Ministry of Ag.Govt.of Ind.)2011.4.6.3(13)		
15	Total Zinc as Zn	JMELPL/STOP/02(37)	34.30	mg/kg
16	Manganese as Mn	JMELPL/STOP/02(37)	228.10	mg/kg
17	Chromium as Cr	JMELPL/STOP/02(37)	2.50	mg/kg
18	Total Lead as Pb	JMELPL/STOP/02(37)	7.05	mg/kg
19	Total Cadmium as Cd	JMELPL/STOP/02(37)	1.90	mg/kg
20	Total Copper as Cu	JMELPL/STOP/02(37)	25.90	mg/kg

Kamini Kumari  
Analyst  
Tested by

[Signature]  
Checked by

[Signature]  
Authorized Signatory

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## TEST REPORT

Sample Number: JME/HTPVIAN/01 Report No.: JME/AN/140809001  
 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: 14/08/2014  
 Receipt Date: 09/08/2014

### General Information

Client Representative (Name & Designation): Mr. Ashish Singhal  
 Sample collected by (Name & Designation): Mr. L.P Singh  
 Sampling Location: Village- Janoli  
 Latitude: 28°11'13.6"N  
 Longitude: 77°21'05.6"E  
 Date of Monitoring: 08/08/2014 To 09/08/2014  
 Time of Monitoring: 06:00 to 06:00  
 Instrument used: SLM  
 Instrument code: JME/SLM/01/02  
 Instrument calibration status: Calibrated  
 Meteorological condition during monitoring: Cloudy sky  
 Ambient Temperature (°C): Min.-34.9 Max. 26.7  
 Surrounding activity: Human & Vehicular Activities  
 Scope of Monitoring: Regulatory Requirement  
 Control measure if Any: No  
 Sampling & Analysis Protocol: CPCB GuideLines & IS-9989  
 Sampling Duration: 24.0 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	66.50	48.20	dB(A)
2	Lmin	CPCB GuideLines / IS-9989	40.20	38.20	dB(A)
3	Leq	CPCB GuideLines / IS-9989	53.40	44.20	dB(A)
4	CPCB Limits in dB(A) Leq (Residential area)	--	55.00	45.00	dB(A)

*(Signature)*  
 Tested by Analyst

*(Signature)*  
 Checked by

*(Signature)*  
 Authorized Signatory

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## TEST REPORT

Sample Number JME/HT/A/01 Report No. JME/A/140809004  
 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 14/08/2014  
 Receipt Date 09/08/2014

**General Information**  
 Client Representative (Name & Designation) Mr. Ashish Singhal  
 Sample collected by (Name & Designation) Mr. L.P Singh (Co-Ordinator)  
 Sampling Location Village- Janoli  
 Latitude 28°11'10.6"N  
 Longitude 077°20'49.2"E  
 Instrument used RDS with 2.5 Sampling attachment  
 Instrument code JME/RDS/01/04 With attached 2.5  
 Instrument calibration status Calibrated  
 Meteorological condition during monitoring Cloudy sky  
 Date of Monitoring 08/08/2014 To 08/08/2014  
 Time of Monitoring 12:15 to 20:10 Hrs.  
 Actual duration of Monitoring. (minutes) 473:4  
 Ambient Temperature (°C) Max. 34.9; Min. 30.8  
 Surrounding activity Human & 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)	30.20	µg/m <sup>3</sup>	60
2	Particulate Matter (PM10)	IS: 5182 (P-23), 2006	70.10	µg/m <sup>3</sup>	100
3	Nitrogen Dioxides (NO2)	IS: 5182 (P-6), 1975 Reaffirmed-1998	18.20	µg/m <sup>3</sup>	80
4	Sulphur Dioxide (SO2)	IS: 5182 (P-2), 2001	8.10	µg/m <sup>3</sup>	80
5	Carbon Monoxide (CO)	IS: 5182 (P-10), 1999	BDL(DL 0.50) mg/m <sup>3</sup>	mg/m <sup>3</sup>	4

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

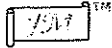
*(Diyobhi Palsaniya)*  
 Tested by Analyst

*[Signature]*  
 Checked by

*[Signature]*  
 Authorized Signatory

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# J.M. EnviroLab Pvt. Ltd.

INTERNATIONAL ENVIRONMENTAL RESEARCH AND DEVELOPMENT CENTRE

Environmental, Mineral & Food Testing Laboratory  
Accredited from MoEF-EPA (Govt. of India), NABL, MSME, NSIC, ISO 9001 : 2008, ISO 14001 : 2004 & OHSAS 18001 : 2007  
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/W/01** Report No. **JME/W/140809001**

### 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	53.78	mg/l	30	100
13	Total Dissolved Solids	APHA 22nd Edition, 2540 C	1286.00	mg/l	500	2000
14	Sulphate as SO <sub>4</sub>	APHA 22nd Edition, 4500 E	158.22	mg/l	200	400
15	Fluoride as F	APHA 22nd Edition, 4500-F-D	1.95	mg/l	1.0	1.5
16	Nitrate as NO <sub>3</sub> -N	IS 3025 (P-34) 1988	1.24	mg/l	45	No Relaxation
17	Iron as Fe	APHA 22nd Edition, 3500-Fe B	0.30	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	0.43	mg/l	0.50	
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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Page No. 2/3

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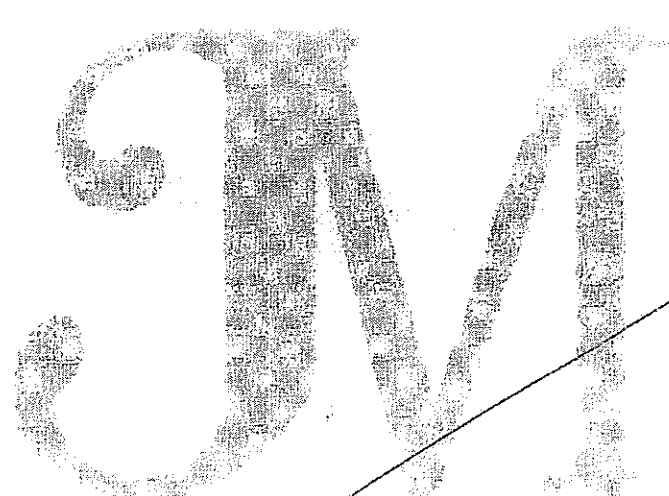
**TEST REPORT**

Sample Number **JME/HT/W/01** Report No. **JMEW/140809001**

**TEST RESULTS**

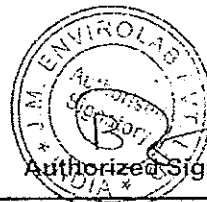
Sl. No.	Parameters	Testing Protocol	Result	Unit	Limits of IS: 10500-2012	
					Desirable Limit (Max)	Permissible Limit in the Absence of Alternate Source (Max)
32	E-Coli	IS 1622,1981 (Reaffirmed 2003)	Absent	CFU/100ml	Absent	Absent

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



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*[Signature]*

Checked by  
*[Signature]*



Page No. 3/3

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