

by Speed Post



ENGINEERING DEPARTMENT
(NORTH CAMPUS)
UNIVERSITY OF DELHI
DELHI - 110007
PHONE: 27667157, 27667725-EXT.1700-1705
FAX NO: 911 - 27666007

REF. NO. UE/3539 /DU/C-328 (2013-14) DATED: 19.09.2013

The Secretary
Delhi Pollution Control Committee
4th floor, ISBT building
Kashmere Gate
Delhi-110006

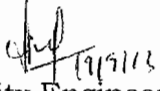
Sub: Development of Infrastructure facilities for Institutional buildings at Delhi University - Submission of periodic Environmental monitoring reports- Construction phase.

Dear Sir,

With reference to the SEIAA approval letter No. F.No. 82/DPCC/SEIAA-SEAC/10/2545-2549 dt. 16.03.2012, enclosed please find herewith the original copies of Environmental Monitoring Reports (23 sheets) for the environment monitoring conducted at respective construction sites of Institutional buildings project for the period June 2013 to August 2013, which has been conducted by M/s EKO Pro Engineers Pvt. Ltd. accredited and MoEF approved lab and in-line with DPCC requirement.

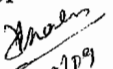
Thanking you,

Yours faithfully


University Engineer

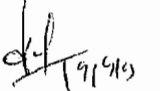
Encl: Environmental Monitoring Reports (23 Sheets)

8/11

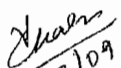

19/09

Copy to:

1. Advisor (Infrastructure) for information please.
2. Dean, (Works) for information please.
3. Site Incharge, M/s EIL for information & necessary action please.


University Engineer

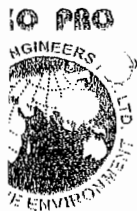
8/11


19/09

Annexure- A

SL. No	Location	Report Code	Report Title
1.	Examination building	40030081309	Ambient Air Analysis Report
2.	Chemistry building	40030081308	
3.	Botany building	40031081305	
4.	Art & Social Science building	40031081306	
5.	Dhaka Labour Camp	40031081307	
6.	Chemistry building	30031081306	Stack Emission Analysis Report
7.	Art & Social Science building	30031081308	
8.	Dhaka Labour Camp (62.5 KVA DG Set)	30031081307	
9.	Dhaka Labour Camp (125 KVA DG Set)	30031081309	Illumination Monitoring Report
10.	Chemistry building	110002091322	
11.	Botany building	110002091321	
12.	Examination building	110002091323	
13.	Art & Social Science building	110002091325	
14.	Dhaka Labour Camp	110002091324	Noise Monitoring Report
15.	Chemistry building-Ambient Noise	70030081322	
16.	Chemistry building-DG Noise	70031081311	
17.	Botany building-Ambient Noise	70031081306	
18.	Examination building	70030081323	
19.	Art & Social Science building DG Noise	70031081310	
20.	Art & Social Science building - Ambient Noise	70031081307	
21.	Dhaka Labour Camp	70031081308	
22.	Dhaka Labour Camp-DG Noise (62.5 KVA)	70031081309	
23.	Dhaka Labour Camp- DG Noise (125 KVA)	70031081312	


 (SHAILENDRA)



Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)
(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Ambient Air Quality Analysis

Report Code : 40030081309

Issue Date : 04/09/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Ambient Air
Sample Drawn on : 29/08/2013 To 30/08/2013
Sample Drawn By : EPEPL (Mr. Alok)
Sample Received on : 30/08/2013
Sampling Location : Near Examination Building
Sampling Plan & Procedure : SOP-AAQ/15
Analysis Duration : 30/08/2013 To 03/09/2013
Sampling Time : 24 Hrs.
Ambient Temperature (deg°C) : 32.0
Average Flow Rate of SPM (m³/min.) : 1.1
Average Flow Rate of Gases (lpm.) : 1.0
Weather Conditions : Clear

RESULTS

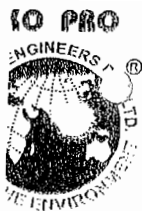
S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Particulate Matter (PM ₁₀)	IS : 5182 (P-23)	142.6	µg/m ³
2	Particulate Matter (PM _{2.5})	SOP-AAQ/89/01	62.5	µg/m ³
3	Sulphur dioxide (as SO ₂)	IS : 5182 (P-2) Improved West & Geake	13.6	µg/m ³
4	Nitrogen dioxide (as NO _x)	IS : 5182 (P-6)	29.6	µg/m ³
5	Carbon monoxide (as CO)	IS : 5182 (P-10)	< 1.15	mg/m ³
	Grab Sampling			
6	Lead (as Pb)	IS : 5182 (P-22)	< 0.1	µg/m ³
7	Nickel (as Ni)	SOP-AAQ/89/02	< 15.0	ng/m ³
8	Arsenic (as As)	SOP-AAQ/89/03	< 5.0	ng/m ³
9	Ozone (as O ₃)	IS : 5182 (P-9)/Chemical Method	< 10.0	µg/m ³
10	Ammonia (as NH ₃)	APHA - AIR Indophenol Blue Method	< 20.0	µg/m ³
11	Benzene (as C ₆ H ₆)	IS : 5182 (P-11)	< 1.0	µg/m ³
12	Benzo (α) Pyrene-Particulate Phase	IS : 5182 (P-12)	< 1.0	ng/m ³

End of Report

Notes :

- The results given above are related to the tested sample, for various parameters, as observed at the time of Sampling. The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.
- Responsibility of the Laboratory is limited to the invoiced amount only.





Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: lab@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Tel/fax : 493-120-2867934, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT**Ambient Air Quality Analysis**

Report Code : 40030081308

Issue Date : 04/09/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Ambient Air
Sample Drawn on : 29/08/2013 To 30/08/2013
Sample Drawn By : EPEPL (Mr. Alok)
Sample Received on : 30/08/2013
Sampling Location : Near Chemistry Building
Sampling Plan & Procedure : SOP-AAQ/15
Analysis Duration : 30/08/2013 To 03/09/2013
Sampling Time : 24 Hrs.
Ambient Temperature (deg°C) : 32.0
Average Flow Rate of SPM (m³/min.) : 1.1
Average Flow Rate of Gases (lpm.) : 1.0
Weather Conditions : Clear

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Particulate Matter (PM ₁₀)	IS : 5182 (P-23)	119.4	µg/m ³
2	Particulate Matter (PM _{2.5})	SOP-AAQ/89/01	71.4	µg/m ³
3	Sulphur dioxide (as SO ₂)	IS : 5182 (P-2) Improved West & Geake	12.4	µg/m ³
4	Nitrogen dioxide (as NO _x)	IS : 5182 (P-6)	29.4	µg/m ³
5	Carbon monoxide (as CO) Grab Sampling	IS : 5182 (P-10)	< 1.15	mg/m ³
6	Lead (as Pb)	IS : 5182 (P-22)	< 0.1	µg/m ³
7	Nickel (as Ni)	SOP-AAQ/89/02	< 15.0	ng/m ³
8	Arsenic (as As)	SOP-AAQ/89/03	< 5.0	ng/m ³
9	Ozone (as O ₃)	IS : 5182 (P-9)/Chemical Method	< 10.0	µg/m ³
10	Ammonia (as NH ₃)	APHA - AIR Indophenol Blue Method	< 20.0	µg/m ³
11	Benzene (as C ₆ H ₆)	IS : 5182 (P-11)	< 1.0	µg/m ³
12	Benzo (α) Pyrine-Particulate Phase only	IS : 5182 (P-12)	< 1.0	ng/m ³

****End of Report******Notes :**

- The results given above are related to the tested sample, for various parameters, as observed at the time of Sampling. The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.
- Responsibility of the Laboratory is limited to the invoiced amount only.





Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, H.P. IDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax: +91-120-2867934, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT**Ambient Air Quality Analysis**

Report Code : 40031081305

Issue Date : 05/09/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Ambient Air
Sample Drawn on : 30/08/2013 To 31/08/2013
Sample Drawn By : EPEPL (Mr. Anuj)
Sample Received on : 31/08/2013
Sampling Location : Near Botany Building
Sampling Plan & Procedure : SOP-AAQ/15
Analysis Duration : 31/08/2013 To 04/09/2013
Sampling Time : 24 Hrs.
Ambient Temperature (deg°C) : 31.0
Average Flow Rate of SPM (m³/min.) : 1.1
Average Flow Rate of Gases (lpm.) : 1.0
Weather Conditions : Clear

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Particulate Matter (PM ₁₀)	IS : 5182 (P-23)	139.3	µg/m ³
2	Particulate Matter (PM _{2.5})	SOP-AAQ/89/01	68.6	µg/m ³
3	Sulphur dioxide (as SO ₂)	IS : 5182 (P-2) Improved West & Geake	14.3	µg/m ³
4	Nitrogen dioxide (as NO _x)	IS : 5182 (P-6)	25.2	µg/m ³
5	Carbon monoxide (as CO) Grab Sampling	IS : 5182 (P-10)	< 1.15	mg/m ³
6	Lead (as Pb)	IS : 5182 (P-22)	< 0.1	µg/m ³
7	Nickel (as Ni)	SOP-AAQ/89/02	< 15.0	ng/m ³
8	Arsenic (as As)	SOP-AAQ/89/03	< 5.0	ng/m ³
9	Ozone (as O ₃)	IS : 5182 (P-9)/Chemical Method	< 10.0	µg/m ³
10	Ammonia (as NH ₃)	APHA - AIR Indophenol Blue Method	< 20.0	µg/m ³
11	Benzene (as C ₆ H ₆)	IS : 5182 (P-11)	< 1.0	µg/m ³
12	Benzo (α) Pyrine-Particulate Phase only	IS : 5182 (P-12)	< 1.0	ng/m ³

****End of Report******Notes :**

- The results given above are related to the tested sample, for various parameters, as observed at the time of Sampling. The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.
- Responsibility of the Laboratory is limited to the invoiced amount only.





Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)
(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Teletax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Ambient Air Quality Analysis

Report Code : 40031081306

Issue Date : 05/09/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Ambient Air
Sample Drawn on : 30/08/2013 To 31/08/2013
Sample Drawn By : EPEPL (Mr. Anuj)
Sample Received on : 31/08/2013
Sampling Location : Near Art & Social Science Building
Sampling Plan & Procedure : SOP-AAQ/15
Analysis Duration : 31/08/2013 To 04/09/2013
Sampling Time : 24 Hrs.
Ambient Temperature (deg°C) : 31.0
Average Flow Rate of SPM (m³/min.) : 1.1
Average Flow Rate of Gases (lpm.) : 1.0
Weather Conditions : Clear

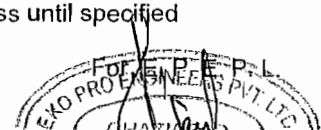
RESULTS

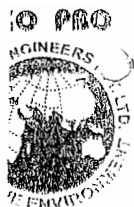
S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Particulate Matter (PM ₁₀)	IS : 5182 (P-23)	110.4	µg/m ³
2	Particulate Matter (PM _{2.5})	SOP-AAQ/89/01	70.4	µg/m ³
3	Sulphur dioxide (as SO ₂)	IS : 5182 (P-2) Improved West & Geake	13.4	µg/m ³
4	Nitrogen dioxide (as NO _x)	IS : 5182 (P-6)	26.4	µg/m ³
5	Carbon monoxide (as CO) Grab Sampling	IS : 5182 (P-10)	< 1.15	mg/m ³
6	Lead (as Pb)	IS : 5182 (P-22)	< 0.1	µg/m ³
7	Nickel (as Ni)	SOP-AAQ/89/02	< 15.0	ng/m ³
8	Arsenic (as As)	SOP-AAQ/89/03	< 5.0	ng/m ³
9	Ozone (as O ₃)	IS : 5182 (P-9)/Chemical Method	< 10.0	µg/m ³
10	Ammonia (as NH ₃)	APHA - AIR Indophenol Blue Method	< 20.0	µg/m ³
11	Benzene (as C ₆ H ₆)	IS : 5182 (P-11)	< 1.0	µg/m ³
12	Benzo (α) Pyrene-Particulate Phase only	IS : 5182 (P-12)	< 1.0	ng/m ³

End of Report

Notes :

- The results given above are related to the tested sample, for various parameters, as observed at the time of Sampling. The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.
- Responsibility of the Laboratory is limited to the invoiced amount only.





Contact : +91 - 9810249370

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)
(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G.T. Road, HSIIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: lab@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Ambient Air Quality Analysis

Report Code : 40031081307

Issue Date : 05/09/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Ambient Air
Sample Drawn on : 30/08/2013 To 31/08/2013
Sample Drawn By : EPEPL (Mr. Anuj)
Sample Received on : 31/08/2013
Sampling Location : Near Labour Camp (Dhaka)
Sampling Plan & Procedure : SOP-AAQ/15
Analysis Duration : 31/08/2013 To 04/09/2013
Sampling Time : 24 Hrs.
Ambient Temperature (deg°C) : 31.0
Average Flow Rate of SPM (m³/min.) : 1.1
Average Flow Rate of Gases (lpm.) : 1.0
Weather Conditions : Clear

RESULTS

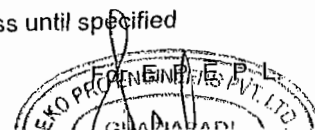
S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Particulate Matter (PM ₁₀)	IS : 5182 (P-23)	154.4	µg/m ³
2	Particulate Matter (PM _{2.5})	SOP-AAQ/89/01	85.4	µg/m ³
3	Sulphur dioxide (as SO ₂)	IS : 5182 (P-2) Improved West & Geake	19.5	µg/m ³
4	Nitrogen dioxide (as NO _x)	IS : 5182 (P-6)	40.5	µg/m ³
5	Carbon monoxide (as CO)	IS : 5182 (P-10)	< 1.15	mg/m ³
	Grab Sampling			
6	Lead (as Pb)	IS : 5182 (P-22)	< 0.1	µg/m ³
7	Nickel (as Ni)	SOP-AAQ/89/02	< 15.0	ng/m ³
8	Arsenic (as As)	SOP-AAQ/89/03	< 5.0	ng/m ³
9	Ozone (as O ₃)	IS : 5182 (P-9)/Chemical Method	< 10.0	µg/m ³
10	Ammonia (as NH ₃)	APHA - AIR Indophenol Blue Method	< 20.0	µg/m ³
11	Benzene (as C ₆ H ₆)	IS : 5182 (P-11)	< 1.0	µg/m ³
12	Benzo (α) Pyrene-Particulate Phase	IS : 5182 (P-12)	< 1.0	ng/m ³

only

End of Report

Notes :

- The results given above are related to the tested sample, for various parameters, as observed at the time of Sampling.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.
- Responsibility of the Laboratory is limited to the invoiced amount only.





Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)
(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC, Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: lahse@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Stack Emission Analysis

Report Code : 30031081306

Issue Date : 04/09/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Stack Emission (UJL/G01-2/12)
Sample Drawn on : 30/08/2013
Sample Drawn By : EPEPL (Mr. Ranjeet)
Sample Received on : 31/08/2013
Time of Sampling (Minutes) : 30
Sampling Plan & Procedure : SOP-SE/09
Sampling Location : Chemistry Building
Analysis Duration : 31/08/2013 To 03/09/2013
Source of Emission : Stack Attached To D.G. Set
Capacity : 125 KVA
Operating Load : Normal
Normal Operation Schedule : As per requirement
Type of Stack : Metal/Circular
Diameter of Stack (meter) : 0.12
Height of Stack from Ground Level (meter) : 3.1
Height of Stack from Roof Level (meter) : -
Height of Sampling Location (meter) : Sampling done from Top of the Stack
Type of Fuel Used : HSD
Fuel Consumed per Hour : 8.0 lph
Ambient Temperature (deg.C) : 31.0
Stack Temperature (deg.C) : 116.0
Average Velocity of Flue Emission (m/sec) : 12.4
Average Flow Rate (lpm) : 18.1
Control Measures (if any) : Nil
Remark (if any) : At the time of sampling Temporary Platform provided by the customer

RESULTS

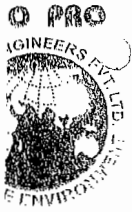
S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Particulate Matter (PM)	Gravimetric Method	38.7	mg/Nm ³
2	Sulphur dioxide (as SO ₂)	Titrametric Method	18.0	mg/Nm ³
3	Oxides of Nitrogen (as NO _x)	Spectrophotometric Method	56.4	mg/Nm ³
4	Carbon monoxide (as CO)	Orsat Method	< 0.2	% v/v
5	Lead (as Pb)	AAS Method	< 1.0	mg/Nm ³
6	Hydrocarbon (as HC)	APHA -AIR	< 1.0	mg/Nm ³

** End of Report **

Notes :

- The results given above are related to the tested sample, for various parameters, as observed at the time of sampling.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after two weeks from the date of issued of test report, unless until specified by the customer.
- Responsibility of the Laboratory is limited to the invoiced amount only.

EKO PRO ENGINEERS PVT. LTD.



Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.
(Analytical Division)
(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: lab@ekopro.in, ekoproengineers@gmail.com, epepl@ekopro.in, epepl@yaho.com, www.ekopro.in,
Telefax: +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Stack Emission Analysis

Report Code : 30031081308

Issue Date : 04/09/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Stack Emission (U/L/G01-2/83)
Sample Drawn on : 30/08/2013
Sample Drawn By : EPEPL (Mr. Ranjeet)
Sample Received on : 31/08/2013
Time of Sampling (Minutes) : 30
Sampling Plan & Procedure : SOP-SE/09
Sampling Location : Art & Social Science Building
Analysis Duration : 31/08/2013 To 03/09/2013
Source of Emission : Stack Attached To D.G. Set
Capacity : 62.5 KVA
Operating Load : Normal
Normal Operation Schedule : As per requirement
Type of Stack : Metal/Circular
Diameter of Stack (meter) : 0.09
Height of Stack from Ground Level (meter) : 2.8
Height of Stack from Roof Level (meter) : -
Height of Sampling Location (meter) : Sampling done from Top of the Stack
Type of Fuel Used : HSD
Fuel Consumed per Hour : 5.0 lph
Ambient Temperature (deg.C) : 31.0
Stack Temperature (deg.C) : 98.0
Average Velocity of Flue Emission (m/sec) : 12.4
Average Flow Rate (lpm) : 18.9
Control Measures (if any) : Nil
Remark (if any) : At the time of sampling Temporary Platform provided by the customer

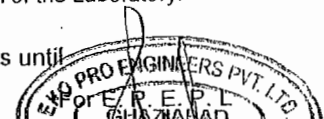
RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Particulate Matter (PM)	Gravimetric Method	31.6	mg/Nm ³
2	Sulphur dioxide (as SO ₂)	Titrametric Method	13.2	mg/Nm ³
3	Oxides of Nitrogen (as NO _x)	Spectrophotometric Method	38.7	mg/Nm ³
4	Carbon monoxide (as CO)	Orsat Method	< 0.2	% v/v
5	Lead (as Pb)	AAS Method	< 1.0	mg/Nm ³
6	Hydrocarbon (as HC)	APHA -AIR	< 1.0	mg/Nm ³

** End of Report **

Notes :

- The results given above are related to the tested sample, for various parameters, as observed at the time of sampling. The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after two weeks from the date of issued of test report, unless until specified by the customer.
- Responsibility of the Laboratory is limited to the invoiced amount only.





Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)
(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32741, South Side of G. I. Road, HPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: lab@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Stack Emission Analysis

Report Code : 30031081307

Issue Date : 04/09/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Stack Emission (UIL/G01-2/62)
Sample Drawn on : 30/08/2013
Sample Drawn By : EPEPL (Mr. Ranjeet)
Sample Received on : 31/08/2013
Time of Sampling (Minutes) : 30
Sampling Plan & Procedure : SOP-SE/09
Sampling Location : Labour Camp (Dhaka)
Analysis Duration : 31/08/2013 To 03/09/2013
Source of Emission : Stack Attached To D.G. Set
Capacity : 62.5 KVA
Operating Load : Normal
Normal Operation Schedule : As per requirement
Type of Stack : Metal/Circular
Diameter of Stack (meter) : 0.1
Height of Stack from Ground Level (meter) : 3.2
Height of Stack from Roof Level (meter) : -
Height of Sampling Location (meter) : Sampling done from Top of the Stack
Type of Fuel Used : HSD
Fuel Consumed per Hour : 6.0 lph
Ambient Temperature (deg.C) : 31.0
Stack Temperature (deg.C) : 103.0
Average Velocity of Flue Emission (m/sec) : 11.2
Average Flow Rate (lpm) : 16.9
Control Measures (if any) : Nil
Remark (if any) : At the time of sampling Temporary Platform provided by the customer

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Particulate Matter (PM)	Gravimetric Method	27.6	mg/Nm ³
2	Sulphur dioxide (as SO ₂)	Titrametric Method	10.0	mg/Nm ³
3	Oxides of Nitrogen (as NO _x)	Spectrophotometric Method	40.2	mg/Nm ³
4	Carbon monoxide (as CO)	Orsat Method	< 0.2	% v/v
5	Lead (as Pb)	AAS Method	< 1.0	mg/Nm ³
6	Hydrocarbon (as HC)	APHA -AIR	< 1.0	mg/Nm ³

** End of Report **

Notes :

- The results given above are related to the tested sample, for various parameters, as observed at the time of sampling. The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after two weeks from the date of issued of test report, unless until specified by the customer.
- Responsibility of the Laboratory is limited to the invoiced amount only.





Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, HPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT**Stack Emission Analysis**

Report Code : 30031081309

Issue Date : 04/09/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Stack Emission (UIL/G01-2/89)
Sample Drawn on : 30/08/2013
Sample Drawn By : EPEPL (Mr. Ranjeet)
Sample Received on : 31/08/2013
Time of Sampling (Minutes) : 30
Sampling Plan & Procedure : SOP-SE/09
Sampling Location : Labour Camp (Dhaka)
Analysis Duration : 31/08/2013 To 03/09/2013
Source of Emission : Stack Attached To D.G. Set
Capacity : 125 KVA
Operating Load : Normal
Normal Operation Schedule : As per requirement
Type of Stack : Metal/Circular
Diameter of Stack (meter) : 0.11
Height of Stack from Ground Level (meter) : 3.1
Height of Stack from Roof Level (meter) : -
Height of Sampling Location (meter) : Sampling done from Top of the Stack
Type of Fuel Used : HSD
Fuel Consumed per Hour : 8.0 lph
Ambient Temperature (deg.C) : 31.0
Stack Temperature (deg.C) : 122.0
Average Velocity of Flue Emission (m/sec) : 13.4
Average Flow Rate (lpm) : 19.2
Control Measures (if any) : Nil
Remark (if any) : At the time of sampling Temporary Platform provided by the customer

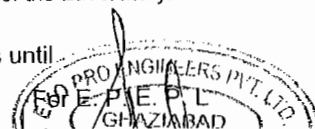
RESULTS

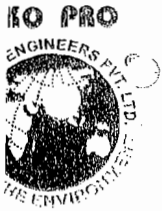
S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Particulate Matter (PM)	Gravimetric Method	43.4	mg/Nm ³
2	Sulphur dioxide (as SO ₂)	Titrametric Method	19.6	mg/Nm ³
3	Oxides of Nitrogen (as NO _x)	Spectrophotometric Method	59.3	mg/Nm ³
4	Carbon monoxide (as CO)	Orsat Method	< 0.2	% v/v
5	Lead (as Pb)	AAS Method	< 1.0	mg/Nm ³
6	Hydrocarbon (as HC)	APHA -AIR	< 1.0	mg/Nm ³

** End of Report **

Notes :

- The results given above are related to the tested sample, for various parameters, as observed at the time of sampling. The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after two weeks from the date of issued of test report, unless until specified by the customer.
- Responsibility of the Laboratory is limited to the invoiced amount only.





Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.
(Analytical Division)
(An ISO 9001: 2008 Certified Company)

Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC, Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Illumination Monitoring

Report Code : 110002091322

Issue Date : 04/09/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Light Intensity (LUX)
Sample Drawn On : 31/08/2013
Sample Drawn by : EPEPL (Mr. Sunil)
Sample Received On : 02/09/2013
Sampling Location : Chemistry Building
Sampling Plan & Procedure : SOP-M/02
Environmental Conditions : Normal
Analysis Duration : 03/09/2013

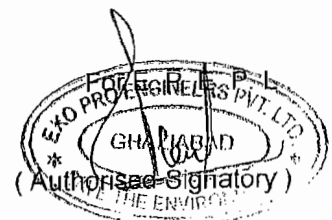
RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT			UNIT
			Max	Min	Avg.	
1	Light Intensity (Day Time)	SOP-IL/97/01	305	210	245	LUX

** End of Report **

Notes :

- The results given above are related to the observed values, at the time of monitoring.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- Responsibility of the Laboratory is limited to the invoiced amount only.



— Kall



EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G.T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
 e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
 Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Illumination Monitoring

Report Code : 110002091321

Issue Date : 04/09/2013

Issued To

: UNITY INFRAPROJECTS LTD.
 NEAR - CHHATRA MARG
 OPP. - PATEL CHEST INSTITUTE
 UNIVERSITY CAMPUS
 NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
 Sample Description : Light Intensity (LUX)
 Sample Drawn On : 31/08/2013
 Sample Drawn by : EPEPL (Mr. Sunil)
 Sample Received On : 02/09/2013
 Sampling Location : Botany Building
 Sampling Plan & Procedure : SOP-M/02
 Environmental Conditions : Normal
 Analysis Duration : 03/09/2013

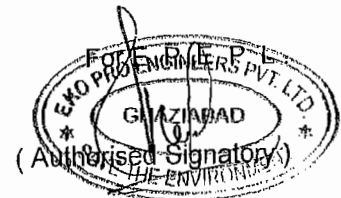
RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT			UNIT
			Max	Min	Avg.	
1	Light Intensity (Day Time)	SOP-IL/97/01	210	146	184	LUX

** End of Report **

Notes :

- The results given above are related to the observed values, at the time of monitoring.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- Responsibility of the Laboratory is limited to the invoiced amount only.



-k-dll-



Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, HUDA Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail : lab@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Illumination Monitoring

Report Code : 110002091323

Issue Date : 04/09/2013

Issued To

: UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Light Intensity (LUX)
Sample Drawn On : 31/08/2013
Sample Drawn by : EPEPL (Mr. Sunil)
Sample Received On : 02/09/2013
Sampling Location : Examination Building
Sampling Plan & Procedure : SOP-M/02
Environmental Conditions : Normal
Analysis Duration : 03/09/2013

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT			UNIT
			Max	Min	Avg.	
1	Light Intensity (Day Time)	SOP-IL/97/01	298	186	228	LUX

** End of Report **

Notes :

- The results given above are related to the observed values, at the time of monitoring.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- Responsibility of the Laboratory is limited to the invoiced amount only.



Handwritten signature



Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.
(Analytical Division)
(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 3741, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: lab@eko-pro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
telefax : +91-120-2867931, 2867930, 9711159337, 9711159210, 9711163422

TEST REPORT

Illumination Monitoring

Report Code : 110002091325

Issue Date : 04/09/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Light Intensity (LUX)
Sample Drawn On : 31/08/2013
Sample Drawn by : EPEPL (Mr. Sunil)
Sample Received On : 02/09/2013
Sampling Location : Art & Social Science Building
Sampling Plan & Procedure : SOP-M/02
Environmental Conditions : Normal
Analysis Duration : 03/09/2013

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT			UNIT
			Max	Min	Avg.	
1	Light Intensity (Day Time)	SOP-IL/97/01	209	174	190	LUX

**** End of Report ****

Notes :

- The results given above are related to the observed values, at the time of monitoring.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- Responsibility of the Laboratory is limited to the invoiced amount only.





Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.
(Analytical Division)
(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, HESIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Illumination Monitoring

Report Code : 110002091324

Issue Date : 04/09/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Light Intensity (LUX)
Sample Drawn On : 31/08/2013
Sample Drawn by : EPEPL (Mr. Sunil)
Sample Received On : 02/09/2013
Sampling Location : Labour Camp (Dhaka)
Sampling Plan & Procedure : SOP-M/02
Environmental Conditions : Normal
Analysis Duration : 03/09/2013

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT			UNIT
			Max	Min	Avg.	
1	Light Intensity (Day Time)	SOP-IL/97/01	254	182	212	LUX

** End of Report **

Notes :

- The results given above are related to the observed values, at the time of monitoring.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- Responsibility of the Laboratory is limited to the invoiced amount only.

h. andl





EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 3/741, South Side of G. T. Road, IPECHC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
 e-mail: lab@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
 Telefax : +91-120-2867934, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Noise Monitoring

Report Code : 70030081322

Issue Date : 02/09/2013

Client : UNITY INFRAPROJECTS LTD.
 NEAR - CHHATRA MARG
 OPP. - PATEL CHEST INSTITUTE
 UNIVERSITY CAMPUS
 NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
 Sample Description : Ambient Noise (24 Hrs)
 Sample Drawn on : 29/08/2013 To 30/08/2013
 Sample Drawn By : EPEPL (Mr. Alok)
 Sample Received on : 30/08/2013
 Sampling Location : Chemistry Building
 Sampling Plan & Procedure : SOP-N/01
 Weather Conditions : Clear
 Analysis Duration : 31/08/2013

RESULTS

No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Leq (24 Hrs.)	SOP-N/94/01	54.8	dB(A)
2	L Day		60.2	dB(A)
3	L Night		45.7	dB(A)
4	L dn		53.0	dB(A)
5	L Max (24 Hrs.)		68.5	dB(A)
6	L Min (24 Hrs.)		40.3	dB(A)
7	L 90		47.2	dB(A)
8	L 50		53.8	dB(A)
9	L 10		58.5	dB(A)

** End of Report **

Notes :

- The results given above are related to the observed values at the time of monitoring. The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- Responsibility of the Laboratory is limited to the invoiced amount only.



**EKO PRO ENGINEERS PVT. LTD.**

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 3/711, South Side of G.T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
 e-mail: lab@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
 telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT**Noise Monitoring**

Report Code : 70031081311

Issue Date: 03/09/2013

Issued To

: UNITY INFRAPROJECTS LTD.
 NEAR - CHHATRA MARG
 OPP. - PATEL CHEST INSTITUTE
 UNIVERSITY CAMPUS
 NEW DELHI - 110007

Project Name

: Delhi university north campus, Delhi

Sample Description

: DG Noise from Chemistry Building (UIL/G01-2/12)

Sample Drawn on

: 30/08/2013

Sample Drawn by

: EPEPL (Mr. Anuj)

Sample Received on

: 31/08/2013

Sampling Location

: 1.0 Meter away from DG Set (125 KVA)
 (When DG Set was running)

Sampling Plan & Procedure

: SOP-N/01

Environmental Conditions

: Normal

Analysis Duration

: 02/09/2013

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Equivalent Noise Level	SOP-N/94/01	68.7	dB (A)

** End of Report **

Notes :

- The results given above are related to the observed values, at the time of monitoring.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- Responsibility of the Laboratory is limited to the invoiced amount only.





Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 3/741, South Side of G. T. Road, UP-110C Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: lab@ekopro.in, ekoproengineers@gmail.com, epeplqzb@gmail.com, epeplqzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2367940, 9711159337, 9711159210, 9711163422

TEST REPORT

Noise Monitoring

Report Code : 70031081306

Issue Date : 03/09/2013

Issued To

: UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Ambient Noise (24 Hrs)
Sample Drawn on : 30/08/2013 To 31/08/2013
Sample Drawn By : EPEPL (Mr. Anuj)
Sample Received on : 31/08/2013
Sampling Location : Botany Building
Sampling Plan & Procedure : SOP-N/01
Weather Conditions : Clear
Analysis Duration : 02/09/2013

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Leq (24 Hrs.)	SOP-N/94/01	53.8	dB(A)
2	L Day		59.4	dB(A)
3	L Night		43.7	dB(A)
4	L dn		51.6	dB(A)
5	L Max (24 Hrs.)		69.4	dB(A)
6	L Min (24 Hrs.)		38.5	dB(A)
7	L 90		45.8	dB(A)
8	L 50		52.3	dB(A)
9	L 10		57.5	dB(A)

** End of Report **

Notes :

1. The results given above are related to the observed values at the time of monitoring. The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
3. The test report will not be used for any publicity/legal purpose.
4. Responsibility of the Laboratory is limited to the invoiced amount only.

For E. P. E. P. L.
EKO PRO ENGINEERS PVT. LTD.
GHAZIABAD



Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.
(Analytical Division)
(An ISO 9001: 2008 Certified Company)

Office & Laboratory, 32/11, South Side of G. T. Road, HPGHC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: lab@eko.pro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT
Noise Monitoring

Report Code : 70030081323

Issue Date : 02/09/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Ambient Noise (24 Hrs)
Sample Drawn on : 29/08/2013 To 30/08/2013
Sample Drawn By : EPEPL (Mr. Alok)
Sample Received on : 30/08/2013
Sampling Location : Examination Building
Sampling Plan & Procedure : SOP-N/01
Weather Conditions : Clear
Analysis Duration : 31/08/2013

RESULTS

No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Leq (24 Hrs.)	SOP-N/94/01	52.3	dB(A)
2	L Day		57.2	dB(A)
3	L Night		44.5	dB(A)
4	L dn		50.9	dB(A)
5	L Max (24 Hrs.)		66.3	dB(A)
6	L Min (24 Hrs.)		38.4	dB(A)
7	L 90		46.3	dB(A)
8	L 50		51.7	dB(A)
9	L 10		55.8	dB(A)

** End of Report **

Notes :

1. The results given above are related to the observed values at the time of monitoring. The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
3. The test report will not be used for any publicity/legal purpose.
4. Responsibility of the Laboratory is limited to the invoiced amount only.





Contact : +91 - 9810243370

EKO PRO ENGINEERS PVT. LTD.
(Analytical Division)
(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 2741, North Side of G. T. Road, UDYOG Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: lab@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159937, 9711159210, 9711163422

TEST REPORT
Noise Monitoring

Report Code : 70031081310

Issue Date: 03/09/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : DG Noise from Art & Social Science Building (UIL/G01-2/83)
Sample Drawn on : 30/08/2013
Sample Drawn by : EPEPL (Mr. Anuj)
Sample Received on : 31/08/2013
Sampling Location : 1.0 Meter away from DG Set (62.5 KVA)
(When DG Set was running)
Sampling Plan & Procedure : SOP-N/01
Environmental Conditions : Normal
Analysis Duration : 02/09/2013

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Equivalent Noise Level	SOP-N/94/01	64.5	dB (A)

**** End of Report ****

- Notes :**
- The results given above are related to the observed values, at the time of monitoring.
The customer asked for the above tests only.
 - This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
 - The test report will not be used for any publicity/legal purpose.
 - Responsibility of the Laboratory is limited to the invoiced amount only.





Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory : 3/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: labg@ekopro.in, ekoproengineers@gmtil.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Noise Monitoring

Report Code : 70031081307

Issue Date : 03/09/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Ambient Noise (24 Hrs)
Sample Drawn on : 30/08/2013 To 31/08/2013
Sample Drawn By : EPEPL (Mr. Anuj)
Sample Received on : 31/08/2013
Sampling Location : Art & Social Science Building
Sampling Plan & Procedure : SOP-N/01
Weather Conditions : Clear
Analysis Duration : 02/09/2013

RESULTS

No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Leq (24 Hrs.)	SOP-N/94/01	51.7	dB(A)
2	L Day		56.4	dB(A)
3	L Night		41.8	dB(A)
4	L dn		49.1	dB(A)
5	L Max (24 Hrs.)		66.7	dB(A)
6	L Min (24 Hrs.)		37.4	dB(A)
7	L 90		42.5	dB(A)
8	L 50		50.8	dB(A)
9	L 10		55.2	dB(A)

** End of Report **

Notes :

- The results given above are related to the observed values at the time of monitoring. The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- Responsibility of the Laboratory is limited to the invoiced amount only.





Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.
(Analytical Division)
(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UP:IDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: lab@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Noise Monitoring

Report Code : 70031081308

Issue Date : 03/09/2013

Order No :
Order Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Ambient Noise (24 Hrs)
Sample Drawn on : 30/08/2013 To 31/08/2013
Sample Drawn By : EPEPL (Mr. Anuj)
Sample Received on : 31/08/2013
Sampling Location : Labour Camp (Dhaka)
Sampling Plan & Procedure : SOP-N/01
Weather Conditions : Clear
Analysis Duration : 02/09/2013

RESULTS

No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Leq (24 Hrs.)	SOP-N/94/01	57.2	dB(A)
2	L Day		62.7	dB(A)
3	L Night		48.3	dB(A)
4	L dn		55.5	dB(A)
5	L Max (24 Hrs.)		71.4	dB(A)
6	L Min (24 Hrs.)		42.8	dB(A)
7	L 90		49.7	dB(A)
8	L 50		56.2	dB(A)
9	L 10		60.5	dB(A)

**** End of Report ****

Notes :

1. The results given above are related to the observed values at the time of monitoring. The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
3. The test report will not be used for any publicity/legal purpose.
4. Responsibility of the Laboratory is limited to the invoiced amount only.

For E.P.E.P.L.
EKO PRO ENGINEERS PVT. LTD.
(GHAZIABAD)



Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.
(Analytical Division)
(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 2771, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: lab@ekopro.in, ekoproengineers@gmail.com, epeplr.b@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Tel/fax : +91-420-2867930, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT
Noise Monitoring

Report Code : 70031081309

Issue Date: 03/09/2013

Issued To

: UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : DG Noise from Labour Camp (Dhaka) (UIL/G01-2/62)
Sample Drawn on : 30/08/2013
Sample Drawn by : EPEPL (Mr. Anuj)
Sample Received on : 31/08/2013
Sampling Location : 1.0 Meter away from DG Set (62.5 KVA)
(When DG Set was running)
Sampling Plan & Procedure : SOP-N/01
Environmental Conditions : Normal
Analysis Duration : 02/09/2013

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Equivalent Noise Level	SOP-N/94/01	63.8	dB (A)

** End of Report **

Notes :

1. The results given above are related to the observed values, at the time of monitoring.
The customer asked for the above tests only.
2. This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
3. The test report will not be used for any publicity/legal purpose.
4. Responsibility of the Laboratory is limited to the invoiced amount only.





Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 37/41, South Side of G.T. Road, UP/DG, Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: lab@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Noise Monitoring

Report Code : 70031081312

Issue Date: 03/09/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : DG Noise from Labour Camp (Dhaka) (UIL/G01-2/89)
Sample Drawn on : 30/08/2013
Sample Drawn by : EPEPL (Mr. Anuj)
Sample Received on : 31/08/2013
Sampling Location : 1.0 Meter away from DG Set (125 KVA)
(When DG Set was running)
Sampling Plan & Procedure : SOP-N/01
Environmental Conditions : Normal
Analysis Duration : 02/09/2013

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Equivalent Noise Level	SOP-N/94/01	67.9	dB (A)

** End of Report **

- Notes :**
- The results given above are related to the observed values, at the time of monitoring.
The customer asked for the above tests only.
 - This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
 - The test report will not be used for any publicity/legal purpose.
 - Responsibility of the Laboratory is limited to the invoiced amount only.

For E P E P L
EKO PRO ENGINEERS PVT LTD



Special
POST

ENGINEERING DEPARTMENT
(NORTH CAMPUS)
UNIVERSITY OF DELHI
DELHI - 110007

PHONE: 27667157, 27667725--EXT.1700-1705
FAX NO: 911 - 27666007

REF. NO. UE/ 2143 /DU/C-328 (2013-14) DATED: 11.07.2013

The Secretary
Delhi Pollution Control Committee
4th floor, ISBT building
Kashmere Gate
Delhi-110006

Sub: Development of Infrastructure facilities for Institutional buildings at Delhi University - Submission of periodic Environmental monitoring reports- Construction phase.

Dear Sir,

With reference to the SEIAA approval letter No. F.No. 82/DPCC/SEIAA-SEAC/10/2545-2549 dt. 16.03.2012, enclosed please find herewith the original copies of Environmental Monitoring Reports (23 sheets) for the environment monitoring conducted at respective construction sites of Institutional buildings project which has been conducted by M/s EKO Pro Engineers Pvt. Ltd. accredited and MoEF approved lab and in-line with DPCC requirement.

Thanking you,

Yours faithfully


11/07/13
University Engineer

Encl: Environmental Monitoring Reports (23 Sheets)

nc

Chas
10/07

Annexure- A

S.L. No	Location	Report Code	Report Title
1.	Examination building	40030051312	Ambient Air Analysis Report
2.	Chemistry building	40030051311	
3.	Botany building	40030051310	
4.	Art & Social Science building	40031051307	
5.	Dhaka Labour Camp	40031051306	
6.	Chemistry building	30030051323	Stack Emission Analysis Report
7.	Botany building	30030051322	
8.	Dhaka Labour Camp (62.5 KVA DG Set)	30030051324	
9.	Dhaka Labour Camp (125 KVA DG Set)	30030051321	
10.	Chemistry building	110030051324	Illumination Monitoring Report
11.	Botany building	110030051323	
12.	Examination building	110030051325	
13.	Art & Social Science building	110031051322	
14.	Dhaka Labour Camp	110031051321	
15.	Chemistry building-Ambient Noise	70030051317	Noise Monitoring Report
16.	Chemistry building-DG Noise	70031051337	
17.	Botany building-Ambient Noise	70030051316	
18.	Botany building-DG Noise	70031051336	
19.	Examination building	70030051318	
20.	Art & Social Science building	70031051335	
21.	Dhaka Labour Camp	70031051334	
22.	Dhaka Labour Camp-DG Noise (62.5 KVA)	70031051338	
23.	Dhaka Labour Camp- DG Noise (125 KVA)	70031051339	

Shy
(SHAILENDRA)

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.

mail: info@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,

Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Ambient Air Quality Analysis

Report No: 40030051312

Issue Date : 04/06/2013

Referral To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Client's Name : Delhi university north campus, Delhi

Sample Description : Ambient Air

Sample Drawn on : 29/05/2013 To 30/05/2013

Sample Drawn By : EPEPL (Mr. Raj Kumar)

Sample Received on : 30/05/2013

Sampling Location : Near Examination Building

Sampling Plan & Procedure : SOP-AAQ/15

Analysis Duration : 30/05/2013 To 03/06/2013

Sampling Time : 24 Hrs.

Ambient Temperature (deg°C) : 40.0

Average Flow rate of SPM (m³/min.) : 1.1

Average Flow Rate of Gases (lpm.) : 1.0

Weather Conditions : Clear

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Particulate Matter (PM ₁₀)	IS : 5182 (P-23)	139.2	µg/m ³
2	Particulate Matter (PM _{2.5})	SOP-AAQ/89/01	68.3	µg/m ³
3	Sulphur dioxide (as SO ₂)	IS : 5182 (P-2) Improved West & Geake	14.5	µg/m ³
4	Nitrogen dioxide (as NO _x)	IS : 5182 (P-6)	27.5	µg/m ³
5	Carbon monoxide (as CO)	IS : 5182 (P-10)	< 1.15	mg/m ³
6	Grab Sampling			
7	Lead (as Pb)	IS : 5182 (P-22)	< 0.1	µg/m ³
8	Mercury (as Hg)	SOP-AAQ/89/02	< 15.0	ng/m ³
9	Arsenic (as As)	SOP-AAQ/89/03	< 5.0	ng/m ³
10	Cadmium (as Cd)	IS : 5182 (P-9)/Chemical Method	< 10.0	µg/m ³
11	Ammonia (as NH ₃)	APHA - AIR Indophenol Blue Method	< 20.0	µg/m ³
12	Benzene (as C ₆ H ₆)	IS : 5182 (P-11)	< 1.0	µg/m ³
13	Benzo (a) Pyrene-Particulate Phase only	IS : 5182 (P-12)	< 1.0	ng/m ³

End of Report

- Notes:
- The results given above are related to the tested sample, for various parameters, as observed at the time of Sampling. The customer asked for the above tests only.
 - This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
 - The test report will not be used for any publicity/legal purpose.
 - The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
E-mail: ekopro@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Ambient Air Quality Analysis

Report No: 40030051311 Issue Date : 04/06/2013

Client Name : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi

Sample Description : Ambient Air

Sample Drawn on : 29/05/2013 To 30/05/2013

Sample Drawn by : EPEPL (Mr. Keshav)

Sample Received on : 30/05/2013

Sampling Location : Near Chemistry Building

Sampling Plan & Procedure : SOP-AAQ/15

Analysis Duration : 30/05/2013 To 03/06/2013

Sampling Time : 24 Hrs.

Ambient Temperature (deg°C) : 40.0

Air Flow Rate of SPM (m³/min.) : 1.1

Air Flow Rate of Gases (lpm.) : 1.0

Weather Conditions : Clear

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Particulate Matter (PM ₁₀)	IS : 5182 (P-23)	124.4	µg/m ³
2	Particulate Matter (PM _{2.5})	SOP-AAQ/89/01	76.3	µg/m ³
3	Sulphur dioxide (as SO ₂)	IS : 5182 (P-2) Improved West & Geake	15.3	µg/m ³
4	Nitrogen dioxide (as NO _x)	IS : 5182 (P-6)	32.6	µg/m ³
5	Carbon monoxide (as CO) Grab Sampling	IS : 5182 (P-10)	< 1.15	mg/m ³
6	Lead (as Pb)	IS : 5182 (P-22)	< 0.1	µg/m ³
7	Nickel (as Ni)	SOP-AAQ/89/02	< 15.0	ng/m ³
8	Arsenic (as As)	SOP-AAQ/89/03	< 5.0	ng/m ³
9	Ozone (as O ₃)	IS : 5182 (P-9)/Chemical Method	< 10.0	µg/m ³
10	Ammonia (as NH ₃)	APHA - AIR Indophenol Blue Method	< 20.0	µg/m ³
11	Benzene (as C ₆ H ₆)	IS : 5182 (P-11)	< 1.0	µg/m ³
12	Equivalent Fine Particulate Phase	IS : 5182 (P-12)	< 1.0	ng/m ³

****End of Report****

- Notes:
- The results given above are related to the tested sample, for various parameters, as observed at the time of Sampling.
The customer asked for the above tests only.
 - This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
 - The test report will not be used for any publicity/legal purpose.
 - The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
E-mail: ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Ambient Air Quality Analysis

Report Code : 40030051310

Issue Date : 04/06/2013

Report To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Ambient Air
Sample Drawn on : 29/05/2013 To 30/05/2013
Sample Drawn by : EPEPL (Mr. Keshav)
Sample Received on : 30/05/2013
Sampling Location : Near Botany Building
Sampling Phys & Procedure : SOP-AAQ/15
Analysis Duration : 30/05/2013 To 03/06/2013
Sampling Time : 24 Hrs.
Ambient Temperature (deg°C) : 40.0
Average Flow Rate of SPM (m³/min.) : 1.1
Average Flow Rate of Gases (lpm.) : 1.0
Weather Conditions : Clear

RESULTS

Sl. No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Particulate Matter (PM ₁₀)	IS : 5182 (P-23)	132.5	µg/m ³
2	Particulate Matter (PM _{2.5})	SOP-AAQ/89/01	72.9	µg/m ³
3	Sulphur dioxide (as SO ₂)	IS : 5182 (P-2) Improved West & Geake	16.4	µg/m ³
4	Nitrogen dioxide (as NO ₂)	IS : 5182 (P-6)	29.6	µg/m ³
5	Carbon monoxide (as CO)	IS : 5182 (P-10)	< 1.15	mg/m ³
6	Lead (as Pb)	IS : 5182 (P-22)	< 0.1	µg/m ³
7	Mercury (as Hg)	SOP-AAQ/89/02	< 15.0	ng/m ³
8	Arsenic (as As)	SOP-AAQ/89/03	< 5.0	ng/m ³
9	Ozone (as O ₃)	IS : 5182 (P-9)/Chemical Method	< 10.0	µg/m ³
10	Ammonia (as NH ₃)	APHA - AIR Indophenol Blue Method	< 20.0	µg/m ³
11	Benzene (as C ₆ H ₆)	IS : 5182 (P-11)	< 1.0	µg/m ³
12	Benzo (a) Pyrene-Particulate Phase	IS : 5182 (P-12)	< 1.0	ng/m ³

End of Report

Notes :

The results given above are related to the tested sample, for various parameters, as observed at the time of Sampling.

The customer asked for the above tests only.

This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.

The test report will not be used for any publicity/legal purpose.

The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
E-mail: ekopro@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Ambient Air Quality Analysis

Report Code : 40031051307

Issue Date : 05/06/2013

Client Name : UNITY INFRAPROJECTS LTD.
Address : NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Ambient Air
Sample Drawn on : 30/05/2013 To 31/05/2013
Sample Drawn By : EPEPL (Mr. Raj Kumar)
Sample Received on : 31/05/2013
Sampling Location : Near Art & Social Science Building
Sampling Plan & Procedure : SOP-AAQ/15
Analysis Duration : 31/05/2013 To 04/06/2013
Sampling Time : 24 Hrs.
Ambient Temperature (deg°C) : 40.0
Average Flow Rate of SPM (m³/min.) : 1.1
Average Flow Rate of Gases (lpm.) : 1.0
Weather Condition : Clear

RESULTS

Sl. No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Particulate Matter (PM ₁₀)	IS : 5182 (P-23)	118.4	µg/m ³
2	Particulate Matter (PM _{2.5})	SOP-AAQ/89/01	74.5	µg/m ³
3	Sulphur dioxide (as SO ₂)	IS : 5182 (P-2) Improved West & Geake	15.3	µg/m ³
4	Nitrogen dioxide (as NO _x)	IS : 5182 (P-6)	30.6	µg/m ³
5	Carbon monoxide (as CO)	IS : 5182 (P-10)	< 1.15	mg/m ³
	Grab Sampling			
6	Lead (as Pb)	IS : 5182 (P-22)	< 0.1	µg/m ³
7	Nickel (as Ni)	SOP-AAQ/89/02	< 15.0	ng/m ³
8	Arsenic (as As)	SOP-AAQ/89/03	< 5.0	ng/m ³
9	Ozone (as O ₃)	IS : 5182 (P-9)/Chemical Method	< 10.0	µg/m ³
10	Ammonia (as NH ₃)	APHA - AIR Indophenol Blue Method	< 20.0	µg/m ³
11	Benzene (as C ₆ H ₆)	IS : 5182 (P-11)	< 1.0	µg/m ³
12	Benzo (a) Pyrene-Particulate	IS : 5182 (P-12)	< 1.0	ng/m ³
	Phase only			

End of Report

Notes :

- The results given above are related to the tested sample, for various parameters, as observed at the time of Sampling. The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.
- Responsibility of the Laboratory is limited to the invoiced amount only.

D. P. D. . . .

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Head Office: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
 Email: ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
 Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT**Ambient Air Quality Analysis**

Report Code : 40031051306

Issue Date : 05/06/2013

Issued To : UNITY INFRAPROJECTS LTD.
 NEAR - CHHATRA MARG
 OPP. - PATEL CHEST INSTITUTE
 UNIVERSITY CAMPUS
 NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
 Sample Description : Ambient Air
 Sample Drawn on : 30/05/2013 To 31/05/2013
 Sample Drawn By : EPEPL (Mr. Raj Kumar)
 Sample Received on : 31/05/2013
 Sampling Location : Near Labour Camp (Dhaka)
 Sampling Plan & Procedure : SOP-AAQ/15
 Analysis Duration : 31/05/2013 To 04/06/2013
 Sampling Time : 24 Hrs.
 Ambient Temperature (deg°C) : 40.0
 Average Flow Rate of SPM (m³/min.) : 1.1
 Average Flow Rate of Gases (lpm.) : 1.0
 Weather Conditions : Clear

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Particulate Matter (PM ₁₀)	IS : 5182 (P-23)	172.3	µg/m ³
2	Particulate Matter (PM _{2.5})	SOP-AAQ/89/01	92.3	µg/m ³
3	Sulphur dioxide (as SO ₂)	IS : 5182 (P-2) Improved West & Geake	21.4	µg/m ³
4	Nitrogen dioxide (as NO _x)	IS : 5182 (P-6)	44.7	µg/m ³
5	Carbon monoxide (as CO) Grab Sampling	IS : 5182 (P-10)	< 1.15	mg/m ³
6	Lead (as Pb)	IS : 5182 (P-22)	< 0.1	µg/m ³
7	Nickel (as Ni)	SOP-AAQ/89/02	< 15.0	ng/m ³
8	Arsenic (as As)	SOP-AAQ/89/03	< 5.0	ng/m ³
9	Ozone (as O ₃)	IS : 5182 (P-9)/Chemical Method	< 10.0	µg/m ³
10	Ammonia (as NH ₃)	APHA - AIR Indophenol Blue Method	< 20.0	µg/m ³
11	Benzene (as C ₆ H ₆)	IS : 5182 (P-11)	< 1.0	µg/m ³
12	Benzo (α) Pyrine-Particulate Phase only	IS : 5182 (P-12)	< 1.0	ng/m ³

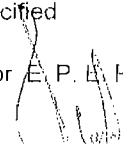
End of Report

Notes :

- The results given above are related to the tested sample, for various parameters, as observed at the time of Sampling. The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.
- Responsibility of the Laboratory is limited to the invoiced amount only.

For E. P. E. P. L.

S. Badli



EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
 Email: ekopro@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in
 Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT**Stack Emission Analysis**

Report Code : 30030051323

Issue Date : 04/06/2013

Issued To : UNITY INFRAPROJECTS LTD.
 NEAR - CHHATRA MARG
 OPP. - PATEL CHEST INSTITUTE
 UNIVERSITY CAMPUS
 NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
 Sample Description : Stack Emission (UIL/G01-2/12)
 Sample Drawn on : 29/05/2013
 Sample Drawn By : EPEPL (Mr. Keshav)
 Sample Received on : 30/05/2013
 Time of Sampling (Minutes) : 30
 Sampling Plan & Procedure : SOP-SE/09
 Sampling Location : Chemistry Building
 Analysis Duration : 30/05/2013 To 03/06/2013
 Source of Emission : Stack Attached To D.G. Set
 Capacity : 125 KVA
 Operating Load : Normal
 Normal Operation Schedule : As per requirement
 Type of Stack : Metal/Circular
 Diameter of Stack (meter) : 0.12
 Height of Stack from Ground Level (meter) : 3.1
 Height of Stack from Roof Level (meter) : -
 Height of Sampling Location (meter) : Sampling done from Top of the Stack
 Type of Fuel Used : HSD
 Fuel Consumed per Hour : 8.0 lph
 Ambient Temperature (deg.C) : 40.0
 Stack Temperature (deg.C) : 113.0
 Average Velocity of Flue Emission (m/sec) : 13.2
 Average Flow Rate (lpm) : 19.4
 Control Measures (if any) : Nil
 Remark (if any) : At the time of sampling Temporary Platform provided by the customer

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Particulate Matter (PM)	IS :11255 Part I	42.6	mg/Nm ³
2	Sulphur dioxide (as SO ₂)	IS :11255 Part II	19.1	mg/Nm ³
3	Oxides of Nitrogen (as NO _x)	SOP-SE/90/01	69.8	mg/Nm ³
4	Carbon monoxide (as CO)	IS : 13270	< 0.2	% v/v
5	Lead (as Pb)	APHA-AIR/AAS	< 1.0	mg/Nm ³
6	Hydrocarbon (as HC)	APHA -AIR	< 1.0	mg/Nm ³

** End of Report **

Notes :

- The results given above are related to the tested sample, for various parameters, as observed at the time of sampling.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after two weeks from the date of issued of test report, unless until specified by the customer.

For E P E P L

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
 E-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in.
 Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT**Stack Emission Analysis**

Report Code : 30030051322

Issue Date : 04/06/2013

Issued To : UNITY INFRAPROJECTS LTD.
 NEAR - CHHATRA MARG
 --- OPP. - PATEL CHEST INSTITUTE
 UNIVERSITY CAMPUS
 NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
 Sample Description : Stack Emission (UIL/G01-2/83)
 Sample Drawn on : 29/05/2013
 Sample Drawn By : EPEPL (Mr. Keshav)
 Sample Received on : 30/05/2013
 Time of Sampling (Minutes) : 30
 Sampling Plan & Procedure : SOP-SE/09
 Sampling Location : Botany Building
 Analysis Duration : 30/05/2013 To 03/06/2013
 Source of Emission : Stack Attached To D.G. Set
 Capacity : 62.5 KVA
 Operating Load : Normal
 Normal Operation Schedule : As per requirement
 Type of Stack : Metal/Circular
 Diameter of Stack (meter) : 0.09
 Height of Stack from Ground Level (meter) : 2.8
 Height of Stack from Roof Level (meter) : -
 Height of Sampling Location (meter) : Sampling done from Top of the Stack
 Type of Fuel Used : HSD
 Fuel Consumed per Hour : 5.0 lph
 Ambient Temperature (deg.C) : 40.0
 Stack Temperature (deg.C) : 102.0
 Average Velocity of Flue Emission (m/sec) : 11.3
 Average Flow Rate (lpm) : 17.1
 Control Measures (if any) : Nil
 Remark (if any) : At the time of sampling Temporary Platform provided by the customer

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Particulate Matter (PM)	IS :11255 Part I	38.7	mg/Nm ³
2	Sulphur dioxide (as SO ₂)	IS :11255 Part II	16.1	mg/Nm ³
3	Oxides of Nitrogen (as NO _x)	SOP-SE/90/01	52.4	mg/Nm ³
4	Carbon monoxide (as CO)	IS : 13270	< 0.2	% v/v
5	Lead (as Pb)	APHA-AIR/AAS	< 1.0	mg/Nm ³
6	Hydrocarbon (as HC)	APHA -AIR	< 1.0	mg/Nm ³

** End of Report

Notes :

- The results given above are related to the tested sample, for various parameters, as observed at the time of sampling.
- The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after two weeks from the date of issued of test report, unless until

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA
 e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in
 Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT**Stack Emission Analysis**

Report Code : 30030051324

Issue Date : 04/06/2013

Issued To : UNITY INFRAPROJECTS LTD.
 NEAR - CHHATRA MARG
 OPP. - PATEL CHEST INSTITUTE
 UNIVERSITY CAMPUS
 NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
 Sample Description : Stack Emission (UIL/G01-2/62)
 Sample Drawn on : 29/05/2013
 Sample Drawn By : EPEPL (Mr. Keshav)
 Sample Received on : 30/05/2013
 Time of Sampling (Minutes) : 30
 Sampling Plan & Procedure : SOP-SE/09
 Sampling Location : Labour Camp (Dhaka)
 Analysis Duration : 30/05/2013 To 03/06/2013
 Source of Emission : Stack Attached To D.G. Set
 Capacity : 62.5 KVA
 Operating Load : Normal
 Normal Operation Schedule : As per requirement
 Type of Stack : Metal/Circular
 Diameter of Stack (meter) : 0.1
 Height of Stack from Ground Level (meter) : 3.2
 Height of Stack from Roof Level (meter) : -
 Height of Sampling Location (meter) : Sampling done from Top of the Stack
 Type of Fuel Used : HSD
 Fuel Consumed per Hour : 6.0 lph
 Ambient Temperature (deg.C) : 40.0
 Stack Temperature (deg.C) : 108.0
 Average Velocity of Flue Emission (m/sec) : 10.0
 Average Flow Rate (lpm) : 14.9
 Control Measures (if any) : Nil
 Remark (if any) : At the time of sampling Temporary Platform provided by the customer

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Particulate Matter (PM)	IS :11255 Part I	36.4	mg/Nm ³
2	Sulphur dioxide (as SO ₂)	IS :11255 Part II	13.7	mg/Nm ³
3	Oxides of Nitrogen (as NO _x)	SOP-SE/90/01	55.3	mg/Nm ³
4	Carbon monoxide (as CO)	IS : 13270	< 0.2	% v/v
5	Lead (as Pb)	APHA-AIR/AAS	< 1.0	mg/Nm ³
6	Hydrocarbon (as HC)	APHA -AIR	< 1.0	mg/Nm ³

* * End of Report

Notes :

- The results given above are related to the tested sample, for various parameters, as observed at the time of sampling. The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after two weeks from the date of issued of test report, unless until specified by the customer.
- Responsibility of the Laboratory is limited to the invoiced amount only.

For E. P. E. P. I.

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)
(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Stack Emission Analysis

Report Code : 30030051321

Issue Date : 04/06/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Stack Emission (UIL/G01-2/89)
Sample Drawn on : 29/05/2013
Sample Drawn By : EPEPL (Mr. Keshav)
Sample Received on : 30/05/2013
Time of Sampling (Minutes) : 30
Sampling Plan & Procedure : SOP-SE/09
Sampling Location : Labour Camp (Dhaka)
Analysis Duration : 30/05/2013 To 03/06/2013
Source of Emission : Stack Attached To D.G. Set
Capacity : 125 KVA
Operating Load : Normal
Normal Operation Schedule : As per requirement
Type of Stack : Metal/Circular
Diameter of Stack (meter) : 0.11
Height of Stack from Ground Level (meter) : 3.1
Height of Stack from Roof Level (meter) : -
Height of Sampling Location (meter) : Sampling done from Top of the Stack
Type of Fuel Used : HSD
Fuel Consumed per Hour : 8.0 lph
Ambient Temperature (deg.C) : 40.0
Stack Temperature (deg.C) : 120.0
Average Velocity of Flue Emission (m/sec) : 12.2
Average Flow Rate (lpm) : 17.6
Control Measures (if any) : Nil
Remark (if any) : At the time of sampling Temporary Platform provided by the customer

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Particulate Matter (PM)	IS :11255 Part I	49.5	mg/Nm ³
2	Sulphur dioxide (as SO ₂)	IS :11255 Part II	22.0	mg/Nm ³
3	Oxides of Nitrogen (as NO _x)	SOP-SE/90/01	65.5	mg/Nm ³
4	Carbon monoxide (as CO)	IS : 13270	< 0.2	% v/v
5	Lead (as Pb)	APHA-AIR/AAS	< 1.0	mg/Nm ³
6	Hydrocarbon (as HC)	APHA -AIR	< 1.0	mg/Nm ³

** End of Report

Notes :

- The results given above are related to the tested sample, for various parameters, as observed at the time of sampling.
- The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after two weeks from the date of issued of test report, unless until specified by the customer.

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
 e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
 Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT**Illumination Monitoring**

Report Code : 110030051324

Issue Date: 01/06/2013

Issued To : UNITY INFRAPROJECTS LTD.
 NEAR - CHHATRA MARG
 OPP. - PATEL CHEST INSTITUTE
 UNIVERSITY CAMPUS
 NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
 Sample Description: : Light Intensity (LUX)
 Sample Drawn On : 29/05/2013
 Sample Drawn by : EPEPL (Mr. Raj Kumar)
 Sample Received On : 30/05/2013
 Sampling Location : Chemistry Building
 Sampling Plan & Procedure : SOP-M/02
 Environmental Conditions : Normal
 Analysis Duration : 31/05/2013

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT			UNIT
			Max	Min	Avg.	
1	Light Intensity (Day Time)	SOP-IL/97/01	252	198	234	LUX

** End of Report **

Notes :

- The results given above are related to the observed values, at the time of monitoring.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- Responsibility of the Laboratory is limited to the invoiced amount only.

For E. P. E. P. L.

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
 e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in.
 Telefax: +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT**Illumination Monitoring**

Report Code : 110030051323

Issue Date: 01/06/2013

Issued To

: UNITY INFRAPROJECTS LTD.
 NEAR - CHHATRA MARG
 OPP. - PATEL CHEST INSTITUTE
 UNIVERSITY CAMPUS
 NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
 Sample Description : Light Intensity (LUX)
 Sample Drawn On : 29/05/2013
 Sample Drawn by : EPEPL (Mr. Raj Kumar)
 Sample Received On : 30/05/2013
 Sampling Location : Botany Building
 Sampling Plan & Procedure : SOP-M/02
 Environmental Conditions : Normal
 Analysis Duration : 31/05/2013

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT			UNIT
			Max	Min	Avg.	
1	Light Intensity (Day Time)	SOP-IL/97/01	134	105	122	LUX

** End of Report **

Notes :

- The results given above are related to the observed values, at the time of monitoring.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- Responsibility of the Laboratory is limited to the invoiced amount only.

For E. P. E. P. L.

(Authorized Signatory)

Contact : +91 8861 22111

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in.
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Illumination Monitoring

Report Code : 110030051325

Issue Date: 01/06/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Light Intensity (LUX)
Sample Drawn On : 29/05/2013
Sample Drawn by : EPEPL (Mr. Raj Kumar)
Sample Received On : 30/05/2013
Sampling Location : Examination Building
Sampling Plan & Procedure : SOP-M/02
Environmental Conditions : Normal
Analysis Duration : 31/05/2013

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT			UNIT
			Max	Min	Avg.	
1	Light Intensity (Day Time)	SOP-IL/97/01	228	175	209	LUX

** End of Report

Notes :

- The results given above are related to the observed values, at the time of monitoring.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- Responsibility of the Laboratory is limited to the invoiced amount only.

For E. P. E. P. L.

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 909, UP, INDIA.
 e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in.
 Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT**Illumination Monitoring**

Report Code : 110031051322

Issue Date: 03/05/2013

Issued To : UNITY INFRAPROJECTS LTD.
 NEAR - CHHATRA MARG
 OPP. - PATEL CHEST INSTITUTE
 UNIVERSITY CAMPUS
 NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
 Sample Description : Light Intensity (LUX)
 Sample Drawn On : 30/05/2013
 Sample Drawn by : EPEPL (Mr. Anuj)
 Sample Received On : 31/05/2013
 Sampling Location : Art & Social Science Building
 Sampling Plan & Procedure : SOP-M/02
 Environmental Conditions : Normal
 Analysis Duration : 01/06/2013

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT			UNIT
			Max	Min	Avg.	
1	Light Intensity (Day Time)	SOP-IL/97/01	154	130	142	LUX

** End of Report **

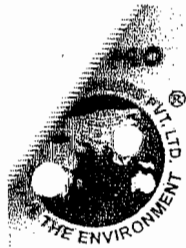
Notes :

- The results given above are related to the observed values, at the time of monitoring.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory
- The test report will not be used for any publicity/legal purpose.
- Responsibility of the Laboratory is limited to the invoiced amount only.

For E. P. E. P. I.

(Authorised Signatory)

Subodh



Contact : +91 - 91120 11007

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA
e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Illumination Monitoring

Report Code : 110031051321

Issue Date: 03/06/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Light Intensity (LUX)
Sample Drawn On : 30/05/2013
Sample Drawn by : EPEPL (Mr. Anuj)
Sample Received On : 31/05/2013
Sampling Location : Labour Camp (Dhaka)
Sampling Plan & Procedure : SOP-M/02
Environmental Conditions : Normal
Analysis Duration : 01/06/2013

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT			UNIT
			Max	Min	Avg.	
1	Light Intensity (Day Time)	SOP-IL/97/01	219	170	205	LUX

* * End of Report * *

Notes :

- The results given above are related to the observed values, at the time of monitoring.
- The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- Responsibility of the Laboratory is limited to the invoiced amount only.

For E. P. E. P. L.

(Authorised Signatory)

Subodh



Contact: +91-11-46111111

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 008, UP, INDIA.
e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Noise Monitoring

Report Code : 70030051317

Issue Date : 01/06/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Ambient Noise (24 Hrs)
Sample Drawn on : 29/05/2013 To 30/05/2013
Sample Drawn By : EPEPL (Mr. Keshav)
Sample Received on : 30/05/2013
Sampling Location : Chemistry Building
Sampling Plan & Procedure : SOP-N/01
Weather Conditions : Clear
Analysis Duration : 31/05/2013

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Leq (24 Hrs.)	SOP-N/94/01	50.7	dB(A)
2	L Day		56.9	dB(A)
3	L Night		41.7	dB(A)
4	L dn		49.3	dB(A)
5	L Max (24 Hrs.)		65.2	dB(A)
6	L Min (24 Hrs.)		39.4	dB(A)
7	L 90		42.8	dB(A)
8	L 50		50.1	dB(A)
9	L 10		56.2	dB(A)

** End of Report **

Notes :

- The results given above are related to the observed values at the time of monitoring. The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- Responsibility of the Laboratory is limited to the invoiced amount only.

For: R. E. P. S. S.



Contact: +91-120-2867931

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, India.
e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in
Telefax: +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Noise Monitoring

Report Code : 70031051337

Issue Date: 03/06/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : DG Noise from Chemistry Building (UIL/G01-2/12)
Sample Drawn on : 30/05/2013
Sample Drawn by : EPEPL (Mr. Anuj)
Sample Received on : 31/05/2013
Sampling Location : 1 Meter away from DG Set (125 KVA)
(When DG Set was running)
Sampling Plan & Procedure : SOP-N/01
Environmental Conditions : Normal
Analysis Duration : 01/06/2013

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Equivalent Noise Level	SOP-N/94/01	66.9	dB (A)

** End of Report

Notes :

- The results given above are related to the observed values, at the time of monitoring.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- Responsibility of the Laboratory is limited to the invoiced amount only.

For E. P. E. P. L.



Contact : +91 - 991 20 40 20

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Noise Monitoring

Report Code : 70030051316

Issue Date : 01/06/2013

Issued To

: UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Ambient Noise (24 Hrs)
Sample Drawn on : 29/05/2013 To 30/05/2013
Sample Drawn By : EPEPL (Mr. Keshav)
Sample Received on : 30/05/2013
Sampling Location : Botany Building
Sampling Plan & Procedure : SOP-N/094/01
Weather Conditions : Clear
Analysis Duration : 31/05/2013

RESULTS

No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Leq.(24 Hrs.)	SOP-N/94/01	51.8	dB(A)
2	L Day		56.2	dB(A)
3	L Night		42.9	dB(A)
4	L dn		49.6	dB(A)
5	L Max (24 Hrs.)		66.3	dB(A)
6	L Min (24 Hrs.)		40.9	dB(A)
7	L 90		43.7	dB(A)
8	L 50		50.3	dB(A)
9	L 10		55.4	dB(A)

** End of Report

Notes :

The results given above are related to the observed values at the time of monitoring. The customer asked for the above tests only.

This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.

The test report will not be used for any publicity/legal purpose.

Responsibility of the Laboratory is limited to the invoiced amount only.

For E.P.E.P.L.



Contact : +91-120-2867931

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 002, UP, INDIA.

e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in.

Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Noise Monitoring

Report Code : 70031051336

Issue Date: 03/06/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : DG Noise from Botany Building (UIL/G01-2/83)
Sample Drawn on : 30/05/2013
Sample Drawn by : EPEPL (Mr. Anuj)
Sample Received on : 31/05/2013
Sampling Location : 1.0 Meter away from DG Set (62.5 KVA)
(When DG Set was running)
Sampling Plan & Procedure : SOP-N/01
Environmental Conditions : Normal
Analysis Duration : 01/06/2013

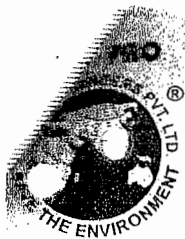
RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Equivalent Noise Level	SOP-N/94/01	63.2	dB (A)

** End of Report

Notes :
The results given above are related to the observed values, at the time of monitoring.
The customer asked for the above tests only.
This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
The test report will not be used for any publicity/legal purpose.
Responsibility of the Laboratory is limited to the invoiced amount only.

For A.P.E.P.L.
[Signature]



Contact: +91-120-2867931

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, India.

e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in

Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Noise Monitoring

Report Code : 70030051318

Issue Date : 01/06/2013

Issued To

: UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name

: Delhi university north campus, Delhi

Sample Description

: Ambient Noise (24 Hrs)

Sample Drawn on

: 29/05/2013 To 30/05/2013

Sample Drawn By

: EPEPL (Mr. Raj Kumar)

Sample Received on

: 30/05/2013

Sampling Location

: Examination Building

Sampling Plan & Procedure

: SOP-N/01

Weather Conditions

: Clear

Analysis Duration

: 31/05/2013

RESULTS

No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Leq (24 Hrs.)	SOP-N/94/01	50.8	dB(A)
2	L Day		55.4	dB(A)
3	L Night		42.8	dB(A)
4	L dn		49.1	dB(A)
5	L Max (24 Hrs.)		67.3	dB(A)
6	L Min (24 Hrs.)		40.3	dB(A)
7	L 90		44.8	dB(A)
8	L 50		49.8	dB(A)
9	L 10		54.7	dB(A)

** End of Report **

Notes :

The results given above are related to the observed values at the time of monitoring. The customer asked for the above tests only.

This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.

The test report will not be used for any publicity/legal purpose.

Responsibility of the Laboratory is limited to the invoiced amount only.

For E. P. E. P. L.



Contact : +91-120-2867931

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Noise Monitoring

Report Code : 70031051335

Issue Date : 03/06/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Ambient Noise (24 Hrs)
Sample Drawn on : 30/05/2013 To 31/05/2013
Sample Drawn By : EPEPL (Mr. Raj Kumar)
Sample Received on : 31/05/2013
Sampling Location : Art & Social Science Building
Sampling Plan & Procedure : SOP-N/01
Weather Conditions : Clear
Analysis Duration : 01/06/2013

RESULTS

No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Leq (24 Hrs.)	SOP-N/94/01	49.8	dB(A)
2	L Day		54.3	dB(A)
3	L Night		40.7	dB(A)
4	L dn		47.5	dB(A)
5	L Max (24 Hrs.)		64.3	dB(A)
6	L Min (24 Hrs.)		39.2	dB(A)
7	L 90		41.7	dB(A)
8	L 50		48.5	dB(A)
9	L 10		53.9	dB(A)

** End of Report **

Notes :

The results given above are related to the observed values at the time of monitoring. The customer asked for the above tests only.

This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.

The test report will not be used for any publicity/legal purpose.

Responsibility of the Laboratory is limited to the invoiced amount only.

For E. P. E. P. L.



Contact: +91-120-2867931

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in.
Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT

Noise Monitoring

Report Code : 70031051334

Issue Date : 03/06/2013

Issued To : UNITY INFRAPROJECTS LTD.
NEAR - CHHATRA MARG
OPP. - PATEL CHEST INSTITUTE
UNIVERSITY CAMPUS
NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
Sample Description : Ambient Noise (24 Hrs)
Sample Drawn on : 30/05/2013 To 31/05/2013
Sample Drawn By : EPEPL (Mr. Raj Kumar)
Sample Received on : 31/05/2013
Sampling Location : Labour Camp (Dhaka)
Sampling Plan & Procedure : SOP-N/01
Weather Conditions : Clear
Analysis Duration : 01/06/2013

RESULTS

No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Leq (24 Hrs.)	SOP-N/94/01	53.3	dB(A)
2	L Day		58.3	dB(A)
3	L Night		44.3	dB(A)
4	L dn		51.4	dB(A)
5	L Max (24 Hrs.)		70.2	dB(A)
6	L Min (24 Hrs.)		41.7	dB(A)
7	L 90		46.2	dB(A)
8	L 50		52.8	dB(A)
9	L 10		57.2	dB(A)

** End of Report **

Notes :

The results given above are related to the observed values at the time of monitoring. The customer asked for the above tests only.
This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
The test report will not be used for any publicity/legal purpose.
Responsibility of the Laboratory is limited to the invoiced amount only.

For E.P.E.P.L.

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
 e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in,
 Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT**Noise Monitoring**

Report Code : 70031051338

Issue Date: 03/06/2013

Issued To : UNITY INFRAPROJECTS LTD.
 NEAR - CHHATRA MARG
 OPP. - PATEL CHEST INSTITUTE
 UNIVERSITY CAMPUS
 NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
 Sample Description : DG Noise from Labour Camp (Dhaka) (UIL/G01-2/89)
 Sample Drawn on : 30/05/2013
 Sample Drawn by : EPEPL (Mr. Anuj)
 Sample Received on : 31/05/2013
 Sampling Location : 1 Meter away from DG Set (125 KVA)
 (When DG Set was running)
 Sampling Plan & Procedure : SOP-N/01
 Environmental Conditions : Normal
 Analysis Duration : 01/06/2013

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Equivalent Noise Level	SOP-N/94/01	65.8	dB (A)

** End of Report **

Notes :

- The results given above are related to the observed values, at the time of monitoring.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory
- The test report will not be used for any publicity/legal purpose.
- Responsibility of the Laboratory is limited to the invoiced amount only.

For E. P. E. P. L.

EKO PRO ENGINEERS PVT. LTD.

(Analytical Division)

(An ISO 9001: 2008 Certified Company)

Office & Laboratory: 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009, UP, INDIA.
 e-mail: labs@ekopro.in, ekoproengineers@gmail.com, epeplgzb@gmail.com, epeplgzb@yahoo.com, www.ekopro.in
 Telefax : +91-120-2867931, 2867940, 9711159337, 9711159210, 9711163422

TEST REPORT**Noise Monitoring**

Report Code : 70031051339

Issue Date: 03/06/2013

Issued To : UNITY INFRAPROJECTS LTD.
 NEAR - CHHATRA MARG
 OPP. - PATEL CHEST INSTITUTE
 UNIVERSITY CAMPUS
 NEW DELHI - 110007

Project Name : Delhi university north campus, Delhi
 Sample Description : DG Noise from Labour Camp (Dhaka) (UIL/G01-2/62)
 Sample Drawn on : 30/05/2013
 Sample Drawn by : EPEPL (Mr. Anuj)
 Sample Received on : 31/05/2013
 Sampling Location : 1 Meter away from DG Set (62.5 KVA)
 (When DG Set was running)
 Sampling Plan & Procedure : SOP-N/01
 Environmental Conditions : Normal
 Analysis Duration : 01/06/2013

RESULTS

S.No.	PARAMETER	TEST METHOD	RESULT	UNIT
1	Equivalent Noise Level	SOP-N/94/01	62.5	dB (A)

** End of Report **

Notes :

- The results given above are related to the observed values, at the time of monitoring.
- The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- Responsibility of the Laboratory is limited to the invoiced amount only.

For E. P. E. P. L.



By hand.

ENGINEERING DEPARTMENT
(NORTH CAMPUS)
UNIVERSITY OF DELHI
DELHI - 110007
PHONE: 27667157, 27667725-EXT.1700-1705
FAX NO: 911 - 27666007

REF. NO. UE/ 113 /DU/ (2013-14) DATED: 08.04.2013
9/4/13

The Secretary
Delhi Pollution Control Committee
4th floor, ISBT building
Kashmere Gate
Delhi-110006

Sub: Development of Infrastructure facilities for Institutional buildings at Delhi University - Submission of periodic Environmental monitoring reports- Construction phase.

Dear Sir,

With reference to the SEIAA approval letter No. F.No. 82/DPCC/SEIAA-SEAC/10/2545-2549 dt. 16.03.2012, enclosed please find herewith the original copies of Environmental Monitoring Reports (22 sheets) for the environment monitoring conducted at respective construction sites of Institutional buildings project which has been conducted by M/s Spectro Analytical Labs Limited, NABL accredited and MoEF approved lab and in-line with DPCC requirement.

Thanking you,

Yours faithfully

dhf
08/04/13

[Signature]
University Engineer

Encl: Environmental Monitoring Reports (22 Sheets)

Copy to:

1. Site Incharge, M/s EIL for information & necessary action please.

dhf
08/04/13
[Signature]
University Engineer

Annexure- A

SL. No	Location	Report Title
1.	Examination building	Ambient Noise Monitoring Report
2.	Chemistry building	
3.	Botany building	
4.	Art & Social Science building	
5.	Dhaka Labour Camp	
6.	Examination building	Ambient Air Analysis Report
7.	Chemistry building	
8.	Botany building	
9.	Art & Social Science building	
10.	Dhaka Labour Camp	
11.	Examination building	Light Intensity Report
12.	Chemistry building	
13.	Botany building	
14.	Art & Social Science building	
15.	Chemistry building	Stack Emission Analysis Report
16.	Botany building	
17.	Dhaka Labour Camp	
18.	Dhaka Labour Camp	
19.	Chemistry building	Noise Analysis Report
20.	Botany building	
21.	Dhaka Labour Camp	
22.	Dhaka Labour Camp	

[Handwritten signature]
EIL



E-41, Okhla Indl. Area, Ph-II,
 New Delhi-110020 (INDIA)
 Ph: - 91-11-40522000, 41611000
 Fax : 91-11-40503150, 40503151
 care@spectro.in www.spectro.in

TEST REPORT

Issued To : UNITY INFRAPROJECTS LTD.(PITAMPURA) 1352,13TH FLR,AGGARWAL METRO HEIGHT NETAJI SUBHASH PLACE PITAMPURA NEW DELHI - 122016 Phone/Fax: 9953105498 Kind Attn. : MR. KAUSHLESH KUMAR	Report No.: 130226081/1302260259 Sample Description : AMBIENT NOISE Your Ref. No. :	Date: 14-Mar-2013 DOR 26-Feb-2013
--	---	--

AMBIENT NOISE MONITORING REPORT

ID: 1302260259
 Name of the Site: Unity Infra Projects :(University Of Delhi-North Campus)
 Location: Near Examination Building
 Date: 26/02/2013 to 27/02/2013

Time	Hourly Leq dB (A)	Result dB (A)	
		Leq	59.4
MIDNIGHT	45.4	L10	64.1
1:00 AM	45.1	L50	62.2
2	46.7	L90	59.9
3	44.5	Lday	61.1
4	47.2	Lnight	46.2
5	48.7	Ldn	60.0
6	49.3	Lmax	64.5
7	50.7	Lmin	44.5
8	55.6		
9	59.1		
10	63.6		
11	63.2		
12 NOON	64.5		
13	63.7		
14	64.2		
15	61.3		
16	62.6		
17	63.4		
18	59.3		
19	55.2		
20	53.3		
21	47.5		
22	46.4		
23	46.3		

Area	Category of Area	Limits in day (dB)	Limits in Night (dB)
A	Industrial	75	70
B	Commercial	65	55
C	Residential	55	45
D	Silence Zone	50	40

Protocol: IS 4954: 1968

Analyst



Authorized Signatory

Authorised Signatory

Protocol: IS 4954: 1968

Area	Category of Area	Limits in day (dB)	Limits in Night (dB)
A	Industrial	75	70
B	Commercial	65	55
C	Residential	55	45
D	Silence Zone	50	40



Time	Hourly Leq dB (A)	Result dB (A)
MIDNIGHT	44.7	59.6
1:00 AM	45.2	65.4
2	45.8	62.4
3	44.1	60.2
4	45.4	61.3
5	47.2	47.7
6	49.3	60.4
7	51.1	66.1
8	52.5	44.1
9	56.9	
10	61.4	
11	64.2	
12 NOON	65.4	
13	66.1	
14	64.4	
15	63.9	
16	61.2	
17	59.2	
18	58.3	
19	57.0	
20	56.2	
21	52.2	
22	49.3	
23	47.6	

Name of the Site: Unity Infra Projects:(University Of Delhi-North Campus)
 Location: Near Chemistry building
 Date: 26/02/2013 to 27/02/2013

AMBIENT NOISE MONITORING REPORT

ID: 1302260259

Issued To: UNITY INFRAPROJECTS LTD.(PITAMPURA)
 1352,13TH FLR,AGARWAL METRO HEIGHT
 NETAJI SUBHASH PLACE
 PITAMPURA NEW DELHI - 122016
 Phone/Fax: 9953105498
 MR. KAUSHLESH KUMAR
 Kind Attn: :
 Your Ref. No. :

Report No.: 130226081/1302260259
 Date: 14-Mar-2013
 DOR 26-Feb-2013
 Sample Description: AMBIENT NOISE



TEST REPORT

E-41, Okhla Indl. Area, Ph-II,
 New Delhi-110020 (INDIA)
 Ph: - 91-11-40522000, 41611000
 Fax: 91-11-40503150, 40503151
 care@spectro.in www.spectro.in

TEST REPORT

Issued To : **UNITY INFRAPROJECTS LTD.(PITAMPURA)**
 1352,13TH FLR,AGGARWAL METRO HEIGHT
 NETAJI SUBHASH PLACE
 PITAMPURA NEW DELHI - 122016
 Phone/Fax: 9953105498
 Kind Attn: MR. KAUSHLESH KUMAR

Report No.: 130226081/1302260259
 Date: 14-Mar-2013
 Sample Description :
 AMBIENT NOISE
 DOR 26-Feb-2013
 Your Ref. No. :

ID: 1302260259

AMBIENT NOISE MONITORING REPORT

Name of the Site: Unity Infra Projects :(University Of Delhi-North Campus)
 Location: Near Botany building
 Date: 27/02/2013 to 28/02/2013

Time	Hourly Leq dB (A)	Result dB (A)	
MIDNIGHT	45.1	Leq	54.5
1:00 AM	47.2	L10	58.3
2	46.7	L50	56.8
3	46.1	L90	55.0
4	47.4	Lday	55.9
5	49.3	Lnight	47.8
6	50.3	Ldn	56.6
7	52.4	Lmax	58.8
8	53.6	Lmin	45.1
9	54.9		
10	55.3		
11	56.2		
12 NOON	58.8		
13	57.1		
14	57.9		
15	55.3		
16	56.8		
17	57.6		
18	58.1		
19	56.8		
20	53.3		
21	51.7		
22	48.3		
23	45.9		



Area	Category of Area	Limits in day (dB)	Limits in Night (dB)
A	Industrial	75	70
B	Commercial	65	55
C	Residential	55	45
D	Silence Zone	50	40

Protocol: IS 4954: 1968

[Signature]
 Analyst: DISHANJIPANJANA 1408090



[Signature]
 Authorised Signatory

TEST REPORT

Issued To : **UNITY INFRAPROJECTS LTD.(PITAMPURA)**
1352,13TH FLR,AGGARWAL METRO HEIGHT
NETAJI SUBHASH PLACE

Sample Description :
AMBIENT NOISE

Report No.: 130226081/1302260259

Date: 14-Mar-2013
DOR 26-Feb-2013

PITAMPURA NEW DELHI - 122016

Phone/Fax: 9953105498
Kind Attn. : MR. KAUSHLESH KUMAR

Your Ref. No. :

ID: 1302260259

AMBIENT NOISE MONITORING REPORT

Name of the Site: Unity Infra Projects :(University Of Delhi-North Campus)
Location: Arts and social Science Building
Date: 27/02/2013 to 28/02/2013

Time	Hourly Leq dB (A)	Result dB (A)	
		Leq	
MIDNIGHT	44.9	Leq	57.9
1:00 AM	44.1	L10	62.5
2	45.4	L50	60.6
3	44.5	L90	58.5
4	45.3	Lday	59.6
5	46.1	Lnight	48.0
6	50.2	Ldn	59.1
7	51.7	Lmax	62.8
8	53.1	Lmin	44.1
9	57.9		
10	60.4		
11	61.8		
12 NOON	60.4		
13	62.8		
14	60.3		
15	61.6		
16	62.7		
17	59.4		
18	61.7		
19	57.9		
20	55.5		
21	52.6		
22	50.9		
23	46.1		



Area	Category of Area	Limits in day (dB)	Limits in Night (dB)
A	Industrial	75	70
B	Commercial	65	55
C	Residential	55	45
D	Silence Zone	50	40

Protocol: IS 4954: 1968

[Signature]
Ambhet



[Signature]
Authorised Signatory

TEST REPORT

Issued To : **UNITY INFRAPROJECTS LTD.(PITAMPURA)**
1352,13TH FLR,AGGARWAL METRO HEIGHT
NETAJI SUBHASH PLACE
PITAMPURA NEW DELHI - 122016
Phone/Fax: 9953105498
Kind Attn.: MR. KAUSHLESH KUMAR

Report No.: 130226081/1302260259
Date: 14-Mar-2013
DOR 26-Feb-2013

Sample Description :
AMBIENT NOISE

Your Ref. No. :

ID: 1302260259

AMBIENT NOISE MONITORING REPORT

Name of the Site: Unity Infra Projects :(University Of Delhi-North Campus)
Location: Near Dhaka Labour Camp
Date: 27/02/2013 to 28/02/2013

Time	Hourly Leq dB (A)	Result dB (A)	
		Leq	Result
MIDNIGHT	46.2	Leq	58.1
1:00 AM	44.9	L10	63.3
2	45.4	L50	60.7
3	44.7	L90	58.6
4	45.3	Lday	59.6
5	46.1	Lnight	49.0
6	48.2	Ldn	59.4
7	51.7	Lmax	63.8
8	54.8	Lmin	44.7
9	55.9		
10	57.4		
11	57.9		
12 NOON	59.4		
13	63.8		
14	63.4		
15	61.6		
16	62.7		
17	60.4		
18	61.7		
19	58.3		
20	57.5		
21	54.6		
22	50.9		
23	47.1		



Area	Category of Area	Limits in day (dB)	Limits in Night (dB)
A	Industrial	75	70
B	Commercial	65	55
C	Residential	55	45
D	Silence Zone	50	40

Protocol: IS 4954: 1968

Analyst



Authorized Signatory

TEST REPORT

Issued To : **UNITY INFRAPROJECTS LTD.(PITAMPURA)**
1352,13TH FLR,AGGARWAL METRO HEIGHT
NETAJI SUBHASH PLACE

Sample Description :
AMBIENT AIR

Report No.: 130226081/1302260261

Date: 14-Mar-2013
DOR 26-Feb-2013

PITAMPURA NEW DELHI - 122016

Phone/Fax: 9953105498
Kind Attn.: MR. KAUSHLESH KUMAR

Your Ref. No. :

ID: 1302260261

Ambient Air Analysis Report

Name & Address of the Company	-	M/s Unity Infra Projects Limited: 1352, Aggarwal Metro heights, Netaji Subhash Place, New Delhi-110034
Name of the Site	-	Unity Infra Projects:(University Of Delhi-North Campus)
Location of Sampling Point	-	Near Examination Building
Date of Sampling	-	25/02/2013
Sampling Started at	-	01:00 P.M. (26/02/2013)
Sampling Completed at	-	01:00 P.M. (27/02/2013)
Actual Time of Sampling (minutes)	-	1440
Av. Flow Rate for SPM (m ³ /min.)	-	1.05
Total Volume of Air Sampled for SPM (m ³)	-	1512
Average Ambient Temperature (°C)	-	27
Purpose of Monitoring	-	To Assess Pollution Load

PARAMETERS	RESULTS	Limits as per CPCB (MOEF)	
		Industrial, Residential, Rural & other areas	Ecologically Sensitive Area (notified by Central Government)
Particulate Matter PM _{2.5} (µg/m ³)	- 71	60	60
Particulate Matter PM ₁₀ (µg/m ³)	- 133	100	100
Sulphur Dioxide (as SO ₂) (µg/m ³)	- <5.0	80	80
Oxides of Nitrogen (as NO ₂) (µg/m ³)	- 33.7	80	80
Carbon Monoxide (as CO), (mg/m ³)	- 1.05	02	02
Ozone (as O ₃) (µg/m ³)	- 31.3	100	100
Lead (as Pb) (µg/m ³)	- N.D	1.0	1.0
Ammonia (as NH ₃) (µg/m ³)	- 18.2	400	400
Benzene (as C ₆ H ₆) (µg/m ³)	- N.D	05	05
Benzo (O) Pyrene (as BaP) (ng/m ³)	- N.D	01	01
Arsenic (as As) (ng/m ³)	- N.D	06	06
Nickel (as Ni) (ng/m ³)	- N.D	20	20

Protocol - IS: 5182 (Pt- 2, 6, 10 & 23), EPA Guideline/GC/ICP

Analyst



Authorised Signatory



E-41, Okhla Indl. Area, Ph-II,
 New Delhi-110020 (INDIA)
 Ph: - 91-11-40522000, 41611000
 Fax : 91-11-40503150, 40503151
 care@spectro.in www.spectro.in

TEST REPORT

Issued To : **UNITY INFRAPROJECTS LTD.(PITAMPURA)**
 1352,13TH FLR,AGGARWAL METRO HEIGHT
 NETAJI SUBHASH PLACE
 PITAMPURA NEW DELHI - 122016
 Phone/Fax: 9953105498
 Kind Attn. : MR. KAUSHLESH KUMAR

Sample Description : **AMBIENT AIR**

Report No.: 130226081/1302260261
 Date: 14-Mar-2013
 DOR 26-Feb-2013

Your Ref. No. :

ID: 1302260261				
Ambient Air Analysis Report				
Name & Address of the Company	-	M/s Unity Infra Projects Limited: 1352, Aggarwal Metro heights, Netaji Subhash Place, New Delhi-110034		
Name of the Site	-	Unity Infra Projects:(University Of Delhi-North Campus)		
Location of Sampling Point	-	Near Chemistry Building		
Date of Sampling	-	26/02/2013		
Sampling Started at	-	02:10 P.M. (26/02/2013)		
Sampling Completed at	-	02:10 P.M. (27/02/2013)		
Actual Time of Sampling (minutes)	-	1440		
Av. Flow Rate for SPM (m ³ /min.)	-	1.1		
Total Volume of Air Sampled for SPM (m ³)	-	1584		
Average Ambient Temperature (°C)	-	27		
Purpose of Monitoring	-	To Assess Pollution Load		
PARAMETERS	RESULTS	Limits as per CPCB (MOEF)		
		Industrial, Residential, Rural & other areas	Ecologically Sensitive Area (notified by Central Government)	
Particulate Matter PM _{2.5} (µg/m ³)	- 51	60	60	
Particulate Matter PM ₁₀ (µg/m ³)	- 109	100	100	
Sulphur Dioxide (as SO ₂) (µg/m ³)	- < 5.0	80	80	
Oxides of Nitrogen (as NO ₂) (µg/m ³)	- 35.4	80	80	
Carbon Monoxide (as CO), (mg/m ³)	- 1.12	02	02	
Ozone (as O ₃) (µg/m ³)	- 40.3	100	100	
Lead (as Pb) (µg/m ³)	- N.D	1.0	1.0	
Ammonia (as NH ₃) (µg/m ³)	- 22.5	400	400	
Benzene (as C ₆ H ₆) (µg/m ³)	- N.D	05	05	
Benzo (O) Pyrene (as BaP) (ng/m ³)	- N.D	01	01	
Arsenic (as As) (ng/m ³)	- N.D	06	06	
Nickel (as Ni) (ng/m ³)	- N.D	20	20	
Protocol – IS: 5182 (Pt – 2, 6, 10 & 23), EPA Guideline/GC/ICP				

Analyst



Authorised Signatory

TEST REPORT

Client: UNITY INFRAPROJECTS LTD.(PITAMPURA)
 1352,13TH FLR,AGGARWAL METRO HEIGHT
 NETAJI SLIBHASH PLACE
 PITAMPURA NEW DELHI - 122016
Phone/Fax: 9953105498
Attn.: MR. KAUSHLESH KUMAR

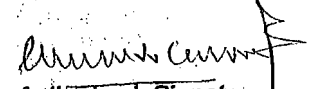
Report No.: 130226081/1302260261
Date: 14-Mar-2013
DOR: 26-Feb-2013

Sample Description: AMBIENT AIR
Your Ref. No.:

ID: 1302260261			
Ambient Air Analysis Report			
Name & Address of the Company	-	M/s Unity Infra Projects Limited: 1352, Aggarwal Metro heights, Netaji Subhash Place, New Delhi-110034	
Name of the Site	-	Unity Infra Projects:(University Of Delhi-North Campus)	
Location of Sampling Point	-	Near Botany Building	
Date of Sampling	-	26/02/2013	
Sampling Started at	-	02:40 P.M. (26/02/2013)	
Sampling Completed at	-	02:40 P.M. (27/02/2013)	
Actual Time of Sampling (minutes)	-	1440	
Av. Flow Rate for SPM (m ³ /min.)	-	1.15	
Total Volume of Air Sampled for SPM (m ³)	-	1656	
Average Ambient Temperature (°C)	-	27	
Purpose of Monitoring	-	To Assess Pollution Load	
PARAMETERS	RESULTS	Limits as per CPCB (MOEF)	
		Industrial, Residential, Rural & other areas	Ecologically Sensitive Area (notified by Central Government)
Particulate Matter PM _{2.5} (µg/m ³)	- 54	60	60
Particulate Matter PM ₁₀ (µg/m ³)	- 117	100	100
Sulphur Dioxide (as SO ₂) (µg/m ³)	- < 5.0	80	80
Oxides of Nitrogen (as NO ₂) (µg/m ³)	- 39.1	80	80
Carbon Monoxide (as CO), (mg/m ³)	- 1.20	02	02
Ozone (as O ₃) (µg/m ³)	- 33.7	100	100
Lead (as Pb) (µg/m ³)	- N.D	1.0	1.0
Ammonia (as NH ₃) (µg/m ³)	- 19.8	400	400
Benzene (as C ₆ H ₆) (µg/m ³)	- N.D	05	05
Benzo (O) Pyrene (as BaP) (ng/m ³)	- N.D	01	01
Arsenic (as As) (ng/m ³)	- N.D	06	06
Nickel (as Ni) (ng/m ³)	- N.D	20	20
Protocol - IS: 5182 (Pt - 2, 6, 10 & 23) - EPA Guideline/GC/ICP			

Analyst




 Authorised Signatory

TEST REPORT

Issued To : **UNITY INFRAPROJECTS LTD.(PITAMPURA)**
1352,13TH FLR,AGGARWAL METRO HEIGHT
NETAJI SUBHASH PLACE
PITAMPURA NEW DELHI - 122016
Phone/Fax: 9953105498
Kind Attn.: MR. KAUSHLESH KUMAR

Report No.: 130226081/1302260261
Date: 14-Mar-2013
DOR 26-Feb-2013

Sample Description :
AMBIENT AIR

Your Ref. No. :

ID: 1302260261			
Ambient Air Analysis Report			
Name & Address of the Company	-	M/s Unity Infra Projects Limited: 1352, Aggarwal Metro heights, Netaji Subhash Place, New Delhi-110034	
Name of the Site	-	Unity Infra Projects:(University Of Delhi-North Campus)	
Location of Sampling Point	-	Arts and Social Science Building	
Date of Sampling	-	26/02/2013	
Sampling Started at	-	02:10 P.M. (26/02/2013)	
Sampling Completed at	-	02:10 P.M. (27/02/2013)	
Actual Time of Sampling (minutes)	-	1440	
Av. Flow Rate for SPM (m ³ /min.)	-	1.05	
Total Volume of Air Sampled for SPM (m ³)	-	1512	
Average Ambient Temperature (°C)	-	27	
Purpose of Monitoring	-	To Assess Pollution Load	
PARAMETERS	RESULTS	Limits as per CPCB (MOEF)	
		Industrial, Residential, Rural & other areas	Ecologically Sensitive Area (notified by Central Government)
Particulate Matter PM _{2.5} (µg/m ³)	- 55	60	60
Particulate Matter PM ₁₀ (µg/m ³)	- 124	100	100
Sulphur Dioxide (as SO ₂) (µg/m ³)	- <5.0	80	80
Oxides of Nitrogen (as NO ₂) (µg/m ³)	- 42.7	80	80
Carbon Monoxide (as CO), (mg/m ³)	- 1.09	02	02
Ozone (as O ₃) (µg/m ³)	- 41.8	100	100
Lead (as Pb) (µg/m ³)	- N.D	1.0	1.0
Ammonia (as NH ₃) (µg/m ³)	- 21.4	400	400
Benzene (as C ₆ H ₆) (µg/m ³)	- N.D	05	05
Benzo (O) Pyrene (as BaP) (ng/m ³)	- N.D	01	01
Arsenic (as As) (ng/m ³)	- N.D	06	06
Nickel (as Ni) (ng/m ³)	- N.D	20	20
Protocol - IS- 5182 (Pt - 2, 6, 10 & 23), EPA Guideline/GC/ICP			

Analyst



Authorised Signatory

TEST REPORT

Issued To : **UNITY INFRAPROJECTS LTD.(PITAMPURA)**
1352, 13TH FLR, AGGARWAL METRO HEIGHT
NETAJI SUBHASH PLACE

Sample Description :
AMBIENT AIR

Report No.: 130226081/1302260261

Date: 14-Mar-2013
DOR 26-Feb-2013

PITAMPURA NEW DELHI - 122016

Phone/Fax: 9953105498
Kind Attn.: MR. KAUSHLESH KUMAR

Your Ref. No.:

ID: 1302260261

Ambient Air Analysis Report

Name & Address of the Company	M/s Unity Infra Projects Limited: 1352, Aggarwal Metro heights, Netaji Subhash Place, New Delhi-110034		
Name of the Site	Unity Infra Projects:(University Of Delhi-North Campus)		
Location of Sampling Point	Near Dhaka Labour Camp		
Date of Sampling	27/02/2013		
Sampling Started at	01:30 P.M. (27/02/2013)		
Sampling Completed at	01:30 P.M. (28/02/2013)		
Actual Time of Sampling (minutes)	1440		
Av. Flow Rate for SPM (m ³ /min.)	1.1		
Total Volume of Air Sampled for SPM (m ³)	1584		
Average Ambient Temperature (°C)	27		
Purpose of Monitoring	To Assess Pollution Load		
PARAMETERS	RESULTS	Limits as per CPCB (MOEF)	
		Industrial, Residential, Rural & other areas	Ecologically Sensitive Area (notified by Central Government)
Particulate Matter PM _{2.5} (µg/m ³)	51	60	60
Particulate Matter PM ₁₀ (µg/m ³)	103	100	100
Sulphur Dioxide (as SO ₂) (µg/m ³)	<5.0	80	80
Oxides of Nitrogen (as NO ₂) (µg/m ³)	37.2	80	80
Carbon Monoxide (as CO), (mg/m ³)	1.02	02	02
Ozone (as O ₃) (µg/m ³)	36.4	100	100
Lead (as Pb) (µg/m ³)	N.D	1.0	1.0
Ammonia (as NH ₃) (µg/m ³)	21.3	400	400
Benzene (as C ₆ H ₆) (µg/m ³)	N.D	05	05
Benzo (O) Pyrene (as BaP) (ng/m ³)	N.D	01	01
Arsenic (as As) (ng/m ³)	N.D	06	06
Nickel (as Ni) (ng/m ³)	N.D	20	20

Protocol - IS: 5182 (Pt - 2, 6, 10 & 23), EPA Guideline/GC/ICP

[Signature]
Analyst



[Signature]
Authorised Signatory

TEST REPORT

Issued To : **UNITY INFRAPROJECTS LTD.(PITAMPURA)**
1352, 13TH FLR, AGGARWAL METRO HEIGHT
NETAJI SUBHASH PLACE
PITAMPURA NEW DELHI - 122016
Phone/Fax: 9953105498
Kind Attn.: MR. KAUSHLESH KUMAR

Report No.: 130226081/1302260262 Date: 14-Mar-2013
DOR 26-Feb-2013

Sample Description :
LIGHT INTENSITY

Your Ref. No. :

ID: 1302260262

Light Intensity Report

Name & Address of the Industry	-	M/s Unity Infra Projects Limited: 1352, Aggarwal Metro heights, Netaji Subhash Place, New Delhi-110034	
Date of Sampling	-	28/02/2013	
Location of Sampling	-	Unity Infra Projects:(University Of Delhi-North Campus) Near Examination Building	
Sampling Completed at	-	07.30 P.M (28/02/2013)	
<u>PARAMETERS</u>		<u>RESULTS</u>	<u>LIMITS</u> As per [IS:3646 (Part-I) :1992
Light Intensity (LUX)	-	183	50-150



[Signature]
Analyst

SAL

[Signature]
Authorised Signatory

TEST REPORT

Issued To : **UNITY INFRAPROJECTS LTD.(PITAMPURA)**
1352,13TH FLR,AGGARWAL METRO HEIGHT
NETAJI SUBHASH PLACE
PITAMPURA NEW DELHI - 122016
Phone/Fax: 9953105498
Kind Attn. : MR. KAUSHLESH KUMAR

Sample Description :
LIGHT INTENSITY

Report No. : 130226081/1302260262

Date: 14-Mar-2013
DOR 26-Feb-2013

Your Ref. No. :

ID: 1302260262

Light Intensity Report

Name & Address of the Industry	-	M/s Unity Infra Projects Limited: 1352, Aggarwal Metro heights, Netaji Subhash Place, New Delhi-110034	
Date of Sampling	-	28/02/2013	
Location of Sampling	-	Unity Infra Projects:(University Of Delhi-North Campus)Near Chemistry Building	
Sampling Completed at	-	07.50 P.M (28/02/2013)	
PARAMETERS		RESULTS	LIMITS As per [IS:3646 (Part-1) :1992]
Light Intensity (LUX)	-	193	50-150



Analyst



Authorised Signatory

TEST REPORT

Issued To : **UNITY INFRAPROJECTS LTD.(PITAMPURA)**
1352,13TH FLR,AGGARWAL METRO HEIGHT
NETAJI SUBHASH PLACE
PITAMPURA NEW DELHI - 122016
Phone/Fax: 9953105498
Kind Attn. : MR. KAUSHLESH KUMAR

Sample Description :
LIGHT INTENSITY

Report No.: 130226081/1302260262

Date: 14-Mar-2013
DOR 26-Feb-2013

Your Ref. No. :

ID: 1302260262

Light Intensity Report

Name & Address of the Industry	-	M/s Unity Infra Projects Limited: 1352, Aggarwal Metro heights, Netaji Subhash Place, New Delhi-110034	
Date of Sampling	-	28/02/2013	
Location of Sampling	-	Unity Infra Projects:(University Of Delhi-North Campus) Near Botany Building	
Sampling Completed at	-	08.10 P.M (28/02/2013)	
<u>PARAMETERS</u>		<u>RESULTS</u>	<u>LIMITS</u> As per [IS:3646 (Part-1) :1992]
Light Intensity (LUX)	-	179	50-150



Analyst

S A L

Authorised Signatory

TEST REPORT

Issued To : UNITY INFRAPROJECTS LTD.(PITAMPURA) 1352,13TH FLR,AGGARWAL METRO HEIGHT NETAJI SUBHASH PLACE PITAMPURA NEW DELHI - 122016 Phone/Fax: 9953105498 Kind Attn. : MR. KAUSHLESH KUMAR	Report No.: 130226081/1302260262 Sample Description : LIGHT INTENSITY Your Ref. No. :	Date: 14-Mar-2013 DOR 26-Feb-2013
--	--	--------------------------------------

ID: 1302260262		
Light Intensity Report		
Name & Address of the Industry	-	M/s Unity Infra Projects Limited: 1352, Aggarwal Metro heights, Netaji Subhash Place, New Delhi-110034
Date of Sampling	-	28/02/2013
Location of Sampling	-	Unity Infra Projects:(University Of Delhi-North Campus) Arts and Social Science Building
Sampling Completed at	-	08.25 P.M (28/02/2013)
<u>PARAMETERS</u>		<u>RESULTS</u>
		<u>LIMITS</u> As per [IS:3646 (Part-1) :1992]
Light Intensity (LUX)	-	191 50-150



[Signature]
 Analyst



[Signature]
 Authorised Signatory