



**RP - Sanjiv Goenka
Group**
Growing Legacies



Dhariwal Infrastructure Limited

CIN : U70109WB2006PLC111457
E-mail : dhariwalinfrastructure@rpsg.in

Ref: DIL/HSE/F-08/21-22/53

Date : 28.09.2021

To,
The Member Secretary,
Maharashtra Pollution Control Board,
Kalpataru Point, 3rd Floor,
Sion Matunga Road No.8,
Sion East,
Mumbai-400022.

**Sub: Submission of Environmental Statement for the financial year ending 31st
March 2021.**

Dear Sir,

We have submitted online, the Annual Environment Statement for the financial year 2020-21 on EC MPCB Portal. Copy of the Environment Statement (Form-V) downloaded from EC MPCB portal along with annexures is attached herewith for your ready reference.

We also want to inform you that due to size constraint in the online application, we had attached compiled Analysis report (Water & Air & Hazardous Waste) for the financial year 2020-21 from recognized laboratory by MoEF, however original reports are attached herewith along this letter.

We hope you will find the same in order.

Thanking you,

Yours Faithfully,
For Dhariwal Infrastructure Limited.

Authorized Signatory

CC:

1. The Regional Officer,
Maharashtra Pollution Control Board,
1st Floor, Udyog Bhawan,
Chandrapur (Maharashtra).
2. Sub Regional Officer,
Maharashtra Pollution Control Board,
1st Floor, Udyog Bhawan,
Chandrapur (Maharashtra).



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2021

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000037402

Submitted Date

28-09-2021

PART A

Company Information

Company Name

Dhariwal Infrastructure Limited

Application UAN number

UAN No. 0000098447

Address

Dhariwal Infrastructure Limited, Plot No.C-6, C-7 & C-8, Tadali Growth Centre , MIDC Tadali, Chandrapur-442406, Maharashtra.

Plot no

C-6, C-7 & C-8

Taluka

Tadali Industrial area MIDC

Village

Tadali

Capital Investment (In lakhs)

390450.00

Scale

LSI

City

Chandrapur

Pincode

442406

Person Name

Soumen Barua

Designation

General Manager

Telephone Number

9307900152

Fax Number

07172237992

Email

dil.hse@rpsg.in

Region

SRO-Chandrapur

Industry Category

Red

Industry Type

R48 Thermal Power Plants

Last Environmental statement submitted online

yes

Consent Number

Format 1.0/CAC/UAN No. 0000098447/CR-2101000005

Consent Issue Date

2021-01-01

Consent Valid Upto

2021-10-31

Establishment Year

2014

Date of last environment statement submitted

Sep 11 2020 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name

Electricity Generation

Consent Quantity

5256000

Actual Quantity

4228798.0

UOM

Mwh

By-product Information

By Product Name

0

Consent Quantity

0

Actual Quantity

0

UOM

Mwh

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day		
Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
	5280.00	1238.00
Cooling	49440.00	23411.00
Domestic	60.00	46.00
All others	50.00	29.00
Total	54830.00	24724.00

2) Effluent Generation in CMD / MLD			
Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	7776	1582	CMD
Domestic Effluent	36	29	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)			
Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Power Generation	2.18	2.13	CMD

3) Raw Material Consumption (Consumption of raw material per unit of product)			
Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Coal	0.652708	0.649058	MT/MWH
LDO	0.00018462	0.000052610	

4) Fuel Consumption			
Fuel Name	Consent quantity	Actual Quantity	UOM
Coal	4029600	2744739	MT/A
LDO	4066	222.48	KL/A

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)					
[A] Water					
Pollutants Detail	Quantity of Pollutants discharged (KL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons	Standard	Reason
Our Industry is ZLD	0	0	0	2100	0

[B] Air (Stack)					
Pollutants Detail	Quantity of Pollutants discharged (KL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
Stack-1 (Particulate Matter)	580	27.07	0	50	0
Stack-2 (Particulate Matter)	572	26.93	0	50	0

Part-D**HAZARDOUS WASTES****1) From Process**

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	67.72	39.41	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	37	7	Nos./Y
Other Hazardous Waste	0	2.44	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
35.3 Chemical sludge from waste water treatment	0.24	0.1	MT/A

Part-E**SOLID WASTES****1) From Process**

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
FLY ASH	669556	837862	MT/A
BOTTOM ASH	74595	93464	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
BIOLOGICAL SLUDGE	0	0	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	39.41	MT/A	Well below the norms, Testing reports attached.
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	7	Nos./Y	Well below the norms
Other Hazardous Waste	2.44	MT/A	It is Glass Wool
35.3 Chemical sludge from waste water treatment	0.1	MT/A	Well below the norms

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
FLY ASH	837862	MT/A	NA
BOTTOM ASH	93464	MT/A	NA

Part-G*

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
2019-20	553	0.46	0	844523000	483.5	0
2020-21	579	1.5	11586	1014911520	293.05	0

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Partition of ash pond for continuous lifting of bottom ash, Construction of roads, Installation of DFDS systems, Ammonia dosing system installation etc	Expenditure made on Air pollution, Water pollution and Land pollution control measures, Greenery development and other Environmental protection measures.	293.05

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Construction of roads & drains, Water harvesting & waste management, Environmental monitoring, Green belt development, DFDS system at silo, Purchase of bicycle for employee movement inside plant. etc	Expenditure proposed for on Air pollution, Water pollution and Land pollution control measures, Greenery development and other Environmental protection measures.	155

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Factory has already implemented all the necessary pollution control measures. Green belt development programme is a regular feature.

Name & Designation

SOUMEN BARUA, GENERAL MANAGER

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000037402

Submitted On:

28-09-2021



EARTHCARE LABS PRIVATE LIMITED

(Laboratory Division)

Environmental Laboratory & EIA Consultant Organization

C-11, Amar Enclave Commercial Wing, Jog Layout, Prashant Nagar, Near Ajni Square, Nagpur – 440 015, Tel & Fax: (0712) 2251470, Cell: 9766616862

Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Effluent Quality

Report No. : ELPL/QD4/TRD/5.10/EI/Apr-20/09	Report Date : 21-05-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village – Tadali, Dist - Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00457 dtd. 15-04-2020 for the period valid upto 30-04-2020	
Sample Description : Industrial Effluent	Sampling Location : ETP Outlet
Sampling Ref Method : IS 3025 (Part 1) : 1987 RA 2009	Environment Condition: Sunny (during sampling)
Sample Inward No. : ELPL/Apr-20/09/01/EI-09	
Sampling Date : 30-04-2020	Sampled by : ELPL Representative

Results of Analysis

Sr. No.	Test Parameters	Unit	Norm**	Result	Test Method
1.	pH value	–	6.5 to 8.5	7.6	IS 3025 (Part 11): 1983 RA 2017 (Clause 2.0)
2.	Total Dissolved Solids	mg/l	2100	1486.0	IS 3025 (Part 16): 1984 RA 2017
3.	Total Suspended Solids	mg/l	100	12.0	IS 3025 (Part 17): 1984 RA 2017
4.	Biochemical Oxygen Demand	mg/l	30	6.0	IS 3025 (Part 44): 1993 RA 2014
5.	Chemical Oxygen Demand	mg/l	250	110.0	IS 3025 (Part 58): 2006 RA 2017
6.	Oil & Grease	mg/l	10	<0.2	IS 3025(Part 39): 1991 RA 2014

Note : 1. **indicates Consent No. Format I.O/BO/CAC-Cell/UAN No.- 0000059605/CAC-1902000294 Dtd. 06-02-2019

2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.

Remarks: Treated effluent is meeting the norms for above parameters



For Earthcare Labs Pvt. Ltd.

(K. L. Jadhav)
Authorized Signatory & CEO



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Effluent Quality

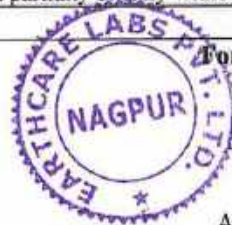
Report No. : ELPL/QD4/TRD/5.10/EI/May-20/13	Report Date : 13-06-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Industrial Effluent	Sampling Location : ETP Outlet
Sampling Ref Method : IS 3025 (Part 1) : 1987 RA 2009	Environment Condition: Sunny (during sampling)
Sample Inward No. : ELPL/May-20/09/07/EI-13	
Sampling Date : 30-05-2020	Sampled by : ELPL Representative

Results of Analysis

Sr. No.	Test Parameters	Unit	Norm**	Result	Test Method
1.	pH value	--	6.5 to 8.5	7.3	IS 3025 (Part 11): 1983 RA 2017 (Clause 2.0)
2.	Total Dissolved Solids	mg/l	2100	1432.0	IS 3025 (Part 16): 1984 RA 2017
3.	Total Suspended Solids	mg/l	100	10.0	IS 3025 (Part 17): 1984 RA 2017
4.	Biochemical Oxygen Demand	mg/l	30	4.0	IS 3025 (Part 44): 1993 RA 2014
5.	Chemical Oxygen Demand	mg/l	250	107.0	IS 3025 (Part 58): 2006 RA 2017
6.	Oil & Grease	mg/l	10	<0.2	IS 3025 (Part 39): 1991 RA 2014

Note : 1. **indicates Consent No. Format 1.0/BO/CAC-Cell/UAN No.: 0000059605/CAC-1902000294 Dtd. 06-02-2019
2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.

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For Earthcare Labs Pvt. Ltd.

(K. L. Jadhav)
Authorized Signatory & CEO



Certificate No.: TC-7572



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Environmental Laboratory & EIA Consultant Organization

(NABL QCI Accredited, MoEF Recognized, NABET QCI Accredited, ISO 9001, ISO 14001 & OHSAS 18001 Certified)

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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Effluent Quality

Report No. : ELPL/QD4/TRD/5.10/EI/June-20/17	Report Date : 03-07-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village – Tadali, Dist. Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Industrial Effluent Sampling Ref Method : IS 3025 (Part 1) : 1987 RA 2009	Sampling Location : ETP Outlet Environment Condition: Sunny (during sampling)
Sample Inward No. : ELPL/June-20/09/31/EI-17	
Sampling Date : 24-06-2020 Sample Receipt Date : 24-06-2020	Sampled by : ELPL Representative
Period of Analysis : From 25-06-2020 to 03-07-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norm**	Result	Test Method
1.	pH value	--	6.5 to 8.5	7.2	IS 3025 (Part 11): 1983 RA 2017 (Clause 2.0)
2.	Total Dissolved Solids *	mg/l	2100	1418.0	IS 3025 (Part 16): 1984 RA 2017
3.	Total Suspended Solids	mg/l	100	6.0	IS 3025 (Part 17): 1984 RA 2017
4.	Biochemical Oxygen Demand	mg/l	30	4.0	IS 3025 (Part 44): 1993 RA 2014
5.	Chemical Oxygen Demand	mg/l	250	128.4	IS 3025 (Part 58): 2006 RA 2017
6.	Oil & Grease	mg/l	10	<0.2	IS 3025(Part 39): 1991 RA 2014

Note : 1. *indicate that parameters not covered under NABL Scope of Accreditation.

2. **indicates Consent No. Format 1.0/BO/CAC-Cell/UAN No.:- 0000059605/CAC-1902000294 Dtd. 06-02-2019

3. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.

Remarks: Treated effluent is meeting the norms for above parameters



For Earthcare Labs Pvt. Ltd.

K. L. Jadhav

(K. L. Jadhav)

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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Effluent Quality

Report No. : ELPL/QD4/TRD/5.10/EI/July-20/30	Report Date : 23-07-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist - Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Industrial Effluent	Sampling Location : ETP Outlet
Sampling Ref Method : IS 3025 (Part 1) : 1987 RA 2009	Environment Condition: Sunny (during sampling)
Sample Inward No. : ELPL/July-20/09/23/EI-30	
Sampling Date : 14-07-2020	Sampled by : ELPL Representative
Sample Receipt Date : 14-07-2020	
Period of Analysis : From 15-07-2020 to 23-07-2020	

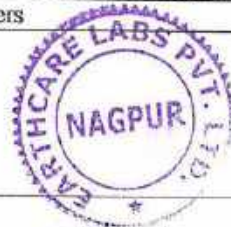
Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	pH value	--	6.5 to 8.5	7.30	IS 3025 (Part 11): 1983 RA 2017 (Clause 2.0)
2.	Total Dissolved Solids	mg/l	2100	1106.0	IS 3025 (Part 16): 1984 RA 2017
3.	Total Suspended Solids	mg/l	100	8.0	IS 3025 (Part 17): 1984 RA 2017
4.	Biochemical Oxygen Demand	mg/l	30	3.0	IS 3025 (Part 44): 1993 RA 2014
5.	Chemical Oxygen Demand	mg/l	250	116.9	IS 3025 (Part 58): 2006 RA 2017
6.	Oil & Grease	mg/l	10	<0.2	IS 3025 (Part 39): 1991 RA 2014

Note : 1.**indicates Consent No. Format 1.0/BO/CAC-Cell/UAN No.- 0000059605/CAC-1902000294 Did. 06-02-2019

2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.

Remarks: Treated effluent is meeting the norms for above parameters



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Effluent Quality

Report No. : ELPL/QD4/TRD/5.10/EI/Aug-20/09	Report Date : 14-08-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist. - Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Industrial Effluent	Sampling Location : ETP Outlet
Sampling Ref Method : IS 3025 (Part 1) : 1987 RA 2009	Environment Condition: Cloudy (during sampling)
Sample Inward No. : ELPL/Aug-20/09/02/EI-09	
Sampling Date : 04-08-2020	Sampled by : ELPL Representative
Sample Receipt Date : 04-08-2020	
Period of Analysis : From 05-08-2020 to 14-08-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	pH value	—	6.5 to 8.5	7.8	IS 3025 (Part 11): 1983 RA 2017 (Clause 2.0)
2.	Total Dissolved Solids	mg/l	2100	1235.0	IS 3025 (Part 16): 1984 RA 2017
3.	Total Suspended Solids	mg/l	100	14.0	IS 3025 (Part 17): 1984 RA 2017
4.	Biochemical Oxygen Demand	mg/l	30	4.6	IS 3025 (Part 44): 1993 RA 2014
5.	Chemical Oxygen Demand	mg/l	250	48.5	IS 3025 (Part 58): 2006 RA 2017
6.	Oil & Grease	mg/l	10	<0.2	IS 3025(Part 39): 1991 RA 2014

Note : 1.**indicates Consent No. Format 1.0/BO/CAC-Cell/UAN No.: 0000059605/CAC-1902000294 Dtd. 06-02-2019

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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Effluent Quality

Report No. : ELPL/QD4/TRD/5.10/EI/Sept-20/20	Report Date : 16-09-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Industrial Effluent	Sampling Location : ETP Outlet
Sampling Ref Method : IS 3025 (Part 1) : 1987 RA 2014	Environment Condition: Cloudy (during sampling)
Sample Inward No. : ELPL/Sept-20/09/15/EI-20	
Sampling Date : 09-09-2020	Sampled by : ELPL Representative
Sample Receipt Date : 10-09-2020	
Period of Analysis : From 10-09-2020 to 16-09-2020	

Results of Analysis

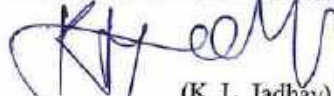
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	pH value	-	6.5 to 8.5	7.1	IS 3025 (Part 11): 1983 RA 2017 (Clause 2.0)
2.	Total Dissolved Solids	mg/l	2100	1124.0	IS 3025 (Part 16): 1984 RA 2017
3.	Total Suspended Solids	mg/l	100	8.0	IS 3025 (Part 17): 1984 RA 2017
4.	Biochemical Oxygen Demand	mg/l	30	7.5	IS 3025 (Part 44): 1993 RA 2014
5.	Chemical Oxygen Demand	mg/l	250	68.0	IS 3025 (Part 58): 2006 RA 2017
6.	Oil & Grease	mg/l	10	<0.2	IS 3025(Part 39): 1991 RA 2014

Note : 1.**indicates Consent No. Format 1.0/BO/CAC-Cell/UAN No.: 0000059605/CAC-1902000294 Dtd. 06-02-2019
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Effluent Quality

Report No. : ELPL/QD4/TRD/7.8/EI/Oct-20/16	Report Date : 16-10-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL/R:HEA.00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Industrial Effluent	Sampling Location : ETP Outlet
Sampling Ref Method : IS 3025 (Part 1) : 1987 RA 2014	Environment Condition: Sunny (during sampling)
Sample Inward No. : ELPL/Oct-20/09/12/EI-16	Sampled by : ELPL Representative
Sampling Date : 09-10-2020	
Sample Receipt Date : 09-10-2020	
Period of Analysis : From 10-10-2020 to 16-10-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	pH value	—	6.5 to 8.5	7.2	IS 3025 (Part 11): 1983 RA 2017 (Clause 2.0)
2.	Total Dissolved Solids	mg/l	2100	1218.0	IS 3025 (Part 16): 1984 RA 2017
3.	Total Suspended Solids	mg/l	100	12.0	IS 3025 (Part 17): 1984 RA 2017
4.	Biochemical Oxygen Demand	mg/l	30	8.0	IS 3025 (Part 44): 1993 RA 2019
5.	Chemical Oxygen Demand	mg/l	250	60.7	IS 3025 (Part 58): 2006 RA 2017
6.	Oil & Grease	mg/l	10	<0.2	IS 3025(Part 39): 1991 RA 2019

Note : 1.**indicates Consent No. Format 1.0/BO/CAC-Cell/UAN No.:- 0000059605/CAC-1902000294 Dtd. 06-02-2019

2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.

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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Effluent Quality

Report No. : ELPL/QD4/TRD/7.8/EI/Nov-20/17	Report Date : 23-11-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIT-R/HEA/00472 dtd 16-05-2020 for the period valid upto March 2021	
Sample Description : Industrial Effluent	Sampling Location : ETP Outlet
Sampling Ref Method : IS 3025 (Part 1) : 1987 RA 2014	Environment Condition: Sunny (during sampling)
Sample Inward No. : ELPL/Nov-20/09/13/EI-17	
Sampling Date : 11-11-2020	Sampled by : ELPL Representative
Sample Receipt Date : 11-11-2020	
Period of Analysis : From 12-11-2020 to 23-11-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	pH value	--	6.5 to 8.5	7.6	IS 3025 (Part 11): 1983 RA 2017 (Clause 2.0)
2.	Total Dissolved Solids	mg/l	2100	1246.0	IS 3025 (Part 16): 1984 RA 2017
3.	Total Suspended Solids	mg/l	100	14.0	IS 3025 (Part 17): 1984 RA 2017
4.	Biochemical Oxygen Demand	mg/l	30	9.40	IS 3025 (Part 44): 1993 RA 2019
5.	Chemical Oxygen Demand	mg/l	250	68.0	IS 3025 (Part 58): 2006 RA 2017
6.	Oil & Grease	mg/l	10	<0.2	IS 3025(Part 39): 1991 RA 2019

Note : 1.**indicates Consent No. Format 1.0/BO/CAC-Ceil/UAN No.- 0000059605/CAC-1902000294 Dtd. 06-02-2019

2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.

Remarks: Treated effluent is meeting the norms for above parameters



For Earthcare Labs Pvt. Ltd.

(K. L. Jadhav)

Authorized Signatory & CEO



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(Laboratory Division)

Environmental Laboratory & EIA Consultant Organization

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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Effluent Quality

Format No. : ELPL/QD4/TRD/7.8/EI

Report No. : ELPL/12-20/30	Report Date : 25-12-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Industrial Effluent	Sampling Location : ETP Outlet
Sampling Ref Method : IS 3025 (Part 1) : 1987 RA 2014	Environment Condition: Sunny (during sampling)
Sample Inward No. : ELPL/Dec-20/09/21/EI-30	
Sampling Date : 17-12-2020	Sampled by : ELPL Representative
Sample Receipt Date : 17-12-2020	
Period of Analysis : From 18-12-2020 to 25-12-2020	

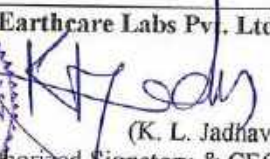
Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	pH value	--	6.5 to 8.5	7.3	IS 3025 (Part 11): 1983 RA 2017 (Clause 2.0)
2.	Total Dissolved Solids	mg/l	2100	1382.0	IS 3025 (Part 16): 1984 RA 2017
3.	Total Suspended Solids	mg/l	100	12.0	IS 3025 (Part 17): 1984 RA 2017
4.	Biochemical Oxygen Demand	mg/l	30	11.0	IS 3025 (Part 44): 1993 RA 2019
5.	Chemical Oxygen Demand	mg/l	250	75.1	IS 3025 (Part 58): 2006 RA 2017
6.	Oil & Grease	mg/l	10	<0.2	IS 3025 (Part 39): 1991 RA 2019

Note : 1.**indicates Consent No. Format 1.0/BO/CAC-Cell/UAN No.: 0000059605/CAC-1902000294 Dtd. 06-02-2019

2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.

Remarks: Treated effluent is meeting the norms for above parameters

For Earthcare Labs Pvt. Ltd.

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Test Report Effluent Quality

Format No. : ELPL/QD4/TRD/7.8/EI

Report No. : ELPL/01-21/A-30	Report Date : 28-01-2021
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Industrial Effluent	Sampling Location : ETP Outlet
Sampling Ref Method : IS 3025 (Part 1) : 1987 RA 2014	Environment Condition: Sunny (during sampling)
Sample Inward No. : ELPL/Jan-21/09/35/EI-30	Sampled by : ELPL Representative
Sampling Date : 19-01-2021	
Sample Receipt Date : 19-01-2021	
Period of Analysis : From 20-01-2021 to 28-01-2021	

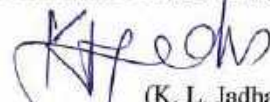
Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	pH value	--	6.5 to 8.5	7.2	IS 3025 (Part 11): 1983 RA 2017 (Clause 2.0)
2.	Total Suspended Solids	mg/l	100	10.0	IS 3025 (Part 17): 1984 RA 2017
3.	Biochemical Oxygen Demand	mg/l	30	8.0	IS 3025 (Part 44): 1993 RA 2019
4.	Chemical Oxygen Demand	mg/l	250	84.0	IS 3025 (Part 58): 2006 RA 2017
5.	Oil & Grease	mg/l	10	BDL	IS 3025(Part 39): 1991 RA 2019

Note : 1. **indicates Consent No. Format I.O/CAC/UAN No. 0000098447/CR-2101000005 Dtd. 01-01-2021
2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.

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Test Report Effluent Quality

Format No. : ELPL/QD4/TRD/7.8/EI

Report No. : ELPL/02-21/A-21	Report Date : 22-02-2021
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Industrial Effluent	Sampling Location : ETP Outlet
Sampling Ref Method : IS 3025 (Part 1) : 1987 RA 2014	Environment Condition: Sunny (during sampling)
Sample Inward No. : ELPL/Feb-21/09/33/EI-21	
Sampling Date : 13-02-2021	Sampled by : ELPL Representative
Sample Receipt Date : 13-02-2021	
Period of Analysis : From 15-02-2021 to 22-02-2021	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	pH value	--	6.5 to 8.5	7.4	IS 3025 (Part 11): 1983 RA 2017 (Clause 2.0)
2.	Total Suspended Solids	mg/l	100	22.0	IS 3025 (Part 17): 1984 RA 2017
3.	Biochemical Oxygen Demand	mg/l	30	9.0	IS 3025 (Part 44): 1993 RA 2019
4.	Chemical Oxygen Demand	mg/l	250	96.0	IS 3025 (Part 58): 2006 RA 2017
5.	Oil & Grease	mg/l	10	BDL	IS 3025(Part 39): 1991 RA 2019

Note : 1. **indicates Consent No. Format 1.0/CAC/UAN No. 0000098447/CR-2101000005 Dtd. 01-01-2021

2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.

For Earthcare Labs Pvt. Ltd.



(Signature)
(K. L. Jadhav)
Authorized Signatory & CEO



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Test Report Effluent Quality

Format No. : ELPL/OD4/TRD/7.8/EI

Report No. : ELPL/03-21/A-36	Report Date : 23-03-2021
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village – Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Industrial Effluent	Sampling Location : ETP Outlet
Sampling Ref Method : IS 3025 (Part 1) : 1987 RA 2014	Environment Condition: Sunny (during sampling)
Sample Inward No. : ELPL/Mar-21/09/32/EI-36	Sampled by : ELPL Representative
Sampling Date : 16-03-2021	
Sample Receipt Date : 16-03-2021	
Period of Analysis : From 17-03-2021 to 23-03-2021	

Results of Analysis

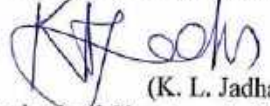
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	pH value	--	6.5 to 8.5	7.6	IS 3025 (Part 11): 1983 RA 2017 (Clause 2.0)
2.	Total Suspended Solids	mg/l	100	16.0	IS 3025 (Part 17): 1984 RA 2017
3.	Biochemical Oxygen Demand	mg/l	30	17.0	IS 3025 (Part 44): 1993 RA 2019
4.	Chemical Oxygen Demand	mg/l	250	98.0	IS 3025 (Part 58): 2006 RA 2017
5.	Oil & Grease	mg/l	10	BDL	IS 3025 (Part 39): 1991 RA 2019

Note : 1. **indicates Consent No. Format 1.0/CAC/UAN No. 0000098447/CR-2101000005 Dtd. 01-01-2021

2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of EIPL.



For Earthcare Labs Pvt. Ltd.


(K. L. Jadhav)

Authorized Signatory & CEO



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**Test Report
Stack Emission Quality**

Format No. : ELPL/OD4/TRD/7.8/S

Report No. : ELPL/03-21/A-38	Report Date: 23-03-2021
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village – Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL: R: HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample Sampling Ref Method : IS 11255 (Part 3) : 2008 Sample Inward No. : ELPL/Mar-21/09/36/S-38	Sampling Location : TPP Unit-I Environment Condition: Sunny (during sampling)
Sampling Date : 17-03-2021	Sampled by : ELPL Representative
Stack Height : 275.0 mtr Stack Diameter at Port : 5.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 124.0 °C Velocity of Flue Gas : 20.2 m/sec Flow Rate of Flue Gas : 1050899.1 Nm ³ /hr Moisture : 0.72 Oxygen : 5.8 % CO ₂ : 12.3 %
Period of Analysis : From 17-03-2021 to 23-03-2021	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	21.2	IS 11255 (Part 1):1985 RA 2019
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	982.8	IS 11255 (Part 2):1985 RA 2019
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	1032.8	IS 11255 (Part 2):1985 RA 2019
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	327.2	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	173.9	IS 11255 (Part 7):2005 RA 2017

Note : 1. **indicates Consent No. Format 1.0/CAC/UAN No. 0000098447/CR-2101000005 Dtd. 01-01-2021
 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.
 3. Instrument Calibration Details : LES Stack Sampler APM 160, SL No: 53-DTD-2015. Certificate No:20080102-08, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021. Traceability Certificate No. i) P SL/1147/0815/P/873 ii) 15080562/D5.08/C-012, iii) C&IJ/CAL/15-05/010 iv) 6140942 v) 6140940 vi) CAW 428 1506 038



For Earthcare Labs Pvt. Ltd.

(K. L. Jadhav)

Authorized Signatory & CEO



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

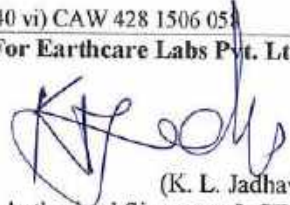
Test Report

Stack Emission Quality

Format No. : ELPL/QD4/TRD/7.8/S

Report No. : ELPL/03-21/B-38	Report Date: 23-03-2021
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL: R: HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample Sampling Ref Method : IS 11255 (Part 3) : 2008 Sample Inward No. : ELPL/Mar-21/09/36/S-38	Sampling Location : TPP Unit-I Environment Condition: Sunny (during sampling)
Sampling Date : 17-03-2021	Sampled by : ELPL Representative
Stack Height : 275.0 mtr Stack Diameter at Port : 5.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 124.0 °C Velocity of Flue Gas : 20.2 m/sec Flow Rate of Flue Gas : 1050899.1 Nm ³ /hr Moisture : 0.72 Oxygen : 5.8 % CO ₂ : 12.3 %
Period of Analysis : From 17-03-2021 to 23-03-2021	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Mercury (as Hg)	mg/Nm ³	--	0.002	LATS / 80/ 2013-14 CPCB
Note : 1. **indicates Consent No. Format 1.0/CAC/UAN No. 000098447/CR-2101000005 Dtd. 01-01-2021 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details : LES Stack Sampler APM 160, SL No: 53-DTD-2015.Certificate No:20080102-08, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021. Traceability Certificate No. i) P SL/1147/0815/P/873 ii) 15080562/D5.08/C-012, iii) C&I/CAL/15-05/010 iv) 6140942 v) 6140940 vi) CAW 428 1506 058					
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Test Report Stack Emission Quality

Format No. : ELPL/QD4/TRD/7.8/S

Report No. : ELPL/03-21/A-39		Report Date: 23-03-2021	
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur			
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021			
Sample Description : Stack Emission Sample		Sampling Location : TPP Unit-II	
Sampling Ref Method : IS 11255 (Part 3) : 2008		Environment Condition: Sunny (during sampling)	
Sample Inward No. : ELPL/Mar-21/09/36/S-39		Sampled by : ELPL Representative	
Sampling Date : 17-03-2021		Stack Height : 275.0 mtr	
Stack Diameter at Port : 5.0 mtr		Temperature of Flue Gas : 118 °C	
Type of Fuel : Coal		Velocity of Flue Gas : 21.7 m/sec	
		Flow Rate of Flue Gas : 1146143.8 Nm ³ /hr	
		Moisture : 0.75	
		Oxygen : 5.6 %	
		CO ₂ : 12.0 %	
Period of Analysis : From 17-03-2021 to 23-03-2021			

Results of Analysis

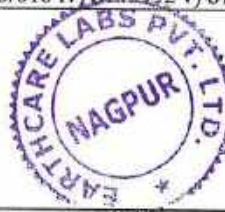
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	23.5	IS 11255 (Part 1):1985 RA 2019
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1159.2	IS 11255 (Part 2):1985 RA 2019
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	1328.6	IS 11255 (Part 2):1985 RA 2019
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	307.2	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	163.3	IS 11255 (Part 7):2005 RA 2017

Note : 1. **indicates Consent No. Format I.0/CAC/UAN No. 0000098447/CR-2101000005 Dtd. 01-01-2021

2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.

3. Instrument Calibration Details: LES Stack Sampler APM 160, SL. No: 53-DTD-2015. Certificate No:20080102-08, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021. Traceability Certificate No. i) P

SL/1147/0815/P/873 ii) 15080562/D5.08/C-012, iii) C&U/CAL/15-05/010 iv) 6140942 v) 6140940 vi) CAW 428 1506 058



For Earthcare Labs Pvt. Ltd.

(K. L. Jadhav)

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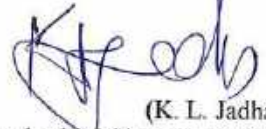
Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Stack Emission Quality

Format No.: ELPL/QD4/TRD/7.8/S

Report No.: ELPL/03-21/B-39	Report Date: 23-03-2021
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist. - Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample	Sampling Location : TPP Unit-II
Sampling Ref Method : IS 11255 (Part 3) : 2008	Environment Condition: Sunny (during sampling)
Sample Inward No. : ELPL/Mar-21/09/36/S-39	
Sampling Date : 17-03-2021	Sampled by : ELPL Representative
Stack Height : 275.0 mtr	Temperature of Flue Gas : 118 °C
Stack Diameter at Port : 5.0 mtr	Velocity of Flue Gas : 21.7 m/sec
Type of Fuel : Coal	Flow Rate of Flue Gas : 1146143.8 Nm ³ /hr
	Moisture : 0.75
	Oxygen : 5.6 %
	CO ₂ : 12.0 %
Period of Analysis : From 17-03-2021 to 23-03-2021	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Mercury (as Hg)	mg/Nm ³	--	0.001	LATS / 80/ 2013-14 CPCB
Note : 1. **indicates Consent No. Format I.0/CAC/UAN No. 0000098447/CR-2101000005 Dtd. 01-01-2021 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: LES Stack Sampler APM 160, SL No: 53-DTD-2015, Certificate No:20080102-08, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021, Traceability Certificate No. i) P SL/I147/0815/P/873 ii) I5080562/D5.08/C-012, iii) C&I/CAL/15-05/010 iv) 6140942 v) 6140940 vi) CAW 428 1506 038					
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Stack Emission Quality

Format No. : ELPL/QD4/TRD/7.8/S

Report No. : ELPL/02-21/A-45	Report Date: 22-02-2021
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL: R: HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample Sampling Ref Method : IS 11255 (Part 3) : 2008 Sample Inward No. : ELPL/Feb-21/09/36/S-45	Sampling Location : TPP Unit-I Environment Condition: Sunny (during sampling)
Sampling Date : 12-02-2021	Sampled by : ELPL Representative
Stack Height : 275.0 mtr Stack Diameter at Port : 5.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 120.0 °C Velocity of Flue Gas : 17.8 m/sec Flow Rate of Flue Gas : 926939 8Nm ³ /hr Moisture : 0.84 Oxygen : 5.6 % CO ₂ : 12.1 %
Period of Analysis : From 13-02-2021 to 22-02-2021	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	25.6	IS 11255 (Part 1):1985 RA 2019
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1244.1	IS 11255 (Part 2):1985 RA 2019
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	1153.2	IS 11255 (Part 2):1985 RA 2019
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	330.1	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	175.4	IS 11255 (Part 7):2005 RA 2017

Note : 1. **indicates Consent No. Format 1.0/CAC/UAN No. 0000098447/CR-2101000005 Dtd. 01-01-2021
 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.
 3. Instrument Calibration Details : LES Stack Sampler APM 160, SL No: 53-DTD-2015, Certificate No:20080102-08, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021. Traceability Certificate No. i) P SL/1147/0815/P/873 ii) 15080562/D5.08/C-012, iii) C&IJ/CAL/15-05/010 iv) 6140942 v) 6140940 vi) CAW 428 1506 058



For Earthcare Labs Pvt. Ltd.

(K. L. Jadhav)
 Authorized Signatory & CEO



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(Laboratory Division)

Environmental Laboratory & EIA Consultant Organization

(MoEF&CC Recognized, NABET QCI Accredited, ISO 9001, ISO 14001 & OHSAS 45001 Certified)

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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Stack Emission Quality

Format No. : ELPL/QD4/TRD/7.8/S

Report No. : ELPL/02-21/B-45	Report Date: 22-02-2021
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL: R: HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample	Sampling Location : TPP Unit-I
Sampling Ref Method : IS 11255 (Part 3) : 2008	Environment Condition: Sunny (during sampling)
Sample Inward No. : ELPL/Feb-21/09/36/S-45	Sampled by : ELPL Representative
Sampling Date : 12-02-2021	
Stack Height : 275.0 mtr	Temperature of Flue Gas : 120.0 °C
Stack Diameter at Port : 5.0 mtr	Velocity of Flue Gas : 17.8 m/sec
Type of Fuel : Coal	Flow Rate of Flue Gas : 926939 8Nm ³ /hr
	Moisture : 0.84
	Oxygen : 5.6 %
	CO ₂ : 12.1 %
Period of Analysis : From 13-02-2021 to 22-02-2021	

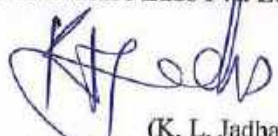
Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Mercury (as Hg)	mg/Nm ³	-	0.001	LATS / 80/ 2013-14 CPCB

Note : 1. **indicates Consent No. Format 1.0/CAC/UAN No. 0000098447/CR-2101000005 Dtd. 01-01-2021
2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.
3. **Instrument Calibration Details** : LES Stack Sampler APM 160, SL No: 53-DTD-2015. Certificate No:20080102-08, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021. Traceability Certificate No. i) P SL/1147/0815/P/873 ii) 15080562/D5.08/C-012, iii) C&U/CAL/15-05/010 iv) 6140942 v) 6140940 vi) CAW 428 1506 058



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Stack Emission Quality

Format No. : ELPL/QD4/TRD/7.8/S

Report No. : ELPL/02-21/A-46		Report Date: 22-02-2021	
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur			
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021			
Sample Description : Stack Emission Sample		Sampling Location : TPP Unit-II	
Sampling Ref Method : IS 11255 (Part 3) : 2008		Environment Condition: Sunny (during sampling)	
Sample Inward No. : ELPL/Feb-21/09/36/S-46		Sampled by : ELPL Representative	
Sampling Date : 12-02-2021		Stack Height : 275.0 mtr	
Stack Diameter at Port : 5.0 mtr		Temperature of Flue Gas : 125 °C	
Type of Fuel : Coal		Velocity of Flue Gas : 17.6 m/sec	
		Flow Rate of Flue Gas : 904986.1 Nm ³ /hr	
		Moisture : 0.82	
		Oxygen : 5.4 %	
		CO ₂ : 12.3 %	
Period of Analysis : From 13-02-2021 to 22-02-2021			

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	22.5	IS 11255 (Part 1):1985 RA 2019
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1354.1	IS 11255 (Part 2):1985 RA 2019
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	1225.4	IS 11255 (Part 2):1985 RA 2019
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	360.7	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	191.7	IS 11255 (Part 7):2005 RA 2017

Note : 1. **Indicates Consent No. Format 1.0/CAC/UAN No. 0000098447/CR-2101000005 Dtd. 01-01-2021

2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.

3. Instrument Calibration Details: LES Stack Sampler APM 160, SL. No: 53-DTD-2015, Certificate No:20080102-08, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021. Traceability Certificate No. i) P SL/1147/0815/P/873 ii) I5080562/D5.08/C-012, iii) C&I/CAL/15-05/010 iv) 6140942 v) 6140940 vi) CAW 428 1506 058



For Earthcare Labs Pvt. Ltd.

(K. L. Jadhav)

Authorized Signatory & CEO



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Test Report Stack Emission Quality

Format No. : ELPL/QD4/TRD/7.8/S

Report No. : ELPL/02-21/B-46	Report Date: 22-02-2021
Name & Address of the Customer : M/s. DILARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village – Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DILR:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample Sampling Ref Method : IS 11255 (Part 3) : 2008 Sample Inward No. : ELPL/Fch-21/09/36/S-46	Sampling Location : TPP Unit-II Environment Condition: Sunny (during sampling)
Sampling Date : 12-02-2021	Sampled by : ELPL Representative
Stack Height : 275.0 mtr Stack Diameter at Port : 5.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 125 °C Velocity of Flue Gas : 17.6 m/sec Flow Rate of Flue Gas : 904986.1 Nm ³ /hr Moisture : 0.82 Oxygen : 5.4 % CO ₂ : 12.3 %
Period of Analysis : From 13-02-2021 to 22-02-2021	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Mercury (as Hg)	mg/Nm ³	--	0.002	LAIS / 80/ 2013-14 CPCB
Note : 1. **indicates Consent No. Format 1.0/CAC/UAN No. 0000098447/CR-2101000005 Dtd. 01-01-2021 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: LES Stack Sampler APM 160, SL. No: 53-DTD-2015.Certificate No:20080102-08, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021. Traceability Certificate No. i) P SL/1147/0815/P/873 ii)15080562/D5.08/C-012, iii) C&I/CAL/15-05/010 iv) 6140942 v) 6140940 vi) CAW 428 1506 058					
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Test Report Stack Emission Quality

Format No. : ELPL/QD4/TRD/7.8/S

Report No. : ELPL/01-21/A-85	Report Date: 28-01-2021
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village – Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL: R: HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample Sampling Ref Method : IS 11255 (Part 3) : 2008 Sample Inward No. : ELPL/Jan-21/09/63/S-85	Sampling Location : TPP Unit-I Environment Condition: Sunny (during sampling)
Sampling Date : 19-01-2021	Sampled by : ELPL Representative
Stack Height : 275.0 mtr Stack Diameter at Port : 5.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 121.0 °C Velocity of Flue Gas : 15.8 m/sec Flow Rate of Flue Gas : 822411.7 Nm ³ /hr Moisture : 0.93 Oxygen : 5.4 % CO ₂ : 12.3 %
Period of Analysis : From 24-01-2021 to 28-01-2021	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	22.1	IS 11255 (Part 1):1985 RA 2019
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1058.0	IS 11255 (Part 2):1985 RA 2019
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	870.1	IS 11255 (Part 2):1985 RA 2019
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	319.0	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	169.5	IS 11255 (Part 7):2005 RA 2017

Note : 1. **indicates Consent No. Format I.0/CAC/UAN No. 0000098447/CR-2101000005 Dtd. 01-01-2021
 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.
 3. Instrument Calibration Details : LES Stack Sampler APM 160, SL. No: 53-DTD-2015. Certificate No:20080102-08, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021. Traceability Certificate No. i) P SL/1147/0815/P/873 ii) 15080562/D5.08/C-012, iii) C&IJ/CAL/15-05/010 iv) 6140942 v) 6140940 vi) CAW 428 1506 058

For Earthcare Labs Pvt. Ltd.



(Signature)

(K. L. Jadhav)

Authorized Signatory & CEO



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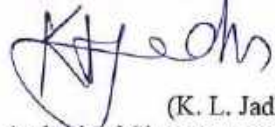
Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Stack Emission Quality

Format No. : ELPL/QD4/TRD/7.8/S

Report No. : ELPL/01-21/B-85	Report Date: 28-01-2021
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL: R: HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample Sampling Ref Method : IS 11255 (Part 3) : 2008 Sample Inward No. : ELPL/Jan-21/09/63/S-85	Sampling Location : TPP Unit-I Environment Condition: Sunny (during sampling)
Sampling Date : 19-01-2021	Sampled by : ELPL Representative
Stack Height : 275.0 mtr Stack Diameter at Port : 5.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 121.0 °C Velocity of Flue Gas : 15.8 m/sec Flow Rate of Flue Gas : 822411.7 Nm ³ /hr Moisture : 0.93 Oxygen : 5.4 % CO ₂ : 12.3 %
Period of Analysis : From 24-01-2021 to 28-01-2021	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Mercury (as Hg)	mg/Nm ³	--	0.003	LATS / 80/ 2013-14 CPCB
Note : 1. **indicates Consent No. Format I.O/CAC/UAN No. 0000098447/CR-2101000005 Dtd. 01-01-2021 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details : LES Stack Sampler APM 160, SL. No: 53-DTD-2015. Certificate No:20080102-08, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021. Traceability Certificate No. i) P SL/1147/0815/P/873 ii) 15080562/D5.08/C-012, iii) C&I/CAL/15-05/010 iv) 6140942 v) 6140940 vi) CAW 428 1506 058					
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Test Report Stack Emission Quality

Format No. : ELPL/QD4/TRD/7.8/S

Report No. : ELPL/01-21/A-86	Report Date: 28-01-2021
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village – Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample Sampling Ref Method : IS 11255 (Part 3) : 2008 Sample Inward No. : ELPL/Jan-21/09/63/S-86	Sampling Location : TPP Unit-II Environment Condition: Sunny (during sampling)
Sampling Date : 19-01-2021	Sampled by : ELPL Representative
Stack Height : 275.0 mtr Stack Diameter at Port : 5.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 120 °C Velocity of Flue Gas : 15.3 m/sec Flow Rate of Flue Gas : 798940.9 Nm ³ /hr Moisture : 0.78 Oxygen : 5.8 % CO ₂ : 12.2 %
Period of Analysis : From 24-01-2021 to 28-01-2021	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	24.3	IS 11255 (Part 1):1985 RA 2019
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1387.7	IS 11255 (Part 2):1985 RA 2019
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	1108.6	IS 11255 (Part 2):1985 RA 2019
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	327.2	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	173.9	IS 11255 (Part 7):2005 RA 2017

Note : 1. **indicates Consent No. Format I.0/CAC/UAN No. 0000098447/CR-2101000005 Dtd. 01-01-2021

2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.

3. **Instrument Calibration Details:** LES Stack Sampler APM 160, SL. No: 53-DTD-2015. Certificate No:20080102-08, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021. Traceability Certificate No. i) P SL/1147/0815/P/873 ii) 15080562/D5.08/C-012, iii) C&IJ/CAL/15-05/010 iv) 6140942 v) 6140940 vi) CAW 428 1506 058

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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Stack Emission Quality

Format No. : ELPL/QD4/TRD/7.8/S

Report No. : ELPL/01-21/B-86	Report Date: 28-01-2021
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample	Sampling Location : TPP Unit-II
Sampling Ref Method : IS 11255 (Part 3) : 2008	Environment Condition: Sunny (during sampling)
Sample Inward No. : ELPL/Jan-21/09/63/S-86	Sampled by : ELPL Representative
Sampling Date : 19-01-2021	
Stack Height : 275.0 mtr	Temperature of Flue Gas : 120 °C
Stack Diameter at Port : 5.0 mtr	Velocity of Flue Gas : 15.3 m/sec
Type of Fuel : Coal	Flow Rate of Flue Gas : 798940.9 Nm ³ /hr
	Moisture : 0.78
	Oxygen : 5.8 %
	CO ₂ : 12.2 %
Period of Analysis : From 22-12-2020 to 25-12-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Mercury (as Hg)	mg/Nm ³	--	0.001	LATS / 80/ 2013-14 CPCB
Note : 1. **indicates Consent No. Format 1.0/CAC/UAN No. 0000098447/CR-2101000005 Dtd. 01-01-2021 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: LES Stack Sampler APM 160, SL. No: 53-DTD-2015.Certificate No:20080102-08, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021. Traceability Certificate No. i) P SL/1147/0815/P/873 ii) 15080562/D5.08/C-012, iii) C&IJ/CAL/15-05/010 iv) 6140942 v) 6140940 vi) CAW 428 1506 058					
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Test Report Stack Emission Quality

Format No.: ELPL/QD4/TRD/7.8/S

Report No.: ELPL/12-20/42	Report Date: 25-12-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist - Chandrapur	
Ref.: Your Work Order DIL.R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample	Sampling Location : TPP Unit-II
Sampling Ref Method : IS 11255 (Part 3) : 2008	Environment Condition: Sunny (during sampling)
Sample Inward No. : ELPL/Dec-20/09/37/S-42	Sampled by : ELPL Representative
Sampling Date : 17-12-2020	
Stack Height : 275.0 mtr	Temperature of Flue Gas : 122 °C
Stack Diameter at Port : 5.0 mtr	Velocity of Flue Gas : 15.6 m/sec
Type of Fuel : Coal	Flow Rate of Flue Gas : 808611.0 Nm ³ /hr
	Moisture : 0.71
	Oxygen : 6.1 %
	CO ₂ : 12.3 %
Period of Analysis : From 22-12-2020 to 25-12-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	25.5	IS 11255 (Part 1):1985 RA 2019
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1464.2	IS 11255 (Part 2):1985 RA 2019
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	1184.0	IS 11255 (Part 2):1985 RA 2019
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	330.5	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	175.7	IS 11255 (Part 7):2005 RA 2017
6.	Mercury (as Hg)	mg/Nm ³	--	0.002	LATS / 80/ 2013-14 CPCB

Note : 1. **indicates Consent No. Format 1.0/BO/CAC-Cell/UAN No.: 0000059605/CAC-1902000294 Dtd. 06-02-2019

2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.

3. Instrument Calibration Details: LES Stack Sampler APM 160, SL. No: 53-DTD-2015. Certificate No:20080102-08, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021. Traceability Certificate No. i) P SL/1147/0815/P/873 ii) 15080562/D5.08/C-012, iii) C&IJ/CAL/15-05/010 iv) 6140942 v) 6140940 vi) CAW 428 1506 058

Remarks: Outgoing emissions are meeting the norms for above parameters

For Earthcare Labs Pvt. Ltd.



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Test Report Stack Emission Quality

Format No. : ELPL/QD4/TRD/7.8/S

Report No. : ELPL/12-20/41	Report Date: 25-12-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL: R: HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample Sampling Ref Method : IS 11255 (Part 3) : 2008 Sample Inward No. : ELPL/Dec-20/09/37/S-41	Sampling Location : TPP Unit-I Environment Condition: Sunny (during sampling)
Sampling Date : 17-12-2020	Sampled by : ELPL Representative
Stack Height : 275.0 mtr Stack Diameter at Port : 5.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 124.0 °C Velocity of Flue Gas : 16.2 m/sec Flow Rate of Flue Gas : 835447.2 Nm ³ /hr Moisture : 0.86 Oxygen : 5.7 % CO ₂ : 12.2 %
Period of Analysis : From 22-12-2020 to 25-12-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	28.2	IS 11255 (Part 1):1985 RA 2019
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1164.8	IS 11255 (Part 2):1985 RA 2019
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	1091.3	IS 11255 (Part 2):1985 RA 2019
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	361.5	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	192.1	IS 11255 (Part 7):2005 RA 2017
6.	Mercury (as Hg)	mg/Nm ³	--	0.002	LATS / 80/ 2013-14 CPCB

Note : 1. **indicates Consent No. Format 1.0/BO/CAC-Cell/UAN No.: 0000059605/CAC-1902000294 Dtd. 06-02-2019
2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.
3. Instrument Calibration Details : LES Stack Sampler APM 160, SL No: 53-DTD-2015, Certificate No:20080102-08, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021. Traceability Certificate No. i) P SL/1147/0815/P/873 ii) 15080562/D5.08/C-012, iii) C&I/CAL/15-05/010 iv) 6140942 v) 6140940 vi) CAW 428 1506 058

Remarks: Outgoing emissions are meeting the norms for above parameters



For Earthcare Labs Pvt. Ltd.

(K. L. Jadhav)
Authorized Signatory & CEO



EARTHCARE LABS PRIVATE LIMITED

(Laboratory Division)

Environmental Laboratory & EIA Consultant Organization

(MoEF Recognized, NABET QCI Accredited, ISO 9001, ISO 14001 & OHSAS 18001 Certified)

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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Stack Emission Quality

Report No. : ELPL/QD4/TRD/7.8/S-02-05&12/Nov-20/32	Report Date: 23-11-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample Sampling Ref Method : IS 11255 (Part 3) : 2008 Sample Inward No. : ELPL/Nov-20/09/21/S-32	Sampling Location : TPP Unit-II Environment Condition: Sunny (during sampling)
Sampling Date : 11-11-2020	Sampled by : ELPL Representative
Stack Height : 275.0 mtr Stack Diameter at Port : 5.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 116 °C Velocity of Flue Gas : 15.2 m/sec Flow Rate of Flue Gas : 799997.3 Nm ³ /hr Moisture : 0.66 Oxygen : 5.8 % CO ₂ : 12.4 %
Period of Analysis : From 20-11-2020 to 23-11-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	32.9	IS 11255 (Part 1):1985 RA 2019
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1571.3	IS 11255 (Part 2):1985 RA 2019
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	1257.1	IS 11255 (Part 2):1985 RA 2019
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	269.1	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	143.1	IS 11255 (Part 7):2005 RA 2017
6.	Mercury (as Hg)	mg/Nm ³	--	0.002	LATS / 80/ 2013-14 CPCB

Note : 1. **indicates Consent No. Format 1.0/BO/CAC-Cell/UAN No.: 0000059605/CAC-1902000294 Dtd. 06-02-2019

2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.

3. Instrument Calibration Details: LES Stack Sampler APM 160, SL. No: 53-DTD-2015.Certificate No:20080102-08, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021. Traceability Certificate No. i) P

SL/1147/0815/P/873 ii)15080562/D5.08/C-012, iii) C&IJ/CAL/15-05/010 iv) 6140942 v) 6140940 vi) CAW 428 1506 058

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Test Report Stack Emission Quality

Report No. : ELPL/QD4/TRD/7.8/S-02-05&17/Nov-20/31	Report Date. 23-11-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Taduli Industrial Area, MIDC, Village - Tadali, Dist. - Chandrapur	
Ref.: Your Work Order DII.: R: IIEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample Sampling Ref Method : IS 11255 (Part 3) : 2008 Sample Inward No. : ELPL/Nov-20/09/21/S-31	Sampling Location : TPP Unit-I Environment Condition: Sunny (during sampling)
Sampling Date : 11-11-2020	Sampled by : ELPL Representative
Stack Height : 275.0 mtr Stack Diameter at Port : 5.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 122.0 °C Velocity of Flue Gas : 15.7 m/sec Flow Rate of Flue Gas : 813651.3 Nm ³ /hr Moisture : 0.83 Oxygen : 6.0 % CO ₂ : 12.8 %
Period of Analysis : From 20-11-2020 to 23-11-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	29.8	IS 11255 (Part 1):1985 RA 2019
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1079.7	IS 11255 (Part 2):1985 RA 2019
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	878.5	IS 11255 (Part 2):1985 RA 2019
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	292.5	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	155.5	IS 11255 (Part 7):2005 RA 2017
6.	Mercury (as Hg)	mg/Nm ³	--	0.001	LATS / 80/ 2013-14 CPCB

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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Stack Emission Quality

Report No. : ELPL/QD4/TRD/7.8/S-02-05&12/Oct-20/16	Report Date: 16-10-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL: R: HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample Sampling Ref Method : IS 11255 (Part 3) : 2008 Sample Inward No. : ELPL/Oct-20/09/24/S-16	Sampling Location : TPP Unit-I Environment Condition: Cloudy (during sampling)
Sampling Date : 09-10-2020	Sampled by : ELPL Representative
Stack Height : 275.0 mtr Stack Diameter at Port : 5.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 121.0 °C Velocity of Flue Gas : 16.1 m/sec Flow Rate of Flue Gas : 836431.1 Nm ³ /hr Moisture : 0.72 Oxygen : 5.8 % CO ₂ : 12.6 %
Period of Analysis : From 14-10-2020 to 16-10-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	32.8	IS 11255 (Part 1):1985 RA 2019
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1111.9	IS 11255 (Part 2):1985 RA 2019
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	920.9	IS 11255 (Part 2):1985 RA 2019
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	288.9	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	153.5	IS 11255 (Part 7):2005 RA 2017
6.	Mercury (as Hg)	mg/Nm ³	--	0.001	LATS / 80/ 2013-14 CPCB

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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Stack Emission Quality

Report No. : ELPL/QD4/TRD/7.8/S-02-05&12/Oct-20/17	Report Date: 16-10-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA.00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample	Sampling Location : TPP Unit-II
Sampling Ref Method : IS 11255 (Part 3) : 2008	Environment Condition: Cloudy (during sampling)
Sample Inward No. : ELPL/Oct-20/09/24/S-17	Sampled by : ELPL Representative
Sampling Date : 09-10-2020	
Stack Height : 275.0 mtr	Temperature of Flue Gas : 117 °C
Stack Diameter at Port : 5.0 mtr	Velocity of Flue Gas : 15.2 m/sec
Type of Fuel : Coal	Flow Rate of Flue Gas : 797781.1 Nm ³ /hr
	Moisture : 0.60
	Oxygen : 6.0 %
	CO ₂ : 12.6 %
Period of Analysis : From 14-10-2020 to 16-10-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	33.2	IS 11255 (Part 1):1985 RA 2019
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1726.8	IS 11255 (Part 2):1985 RA 2019
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	1377.6	IS 11255 (Part 2):1985 RA 2019
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	222.9	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	118.5	IS 11255 (Part 7):2005 RA 2017
6.	Mercury (as Hg)	mg/Nm ³	--	0.002	LATS / 80/ 2013-14 CPCB

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Test Report Stack Emission Quality

Report No. : ELPL/QD4/TRD/5.10/S-02-05&12/Sept-20/35	Report Date: 16-09-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist - Chandrapur	
Ref.: Your Work Order DIL: R: HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample	Sampling Location : TPP Unit-I
Sampling Ref Method : IS 11255 (Part 3) : 2008	Environment Condition: Cloudy (during sampling)
Sample Inward No. : ELPL/Sept-20/09/20/S-35	Sampled by : ELPL Representative
Sampling Date : 09-09-2020	
Sample Receipt Date : 10-09-2020	
Stack Height : 275.0 mtr	Temperature of Flue Gas : 124.0 °C
Stack Diameter at Port : 5.0 mtr	Velocity of Flue Gas : 16.7 m/sec
Type of Fuel : Coal	Flow Rate of Flue Gas : 861057.8 Nm ³ /hr
	Moisture : 0.68
	Oxygen : 5.6 %
	CO ₂ : 12.8 %
Period of Analysis : From 11-09-2020 to 16-09-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	27.3	IS 11255 (Part 1):1985 RA 2014
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1322.5	IS 11255 (Part 2):1985 RA 2014
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	1138.7	IS 11255 (Part 2):1985 RA 2014
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	296.9	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	157.8	IS 11255 (Part 7):2005 RA 2017
6.	Mercury (as Hg)	mg/Nm ³	--	0.002	LATS / 80/ 2013-14 CPCB

Note : 1. **indicates Consent No. Format I.0/BO/CAC-Cell/UAN No.: 0000059605/CAC-1902000294 Dtd. 06-02-2019
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3. Instrument Calibration Details : LES Stack Sampler APM 160, SL. No: 53-DTD-2015. Certificate No:20080102-08
Date of Calibration 05/08/2020, Recalibration due date 04/08/2021. Traceability Certificate No. i) P
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Test Report Stack Emission Quality

Report No. : ELPL/QD4/TRD/5.10/S-02-05&12/Sept-20/36	Report Date: 16-09-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL/R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample Sampling Ref Method : IS 11255 (Part 3) : 2008 Sample Inward No. : ELPL/Sept-20/09/20/S-36	Sampling Location : TPP Unit-II Environment Condition: Cloudy (during sampling)
Sampling Date : 09-09-2020 Sample Receipt Date : 10-09-2020	Sampled by : ELPL Representative
Stack Height : 275.0 mtr Stack Diameter at Port : 5.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 119 °C Velocity of Flue Gas : 16.4 m/sec Flow Rate of Flue Gas : 856421.7 Nm ³ /hr Moisture : 0.66 Oxygen : 6.0 % CO ₂ : 12.4 %
Period of Analysis : From 11-09-2020 to 16-09-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	23.6	IS 11255 (Part 1):1985 RA 2014
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1442.4	IS 11255 (Part 2):1985 RA 2014
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	1235.3	IS 11255 (Part 2):1985 RA 2014
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	251.7	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	133.8	IS 11255 (Part 7):2005 RA 2017
6.	Mercury (as Hg)	mg/Nm ³	--	0.001	LATS / 80/ 2013-14 CPCB

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Date of Calibration 05/08/2020, Recalibration due date 04/08/2021. Traceability Certificate No. i) P
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Test Report Stack Emission Quality

Report No. : ELPL/QD4/TRD/5.10/S-02-05&12/Aug-20/01	Report Date: 14-08-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL: R: HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample Sampling Ref Method : IS 11255 (Part 3) : 2008 Sample Inward No. : ELPL/Aug-20/09/03/S-01	Sampling Location : TPP Unit-I Environment Condition: Cloudy (during sampling)
Sampling Date : 04-08-2020 Sample Receipt Date : 08-08-2020	Sampled by : ELPL Representative
Stack Height : 275.0 mtr Stack Diameter at Port : 5.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 122.0 °C Velocity of Flue Gas : 16.1 m/sec Flow Rate of Flue Gas : 835485.6 Nm ³ /hr Moisture : 0.67 Oxygen : 5.8 % CO ₂ : 12.6 %
Period of Analysis : From 09-08-2020 to 14-08-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	22.0	IS 11255 (Part 1):1985 RA 2014
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1181.1	IS 11255 (Part 2):1985 RA 2014
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	986.80	IS 11255 (Part 2):1985 RA 2014
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	294.7	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	156.6	IS 11255 (Part 7):2005 RA 2017
6.	Mercury (as Hg)	mg/Nm ³	--	0.001	LATS / 80/ 2013-14 CPCB

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Test Report Stack Emission Quality

Report No. : ELPL/QD4/TRD/5.10/S-02-05&12/Aug-20/02	Report Date: 14-08-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample Sampling Ref Method : IS 11255 (Part 3) : 2008 Sample Inward No. : ELPL/Aug-20/09/03/S-02	Sampling Location : TPP Unit-II Environment Condition: Cloudy (during sampling)
Sampling Date : 04-08-2020 Sample Receipt Date : 08-08-2020	Sampled by : ELPL Representative
Stack Height : 275.0 mtr Stack Diameter at Port : 5.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 120 °C Velocity of Flue Gas : 15.6 m/sec Flow Rate of Flue Gas : 814244.9 Nm ³ /hr Moisture : 0.58 Oxygen : 6.2 % CO ₂ : 12.7 %
Period of Analysis : From 09-08-2020 to 14-08-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	30.8	IS 11255 (Part 1):1985 RA 2014
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1597.9	IS 11255 (Part 2):1985 RA 2014
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	1301.0	IS 11255 (Part 2):1985 RA 2014
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	256.5	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	136.3	IS 11255 (Part 7):2005 RA 2017
6.	Mercury (as Hg)	mg/Nm ³	--	0.002	LATS / 80/2013-14 CPCB

Note : 1. **indicates Consent No. Format I.0/BO/CAC-Cell/UAN No.:- 0000059605/CAC-1902000294 Dtd. 06-02-2019
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3. Instrument Calibration Details : LES Stack Sampler APM 160, SL No: 53-DTD-2015, Certificate No:20080102-08
Date of Calibration 05/08/2020, Recalibration due date 04/08/2021. Traceability Certificate No. i) P
SL/1147/0815/P/873 ii) 15080562/D5.08/C-012, iii) C&IJ/CAL/15-05/010 iv) 6140942 v) 6140940 vi) CAW 428 1506 058

Remarks: Outgoing emissions are meeting the norms for above parameters



For Earthcare Labs Pvt. Ltd.

(K. L. Jadhav)

Authorized Signatory & CEO



EARTHCARE LABS PRIVATE LIMITED

(Laboratory Division)

Environmental Laboratory & EIA Consultant Organization

(MoEF Recognized, NABET QCI Accredited, ISO 9001, ISO 14001 & OHSAS 18001 Certified)

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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Stack Emission Quality

Report No. : ELPL/QD4/TRD/5.10/S-02-05&12/July-20/25	Report Date: 23-07-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample Sampling Ref Method : IS 11255 (Part 3) : 2008 Sample Inward No. : ELPL/July-20/09/26/S-25	Sampling Location : TPP Unit-I Environment Condition: Cloudy (during sampling)
Sampling Date : 14-07-2020 Sample Receipt Date : 18-07-2020	Sampled by : ELPL Representative
Stack Height : 275.0 mtr Stack Diameter at Port : 5.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 118.0 °C Velocity of Flue Gas : 15.6 m/sec Flow Rate of Flue Gas : 817886.29 Nm ³ /hr Moisture : 0.63 Oxygen : 5.6 % CO ₂ : 12.8 %
Period of Analysis : From 19-07-2020 to 23-07-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	24.8	IS 11255 (Part 1):1985 RA 2014
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1277.9	IS 11255 (Part 2):1985 RA 2014
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	1045.2	IS 11255 (Part 2):1985 RA 2014
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	297.7	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	158.2	IS 11255 (Part 7):2005 RA 2017
6.	Mercury (as Hg)	mg/Nm ³	--	0.001	LATS / 80/ 2013-14 CPCB

Note : 1.**indicates Consent No. Format 1.0/BO/CAC-Cell/UAN No.: 0000059605/CAC-1902000294 Dtd. 06-02-2019
2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.
3. Instrument Calibration Details : : LES Stack Sampler APM 160, SL No: 53-DTD-2015. Certificate No: LES-CCL/FF/RF/289, Date of Calibration 09/04/2020, Recalibration due date 08/04/2021. Traceability Certificate No. i) P SL/1147/0815/P/873 ii) 15080562/D5.08/C-012, iii) C&I/CAL/15-05/010 iv) 6140942 v) 6140940 vi) CAW 428 1506 058

Remarks: Outgoing emissions are meeting the norms for above parameters.



For Earthcare Labs Pvt. Ltd.

(K. L. Jadhav)
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report

Stack Emission Quality

Report No. : ELPL/QD4/TRD/5.10/S-02-05&12/July-20/26	Report Date: 23-07-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist. - Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample Sampling Ref Method : IS 11255 (Part 3) : 2008 Sample Inward No. : ELPL/July-20/09/26/S-26	Sampling Location : TPP Unit-II Environment Condition: Cloudy (during sampling)
Sampling Date : 14-07-2020 Sample Receipt Date : 18-07-2020	Sampled by : ELPL Representative
Stack Height : 275.0 mtr Stack Diameter at Port : 5.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 130 °C Velocity of Flue Gas : 16.4 m/sec Flow Rate of Flue Gas : 835201.5 Nm ³ /hr Moisture : 0.54 Oxygen : 6.0 % CO ₂ : 12.9 %
Period of Analysis : From 19-07-2020 to 23-07-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	29.5	IS 11255 (Part 1):1985 RA 2014
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1773.6	IS 11255 (Part 2):1985 RA 2014
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	1481.3	IS 11255 (Part 2):1985 RA 2014
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	270.2	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	143.6	IS 11255 (Part 7):2005 RA 2017
6.	Mercury (as Hg)	mg/Nm ³	--	0.001	LATS / 80/2013-14 CPCB

Note : 1.** indicates Consent No. Format 1.0/BO/CAC-Cell/UAN No.: 0000059605/CAC-1902000294 Dtd. 06-02-2019
 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.
 3. Instrument Calibration Details : LES Stack Sampler APM 160, SL No: 53-DTD-2015. Certificate No: LES-CCL/FF/RF/289, Date of Calibration 09/04/2020, Recalibration due date 08/04/2021. Traceability Certificate No. i) P SL/1147/0815/P/873 ii) 15080562/D5.08/C-012, iii) C&IJ/CAL/15-05/010 iv) 6140942 v) 6140940 vi) CAW 428 1506 058.

Remarks: Outgoing emissions are meeting the norms for above parameters



For Earthcare Labs Pvt. Ltd.

(K. L. Jadhav)
 Authorized Signatory & CEO



Certificate No.: TC-7572

**EARTHCARE LABS PRIVATE LIMITED****(Laboratory Division)****Environmental Laboratory & EIA Consultant Organization**

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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

**Test Report
Stack Emission Quality**

Report No. : ELPL/QD4/TRD/5.10/S-02-05&12/June-20/34	Report Date: 06-07-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist. - Chandrapur	
Ref.: Your Work Order DILR:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample	Sampling Location : TPP Unit-I
Sampling Ref Method : IS 11255 (Part 3) : 2008	Environment Condition: Sunny (during sampling)
Sample Inward No. : ELPL/June-20/09/35/S-34	
Sampling Date : 24-06-2020	Sampled by : ELPL Representative
Sample Receipt Date : 25-06-2020	
Stack Height : 275.0 mtr	Temperature of Flue Gas : 123.0 °C
Stack Diameter at Port : 5.0 mtr	Velocity of Flue Gas : 19.01 m/sec
Type of Fuel : Coal	Flow Rate of Flue Gas : 981759.75 Nm ³ /hr
	Moisture : 0.40
	Oxygen : 5.8 %
	CO ₂ : 12.9 %
Period of Analysis : From 01-07-2020 to 06-07-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	25.8	IS 11255 (Part 1):1985 RA 2014
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1322.9	IS 11255 (Part 2):1985 RA 2014
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	1298.8	IS 11255 (Part 2):1985 RA 2014
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	303.9	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	162.5	IS 11255 (Part 7):2005 RA 2017
6.	Mercury (as Hg)*	mg/Nm ³	--	0.002	LATS / 80/ 2013-14 CPCB

Note : 1. *indicate that parameters not covered under NABL Scope of Accreditation.
2. **indicates Consent No. Format 1.0/BO/CAC-Cell/UAN No.: 0000059605/CAC-1902000294 Dtd. 06-02-2019
3. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.
4. **Instrument Calibration Details** : LES Stack Sampler APM 160, SL No: 53-DTD-2015, Certificate No: LES-CCL/FF/RF/289, Date of Calibration 09/04/2019, Recalibration due date 08/04/2020. Traceability Certificate No. i) P SL/1147/0815/P/873 ii) 15080562/D5.08/C-012, iii) C&I/CAL/15-05/010 iv) 6140942 v) 6140940 vi) CAW 428 1506 058

Remarks: Outgoing emissions are meeting the norms for above parameters



For Earthcare Labs Pvt. Ltd.

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Test Report

Stack Emission Quality

Report No. : ELPL/QD4/TRD/5.10/S-02-05&12/June-20/35	Report Date: 06-07-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL/R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample Sampling Ref Method : IS 11255 (Part 3) : 2008 Sample Inward No. : ELPL/June-20/09/35/S-35	Sampling Location : TPP Unit-II Environment Condition: Sunny (during sampling)
Sampling Date : 24-06-2020 Sample Receipt Date : 25-06-2020	Sampled by : ELPL Representative
Stack Height : 275.0 mtr Stack Diameter at Port : 5.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 127 °C Velocity of Flue Gas : 19.8 m/sec Flow Rate of Flue Gas : 1012762.19 Nm ³ /hr Moisture : 0.49 Oxygen : 6.0 % CO ₂ : 13.0 %
Period of Analysis : From 01-07-2020 to 06-07-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	25.6	IS 11255 (Part 1):1985 RA 2014
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1535.4	IS 11255 (Part 2):1985 RA 2014
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	1555.1	IS 11255 (Part 2):1985 RA 2014
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	211.2	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	112.2	IS 11255 (Part 7):2005 RA 2017
6.	Mercury (as Hg)*	mg/Nm ³	--	0.001	LATS / 80/ 2013-14 CPCB

Note : 1. *indicate that parameters not covered under NABL Scope of Accreditation.
2. **indicates Consent No. Format 1.0/BO/CAC-Cell/UAN No.: 0000059605/CAC-1902000294 Dtd. 06-02-2019
3. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.
4. Instrument Calibration Details : LES Stack Sampler APM 160, SL No: 53-DTD-2015, Certificate No: LES-CCL/FF/RF/289, Date of Calibration 09/04/2019, Recalibration due date 08/04/2020, Traceability Certificate No. i) P SL/1147/0815/P/873 ii) 15080562/D5.08/C-012, iii) C&J/CAL/15-05/010 iv) 6140942 v) 6140940 vi) CAW 428 1506 058

Remarks: Outgoing emissions are meeting the norms for above parameters



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Test Report Stack Emission Quality

Report No. : ELPL/QD4/TRD/5.10/S-02-05&12/May-20/02	Report Date: 13-06-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample Sampling Ref Method : IS 11255 (Part 3) : 2008 Sample Inward No. : ELPL/May-20/09/07/S-02	Sampling Location : TPP Unit-I Environment Condition: Sunny (during sampling)
Sampling Date : 26-05-2020	Sampled by : ELPL Representative
Stack Height : 275.0 mtr Stack Diameter at Port : 5.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 123.7 °C Velocity of Flue Gas : 20.8 m/sec Flow Rate of Flue Gas : 1074370.2 Nm ³ /hr Moisture : 0.18 Oxygen : 5.8 %

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	29.2	IS 11255 (Part 1):1985 RA 2014
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1382.1	IS 11255 (Part 2):1985 RA 2014
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	1484.8	IS 11255 (Part 2):1985 RA 2014
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	274.2	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	145.7	IS 11255 (Part 7):2005 RA 2017
6.	Mercury (as Hg)	mg/Nm ³	--	0.001	LATS / 80/ 2013-14 CPCB

Note : 1. **indicates Consent No. Format I.0/BO/CAC-Cell/UAN No.: 0000059605/CAC-1902000294 Dtd. 06-02-2019
2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.
3. Instrument Calibration Details : Stack Sampler KMCR -191, SL. No: 01-DTE -2019 . Certificate No: 19060801-03
Date of Calibration 08/06/2019, Recalibration due date 07/06/2020.

Remarks: Outgoing emissions are meeting the norms for above parameters

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Report No. : ELPL/QD4/TRD/5.10/S-02-05&12/May-20/03	Report Date: 13-06-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL/R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Stack Emission Sample Sampling Ref Method : IS 11255 (Part 3) : 2008 Sample Inward No. : ELPL/May-20/09/07/S-03	Sampling Location : TPP Unit-II Environment Condition: Sunny (during sampling) Sampled by : ELPL Representative
Sampling Date : 26-05-2020	
Stack Height : 275.0 mtr Stack Diameter at Port : 5.0 mtr Type of Fuel : Coal	Temperature of Flue Gas : 124.9 °C Velocity of Flue Gas : 19.8 m/sec Flow Rate of Flue Gas : 1019633.4 Nm ³ /hr Moisture : 0.26 Oxygen : 6.0 %

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	27.5	IS 11255 (Part 1):1985 RA 2014
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1485.2	IS 11255 (Part 2):1985 RA 2014
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	1514.3	IS 11255 (Part 2):1985 RA 2014
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	187.4	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	99.6	IS 11255 (Part 7):2005 RA 2017
6.	Mercury (as Hg)	mg/Nm ³	--	0.002	LATS / 80/ 2013-14 CPCB

Note : 1. **indicates Consent No. Format 1.0/BO/CAC-Cell/UAN No.: 0000059605/CAC-1902000294 Dtd. 06-02-2019
2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.
3. Instrument Calibration Details.: Stack Sampler KMCR -191, SL No: 01-DTE -2019.
Certificate No: 19060801-03 , Date of Calibration 08/06/2019, Recalibration due date 07/06/2020.

Remarks: Outgoing emissions are meeting the norms for above parameters

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Test Report Stack Emission Quality

Report No. : ELPL/QD4/TRD/5.10/S-02-05&12/Apr-20/01	Report Date: 21-05-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist - Chandrapur	
Ref.: Your Work Order DIL/R:HEA:00457 dtd. 15-04-2020 for the period valid upto 30-04-2020	
Sample Description : Stack Emission Sample	Sampling Location : TPP Unit-I
Sampling Ref Method : IS 11255 (Part 3) : 2008	Environment Condition: Sunny (during sampling)
Sample Inward No. : ELPL/Apr-20/09/01/S-01	Sampled by : ELPL Representative
Sampling Date : 27-04-2020	
Stack Height : 275.0 mtr	Temperature of Flue Gas : 120.3 °C
Stack Diameter at Port : 5.0 mtr	Velocity of Flue Gas : 21.2 m/sec
Type of Fuel : Coal	Flow Rate of Flue Gas : 1104497.5 Nm ³ /hr
	Moisture : 0.24
	Oxygen : 5.6 %

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	26.8	IS 11255 (Part 1):1985 RA 2014
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1683.0	IS 11255 (Part 2):1985 RA 2014
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	1858.8	IS 11255 (Part 2):1985 RA 2014
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	286.5	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	152.3	IS 11255 (Part 7):2005 RA 2017
6.	Mercury (as Hg)	mg/Nm ³	--	0.002	LATS / 80/ 2013-14 CPCB

Note : 1. **indicates Consent No. Format I.O/BO/CAC-Coll/UAN No.: 0000059605/CAC-1902000294 Dtd. 06-02-2019
2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL.
3. Instrument Calibration Details : Stack Sampler KMCR -191, SL No: 01-DTE -2019 . Certificate No: 19060801-03
Date of Calibration 08/06/2019, Recalibration due date 07/06/2020.

Remarks: Outgoing emissions are meeting the norms for above parameters



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Test Report Stack Emission Quality

Report No. : ELPL/QD4/TRD/5,10/S-02-05&12/Apr-20/02	Report Date: 21-05-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00457 dtd. 15-04-2020 for the period valid upto 30-04-2020	
Sample Description : Stack Emission Sample	Sampling Location : TPP Unit-II
Sampling Ref Method : IS 11255 (Part 3) : 2008	Environment Condition: Sunny (during sampling)
Sample Inward No. : ELPL/Apr-20/09/01/S-02	Sampled by : ELPL Representative
Sampling Date : 27-04-2020	
Stack Height : 275.0 mtr	Temperature of Flue Gas : 125.6 °C
Stack Diameter at Port : 5.0 mtr	Velocity of Flue Gas : 19.6 m/sec
Type of Fuel : Coal	Flow Rate of Flue Gas : 1007561.6 Nm ³ /hr
	Moisture : 0.53
	Oxygen : 5.8 %

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Total Particulate Matter	mg/Nm ³	50	31.7	IS 11255 (Part 1):1985 RA 2014
2.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	--	1567.3	IS 11255 (Part 2):1985 RA 2014
3.	Sulphur Dioxide (as SO ₂)	kg/hr	--	1578.8	IS 11255 (Part 2):1985 RA 2014
4.	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	--	282.1	IS 11255 (Part 7):2005 RA 2017
5.	Oxides of Nitrogen (as NO ₂)	ppm	--	149.9	IS 11255 (Part 7):2005 RA 2017
6.	Mercury (as Hg)	mg/Nm ³	--	0.003	LATS / 80/ 2013-14 CPCB

Note : 1. **indicates Consent No. Format 1.0/BO/CAC-Cell/UAN No.: - 0000059605/CAC-1902000294 Dtd. 06-02-2019
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3. Instrument Calibration Details.: Stack Sampler KMCR -191, SL No: 01-DTE -2019.
Certificate No: 19060801-03, Date of Calibration 08/06/2019, Recalibration due date 07/06/2020.

Remarks: Outgoing emissions are meeting the norms for above parameters



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report

Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/Apr-20/01	Report Date : 21-05-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00457 dtd. 15-04-2020 for the period valid upto 30-04-2020	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/Apr-20/09/01/AA-01	Sampling Location : VIP Gate (near AAQMS Cabin-01) Environment Condition: Sunny (during sampling)
Sampling Date : From 27-04-2020 to 28-04-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 28 °C Avg. Relative Humidity : 53 %	Prominent Wind Direction : NE Average Wind Speed : 7.0 Km/Hr

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	8.2	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	14.7	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	49.6	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	23.8	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	14.1	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.02	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.11	IS 5182 (Part 10): 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	6.10	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	2.67	IS 5182 (Part 11): 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.37	IS 5182 (Part 12): 2004 RA 2014

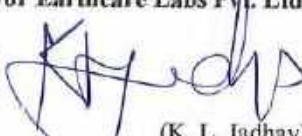


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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-07/Apr-20/01			Report Date : 21-05-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	2.30	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	6.18	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd 16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make KMCR -704 SL No:04-DTE-2019. Certificate No: 19060801-01, Date of Calibration 08/06/2019, Recalibration due date 07/06/2020					
Remarks: Ambient air quality is meeting the norms for above parameters					
			 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/Apr-20/02	Report Date : 21-05-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist - Chandrapur	
Ref.: Your Work Order DIL/R:HEA:00457 dtd. 15-04-2020 for the period valid upto 30-04-2020	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/Apr-20/09/01/AA-02	Sampling Location : VIP Gate (near AAQMS Cabin-01) Environment Condition: Sunny (during sampling)
Sampling Date : From 29-04-2020 to 30-04-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 30 °C Avg. Relative Humidity : 48 %	Prominent Wind Direction : ENE Average Wind Speed : 5.0 Km/Hr

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	8.16	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	12.6	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	46.1	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	22.1	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	12.6	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.10	IS 5182 (Part 10): 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	6.07	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	2.46	IS 5182 (Part 11): 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.35	IS 5182 (Part 12): 2004 RA 2014

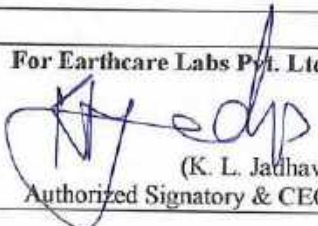


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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5,10/AA-07/Apr-20/02			Report Date : 21-05-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	2.10	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	5.56	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make KMCR -704 SL. No: 04-DTE-2019. Certificate No: 19060801-01, Date of Calibration 08/06/2019, Recalibration due date 07/06/2020					
Remarks: Ambient air quality is meeting the norms for above parameters					
					
			For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/Apr-20/03	Report Date : 21-05-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist. - Chandrapur	
Ref.: Your Work Order DIL:R:IEA:00457 dtd. 15-04-2020 for the period valid upto 30-04-2020	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/Apr-20/09/01/AA-03	Sampling Location : Old Switch Yard (Near AAQMS Cabin-03) Environment Condition : Sunny (during sampling)
Sampling Date : From 27-04-2020 to 28-04-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 28 °C Avg. Relative Humidity : 53 %	Prominent Wind Direction : NE Average Wind Speed : 7.0 Km/Hr

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	6.05	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	12.1	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	43.1	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	21.6	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	11.5	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.02	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.11	IS 5182 (Part 10): 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	7.86	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	3.30	IS 5182 (Part 11): 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)-particulate phase only	ng/m ³	1	0.65	IS 5182 (Part 12): 2004 RA 2014

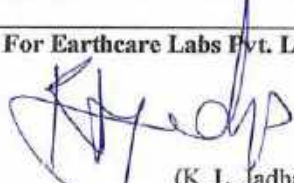


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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-07/Apr-20/03			Report Date : 21-05-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	1.80	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	5.11	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3.. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL No: 50-DTE-2013. Certificate No: LES-CCL/FF/PM/SC/121 Date of Calibration 03/04/2020, Recalibration due date 02/04/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
			 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/Apr-20/04	Report Date : 21-05-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL/R/HEA:00457 dtd. 15-04-2020 for the period valid upto 30-04-2020	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/Apr-20/09/01/AA-04	Sampling Location : Old Switch Yard (Near AAQMS Cabin-03) Environment Condition : Sunny (during sampling)
Sampling Date : From 29-04-2020 to 30-04-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 30 °C Avg. Relative Humidity : 48 %	Prominent Wind Direction : ENE Average Wind Speed : 5.0 Km/Hr

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	7.92	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	8.15	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	41.8	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	20.5	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	11.5	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.11	IS 5182 (Part 10) : 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	4.52	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	2.80	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.58	IS 5182 (Part 12) : 2004 RA 2014

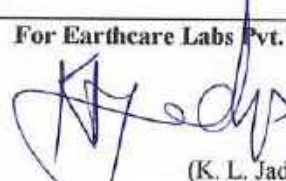


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Report No. : ELPL/QD4/TRD/5.10/AA-07/Apr-20/05			Report Date : 21-05-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	1.83	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	5.30	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1 ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3.. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 50-DTE-2013. Certificate No: LES-CCL/FF/PM/SC/121 Date of Calibration 03/04/2020, Recalibration due date 02/04/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
			 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/Apr-20/06	Report Date : 21-05-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village – Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00457 dtd. 15-04-2020 for the period valid upto 30-04-2020	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/Apr-20/09/01/AA-06	Sampling Location : ETP (Near AAQMS Cabin-02 & RWH Pond) Environment Condition : Sunny (during sampling)
Sampling Date : From 27-04-2020 to 28-04-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 28 °C Avg. Relative Humidity : 53 %	Prominent Wind Direction : NE Average Wind Speed : 7.0 Km/Hr

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	6.12	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	12.4	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	43.7	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	21.4	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	11.7	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.10	IS 5182 (Part 10) : 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	100	1.15	APHA- Method No.401 (42604-01-121), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	2.15	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.50	IS 5182 (Part 12) : 2004 RA 2014



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-07/Apr-20/06			Report Date : 21-05-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	1.34	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	5.12	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details. Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL No. 65-DTA-2014. Certificate No: LES CCL/FF/PM/SC/122, Date of Calibration 03/04/2020, Recalibration due date 02/04/2021.					
Remarks. Ambient air quality is meeting the norms for above parameters					
			 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/Apr-20/07	Report Date : 21-05-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00457 dtd. 15-04-2020 for the period valid upto 30-04-2020	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010	Sampling Location : ETP (Near AAQMS Cabin-02 & RWH Pond)
Sample Inward No. : ELPL/Apr-20/09/01/AA-07	Environment Condition : Sunny (during sampling)
Sampling Date : From 29-04-2020 to 30-04-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 30 °C Avg. Relative Humidity : 48 %	Prominent Wind Direction : ENE Average Wind Speed : 5.0 Km/Hr

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	6.25	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	11.8	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	39.7	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	18.9	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	10.9	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.10	IS 5182 (Part 10): 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	3.81	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.94	IS 5182 (Part 11): 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.45	IS 5182 (Part 12): 2004 RA 2014

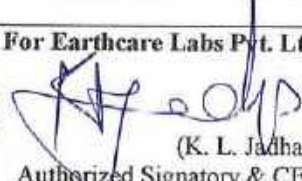


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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/OD4/TRD/5.10/AA-07/Apr-20/07			Report Date : 21-05-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	1.67	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	5.08	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 65-DTA-2014. Certificate No: LES-CCL/FF/PM/SC/122, Date of Calibration 03/04/2020, Recalibration due date 02/04/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
			 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/May-20/97	Report Date : 13-06-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist - Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/May-20/09/07/AA-97	Sampling Location : VIP Gate (near AAQMS Cabin-01) Environment Condition: Sunny (during sampling)
Sampling Date : From 25-05-2020 to 26-05-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 38.7 °C Avg. Relative Humidity : 16.8 %	Prominent Wind Direction : NNW Average Wind Speed : 7.8 Km/Hr

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	6.9	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	12.1	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	45.1	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	21.4	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	10.2	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.07	IS 5182 (Part 10) : 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	3.22	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.87	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.22	IS 5182 (Part 12) : 2004 RA 2014

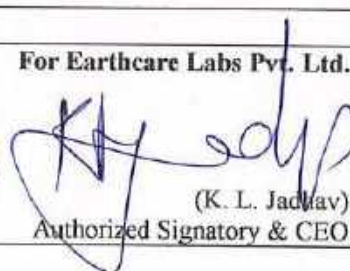


EARTHCARE LABS PRIVATE LIMITED

(Laboratory Division)

Environmental Laboratory & EIA Consultant Organization

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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-07/May-20/97			Report Date : 13-06-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	1.40	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	5.10	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make KMCR -704 SL No:04-DTE-2019. Certificate No: 19060801-01, Date of Calibration 08/06/2019, Recalibration due date 07/06/2020					
Remarks: Ambient air quality is meeting the norms for above parameters					
			For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO 		



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/May-20/98	Report Date : 13-06-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village – Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/May-20/09/07/AA-98	Sampling Location : VIP Gate (near AAQMS Cabin-01) Environment Condition: Sunny (during sampling)
Sampling Date : From 27-05-2020 to 28-05-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 39.0 °C Avg. Relative Humidity : 13.7 %	Prominent Wind Direction : WSW Average Wind Speed : 12.5 Km/Hr

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	7.02	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	11.7	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	45.3	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	22.8	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	9.04	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.05	IS 5182 (Part 10) : 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	3.11	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.25	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.19	IS 5182 (Part 12) : 2004 RA 2014



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-07/May-20/98			Report Date : 13-06-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	1.56	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	5.08	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make KMCR -704 SL. No: 04-DTE-2019. Certificate No: 19060801-01, Date of Calibration 08/06/2019, Recalibration due date 07/06/2020					
Remarks: Ambient air quality is meeting the norms for above parameters					
			For Earthcare Labs Pvt. Ltd. (K. L. Jadhav) Authorized Signatory & CEO		





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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/May-20/99	Report Date : 13-06-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village – Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/May-20/09/07/AA-99	Sampling Location : Old Switch Yard (Near AAQMS Cabin-03) Environment Condition : Sunny (during sampling)
Sampling Date : From 25-05-2020 to 26-05-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 38.7 °C Avg. Relative Humidity : 16.8 %	Prominent Wind Direction : NNW Average Wind Speed : 7.8 Km/Hr

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	6.09	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	10.3	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	41.5	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	20.8	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	7.16	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.04	IS 5182 (Part 10): 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.97	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.25	IS 5182 (Part 11): 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.16	IS 5182 (Part 12): 2004 RA 2014

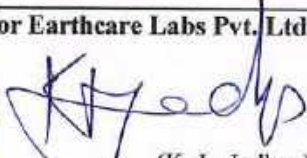


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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-07/May-20/99			Report Date : 13-06-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	1.24	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	5.02	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3.. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 50-DTE-2013. Certificate No: LES-CCL/FF/PM/SC/121 Date of Calibration 03/04/2020, Recalibration due date 02/04/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
			 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/May-20/100	Report Date : 13-06-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL/R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/May-20/09/07/AA-100	Sampling Location : Old Switch Yard (Near AAQMS Cabin-03) Environment Condition : Sunny (during sampling)
Sampling Date : From 27-05-2020 to 28-05-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 39.0 °C Avg. Relative Humidity : 13.7 %	Prominent Wind Direction : WSW Average Wind Speed : 12.5 Km/Hr

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	6.25	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	10.1	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	40.7	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	20.2	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	6.87	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.05	IS 5182 (Part 10): 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	3.01	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.65	IS 5182 (Part 11): 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.16	IS 5182 (Part 12): 2004 RA 2014

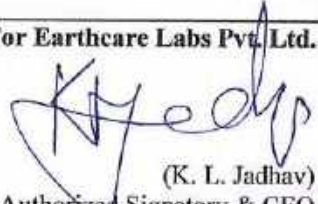


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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-07/May-20/100			Report Date : 13-06-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	1.44	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	5.11	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1 ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3.. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 50-DTE-2013. Certificate No: LES-CCL/FF/PM/SC/121 Date of Calibration 03/04/2020, Recalibration due date 02/04/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
			For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO 		



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/May-20/101	Report Date : 13-06-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village – Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/May-20/09/07/AA-101	Sampling Location : ETP (Near AAQMS Cabin-02 & RWH Pond) Environment Condition : Sunny (during sampling)
Sampling Date : From 25-05-2020 to 26-05-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 38.7 °C Avg. Relative Humidity : 16.8 %	Prominent Wind Direction : NNW Average Wind Speed : 7.8 Km/Hr

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	6.00	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	8.21	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	40.1	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	19.3	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	6.14	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.04	IS 5182 (Part 10): 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.32	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.56	IS 5182 (Part 11): 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.12	IS 5182 (Part 12): 2004 RA 2014



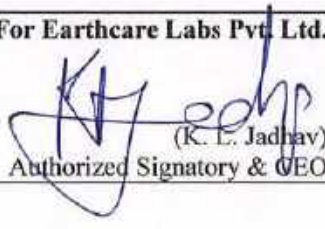
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Report No. : ELPL/QD4/TRD/5.10/AA-07/May-20/101			Report Date : 13-06-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	1.11	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	4.24	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 65-DTA-2014. Certificate No: LES-CCL/FF/PM/SC/122, Date of Calibration 03/04/2020, Recalibration due date 02/04/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
					
			For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/May-20/102	Report Date : 13-06-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village – Tadali, Dist. Chandrapur	
Ref.: Your Work Order DIL:R:IEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/May-20/09/07/AA-102	Sampling Location : ETP (Near AAQMS Cabin-02 & RWH Pond) Environment Condition : Sunny (during sampling)
Sampling Date : From 27-05-2020 to 28-05-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 39.0 °C Avg. Relative Humidity : 13.7 %	Prominent Wind Direction : WSW Average Wind Speed : 12.5 Km/Hr

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	6.16	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	8.15	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	38.4	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	18.5	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	3.56	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.05	IS 5182 (Part 10) : 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.11	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.16	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.14	IS 5182 (Part 12) : 2004 RA 2014

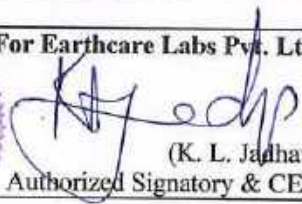


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Report No. : ELPL/QD4/TRD/5.10/AA-07/May-20/102			Report Date : 13-06-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	0.85	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	4.12	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 65-DTA-2014. Certificate No: LES-CCL/FF/PM/SC/122, Date of Calibration 03/04/2020, Recalibration due date 02/04/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
			For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



Certificate No.: TC-7572

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Environmental Laboratory & EIA Consultant Organization

(NABL QCI Accredited, MoEP Recognized, NABET QCI Accredited, ISO 9001, ISO 14001 & OHSAS 18001 Certified)

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Test Report

Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/June-20/92	Report Date : 03-07-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample	Sampling Location : VIP Gate (near AAQMS Cabin-01)
Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010	Environment Condition: Sunny (during sampling)
Sample Inward No. : ELPL/June-20/09/35/AA-92	
Sampling Date : From 24-06-2020 to 25-06-2020	Sampled by : ELPL Representative
Sample Receipt Date : 30-06-2020	
Avg. Ambient Temp : 28.6 °C	Prominent Wind Direction : SSW
Avg. Relative Humidity : 81.7 %	Average Wind Speed : 5.4 Km/Hr
Period of Analysis : From 01-07-2020 to 03-07-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	6.24	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	12.3	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)*	µg/m ³	100	41.4	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	20.2	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	6.19	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)*	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)*	mg/m ³	2	0.06	IS 5182 (Part 10): 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	1.74	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)*	µg/m ³	5	1.18	IS 5182 (Part 11): 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only*	ng/m ³	1	0.28	IS 5182 (Part 12): 2004 RA 2014



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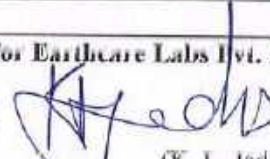
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-07/June-20/92			Report Date : 03-07-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)*	ng/m ³	6	1.26	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)*	ng/m ³	20	5.07	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1. *indicate that parameters not covered under NABL Scope of Accreditation. 2. ** indicate NAAQS (Govt. of India MoEF Notification No. Q3R 826 CE dtd.16-11-2009 as amended). 3. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 4. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL No: 98-DTF-2017. Certificate No: LES-CCL/FFPM/SC/111, Date of Calibration 03/04/2020, Recalibration due date 02/04/2021					
Remark: Ambient air quality is meeting the norms for above parameters					
			For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		





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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/June-20/93	Report Date : 03-07-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village – Tadali, Dist. - Chandrapur	
Ref.: Your Work Order DIL/R:IEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010	Sampling Location : VIP Gate (near AAQMS Cabin-01)
Sample Inward No. : ELPL/June-20/09/35/AA-93	Environment Condition: Sunny (during sampling)
Sampling Date : From 26-06-2020 to 27-06-2020 Sample Receipt Date : 30-06-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 29.0°C Avg. Relative Humidity : 70.0 %	Prominent Wind Direction : SW Average Wind Speed : 5.5 Km/Hr
Period of Analysis : From 01-07-2020 to 03-07-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	6.48	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	12.8	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)*	µg/m ³	100	42.8	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	21.1	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	6.26	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)*	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)*	mg/m ³	2	0.07	IS 5182 (Part 10): 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	1.92	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)*	µg/m ³	5	1.22	IS 5182 (Part 11): 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only*	ng/m ³	1	0.26	IS 5182 (Part 12): 2004 RA 2014



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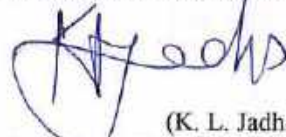
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Certificate No.: IC-7572

Report No. : ELPL/QD4/TRD/5.10/AA-07/June-20/93			Report Date : 03-07-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)*	ng/m ³	6	1.09	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)*	ng/m ³	20	4.93	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1. *indicate that parameters not covered under NABL Scope of Accreditation. 2. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 3. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 4. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL, No: 50-DTE-2013. Certificate No: LES-CCL/FF/PM/SC/113 Date of Calibration 03/04/2020, Recalibration due date 02/04/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
			For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		





Certificate No.: TC-7572



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/June-20/94	Report Date : 03-07-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist - Chandrapur	
Ref.: Your Work Order DIL/R/HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010	Sampling Location : Old Switch Yard (near AAQMS Cabin-03)
Sample Inward No. : ELPL/June-20/09/35/AA-94	Environment Condition: Sunny (during sampling)
Sampling Date : From 24-06-2020 to 25-06-2020 Sample Receipt Date : 30-06-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 28.6 °C Avg. Relative Humidity : 81.7 %	Prominent Wind Direction : SSW Average Wind Speed : 5.4 Km/Hr
Period of Analysis : From 01-07-2020 to 03-07-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	6.15	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	11.8	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)*	µg/m ³	100	43.2	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	19.9	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	5.30	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)*	mg/m ³	2	0.03	IS 5182 (Part 10) : 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.09	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)*	µg/m ³	5	1.18	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only*	ng/m ³	1	0.15	IS 5182 (Part 12) : 2004 RA 2014



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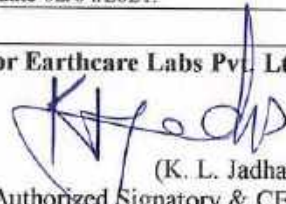
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-07/June-20/94			Report Date : 03-07-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)*	ng/m ³	6	1.35	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)*	ng/m ³	20	4.95	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1. *indicate that parameters not covered under NABL Scope of Accreditation. 2. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 3. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 4. Instrument Calibration Details: Combined PM₁₀ & PM_{2.5} Sampler Make APM 250 SL. No: 65-DTA-2014. Certificate No: LES-CCL/FF/PM/SC/112, Date of Calibration 03/04/2020, Recalibration due date 02/04/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
			For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		





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Test Report

Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/June-20/95	Report Date : 03-07-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village – Tadali, Dist - Chandrapur	
Ref.: Your Work Order DIL/R/HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010	Sampling Location : Old Switch Yard (near AAQMS Cabin-03)
Sample Inward No. :ELPL/June-20/09/35/AA-95	Environment Condition: Sunny (during sampling)
Sampling Date : From 26-06-2020 to 27-06-2020 Sample Receipt Date : 30-06-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 29.5°C Avg. Relative Humidity : 70.0 %	Prominent Wind Direction : SW Average Wind Speed : 5.5 Km/Hr
Period of Analysis : From 01-07-2020 to 03-07-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	6.19	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	10.6	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)*	µg/m ³	100	45.8	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	21.3	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	5.81	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)*	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)*	mg/m ³	2	0.03	IS 5182 (Part 10) : 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.21	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)*	µg/m ³	5	1.20	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)



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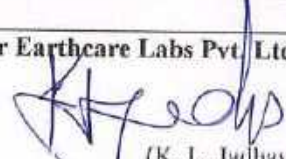
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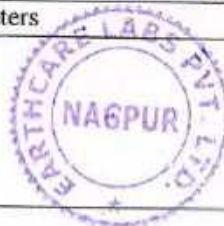
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-07/June-20/95				Report Date : 03-07-2020	
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
10.	Benzo [a] Pyrene (as BaP)-particulate phase only*	ng/m ³	1	0.18	IS 5182 (Part 12) : 2004 RA 2014
11.	Arsenic (As)*	ng/m ³	6	1.43	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)*	ng/m ³	20	4.29	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1. *indicate that parameters not covered under NABL Scope of Accreditation. 2. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 3. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 4. Instrument Calibration Details: Combined PM₁₀ & PM_{2.5} Sampler Make APM 250 SL. No: 65-DTA-2014. Certificate No: LES-CCL/FF/PM/SC/112, Date of Calibration 03/04/2019, Recalibration due date 02/04/2020.					
Remarks: Ambient air quality is meeting the norms for above parameters					
				For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO	





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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report

Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/June-20/96	Report Date : 03-07-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village – Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL/R/HEA/00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/June-20/09/35/AA-96	Sampling Location: ETP (Near AAQMS Cabin 2 & RWH Pond) Environment Condition: Sunny (during sampling)
Sampling Date : From 24-06-2020 to 25-06-2020 Sample Receipt Date : 30-06-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 28.6°C Avg. Relative Humidity : 81.7 %	Prominent Wind Direction : SSW Average Wind Speed : 5.4 Km/Hr
Period of Analysis : From 01-07-2020 to 03-07-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	6.17	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	9.16	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)*	µg/m ³	100	37.9	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	19.7	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	5.16	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)*	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)*	mg/m ³	2	0.02	IS 5182 (Part 10) : 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.32	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)*	µg/m ³	5	1.34	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)



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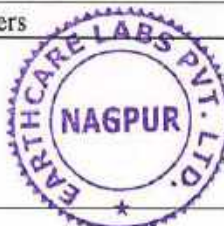
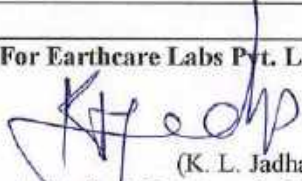
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-13/June-20/96				Report Date : 03-07-2020	
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
10.	Benzo [a] Pyrene (as BaP)-particulate phase only*	ng/m ³	1	0.16	IS 5182 (Part 12) : 2004 RA 2014
11.	Arsenic (As)*	ng/m ³	6	1.40	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)*	ng/m ³	20	4.21	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1. *indicate that parameters not covered under NABL Scope of Accreditation. 2. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 3. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 4. Instrument Calibration Details: Combined PM₁₀ & PM_{2.5} Sampler Make APM 250 SL. No: 98-DTF-2017. Certificate No: LES-CCL/FFPM/SC/111, Date of Calibration 03/04/2019, Recalibration due date 02/04/2020.					
Remarks: Ambient air quality is meeting the norms for above parameters					
					For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO



Certificate No.: TC-7572

EARTHCARE LABS PRIVATE LIMITED

(Laboratory Division)

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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report

Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/June-20/97	Report Date : 03-07-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist. - Chandrapur	
Ref.: Your Work Order DIL/R/HEA/00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/June-20/09/35/AA-97	Sampling Location : ETP (Near AAQMS Cabin 2 & RWH Pond) Environment Condition: Sunny (during sampling)
Sampling Date : From 26-06-2020 to 27-06-2020 Sample Receipt Date : 30-06-2020	Sampled by : EPL Representative
Avg. Ambient Temp : 29.5°C Avg. Relative Humidity : 70.0 %	Prominent Wind Direction : SW Average Wind Speed : 5.5 Km/Hr
Period of Analysis : From 01-07-2020 to 03-07-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	6.24	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	10.5	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)*	µg/m ³	100	43.1	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	21.0	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	5.66	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)*	µg/m ³	1.0	0.02	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)*	mg/m ³	2	0.03	IS 5182 (Part 10) : 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.49	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)*	µg/m ³	5	1.46	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)



Certificate No.: TC-7572



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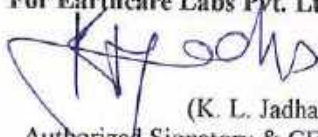
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-13/June-20/97				Report Date : 03-07-2020	
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
10.	Benzo [a] Pyrene (as BaP)-particulate phase only*	ng/m ³	1	0.18	IS 5182 (Part 12) : 2004 RA 2014
11.	Arsenic (As)*	ng/m ³	6	1.23	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)*	ng/m ³	20	4.92	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1. *indicate that parameters not covered under NABL Scope of Accreditation. 2. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd 16-11-2009 as amended). 3. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 4. Instrument Calibration Details: Combined PM₁₀ & PM_{2.5} Sampler Make APM 250 SL No: 50-DTE-2013, Certificate No: LES-CCL/FF/PM/SC/113 Date of Calibration 03/04/2020, Recalibration due date 02/04/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
				For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO	





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Test Report

Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/July-20/33	Report Date : 23-07-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist - Chandrapur	
Ref.: Your Work Order DIL/R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample	Sampling Location : VIP Gate (near AAQMS Cabin-01)
Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010	Environment Condition: Cloudy (during sampling)
Sample Inward No. : ELPL/July-20/09/26/AA-33	
Sampling Date : From 14-07-2020 to 15-07-2020	Sampled by : ELPL Representative
Sample Receipt Date : 18-07-2020	
Avg. Ambient Temp : 26.4 °C	Prominent Wind Direction : SSW
Avg. Relative Humidity : 92.9 %	Average Wind Speed : 5.3 Km/Hr
Period of Analysis : From 19-07-2020 to 23-07-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	7.43	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	17.8	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	43.4	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	22.1	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	5.98	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	10	0.03	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.10	IS 5182 (Part 10): 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	3.10	APIA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.64	IS 5182 (Part 11): 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.47	IS 5182 (Part 12): 2004 RA 2014



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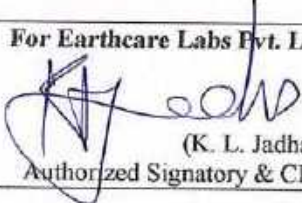
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-07/July-20/33			Report Date : 23-07-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	1.75	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	6.18	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1.** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dt.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 98-DTF-2017. Certificate No: LES-CCL/FFPM/SC/111, Date of Calibration 03/04/2020, Recalibration due date 02/04/2021					
Remarks: Ambient air quality is meeting the norms for above parameters					
			 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/July-20/34	Report Date : 23-07-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist - Chandrapur	
Ref.: Your Work Order DILR:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010	Sampling Location : VIP Gate (near AAQMS Cabin-01)
Sample Inward No. : ELPL/July-20/09/26/AA-34	Environment Condition: Cloudy (during sampling)
Sampling Date : From 16-07-2020 to 17-07-2020 Sample Receipt Date : 18-07-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 27.0°C Avg. Relative Humidity : 90.5 %	Prominent Wind Direction : WSW Average Wind Speed : 4.5 Km/Hr
Period of Analysis : From 19-07-2020 to 23-07-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	7.10	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	17.1	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	44.5	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	21.6	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	5.58	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.02	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.09	IS 5182 (Part 10) : 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.68	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.56	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.44	IS 5182 (Part 12) : 2004 RA 2014



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-07/July-20/34			Report Date : 23-07-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	1.70	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	5.98	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1.** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 50-DTE-2013. Certificate No: LES-CCL/FF/PM/SC/113 Date of Calibration 03/04/2020, Recalibration due date 02/04/2021					
Remarks: Ambient air quality is meeting the norms for above parameters					
					
			For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/Aug-20/01	Report Date : 14-08-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist - Chandrapur	
Ref.: Your Work Order DIL/R-HEA/00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010	Sampling Location : VIP Gate (near AAQMS Cabin-01) Environment Condition: Cloudy (during sampling)
Sample Inward No. : ELPL/Aug-20/09/03/AA-01	
Sampling Date : From 04-08-2020 to 05-08-2020 Sample Receipt Date : 08-08-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 26.3 °C Avg. Relative Humidity : 90.1 %	Prominent Wind Direction : SSW Average Wind Speed : 5.4 Km/Hr
Period of Analysis : From 09-08-2020 to 14-08-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	6.89	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	12.4	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	43.3	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	17.2	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	3.34	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.04	IS 5182 (Part 10): 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	1.73	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	0.89	IS 5182 (Part 11): 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.18	IS 5182 (Part 12): 2004 RA 2014



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-07/Aug-20/01			Report Date : 14-08-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	0.72	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	2.16	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1.** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL, No: 50-DTE-2013. Certificate No: 20080102-10, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021					
Remarks: Ambient air quality is meeting the norms for above parameters					
			For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-01/Aug-20/02	Report Date : 14-08-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample	Sampling Location : VIP Gate (near AAQMS Cabin-01)
Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010	Environment Condition: Cloudy (during sampling)
Sample Inward No. : ELPL/Aug-20/09/03/AA-02	
Sampling Date : From 06-08-2020 to 07-08-2020	Sampled by : ELPL Representative
Sample Receipt Date : 08-08-2020	
Avg. Ambient Temp : 25.9°C	Prominent Wind Direction : SSW
Avg. Relative Humidity : 87.6 %	Average Wind Speed : 10.1 Km/Hr
Period of Analysis : From 09-08-2020 to 14-08-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	6.90	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	12.8	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	44.0	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	19.8	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	3.12	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.03	IS 5182 (Part 10): 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	1.62	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	0.81	IS 5182 (Part 11): 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.17	IS 5182 (Part 12): 2004 RA 2014



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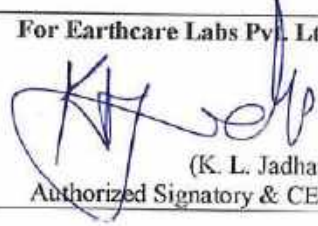
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-07/Aug-20/02			Report Date : 14-08-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	0.61	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	1.83	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1.** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 50-DTE-2013. Certificate No: 20080102-10, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021					
Remarks: Ambient air quality is meeting the norms for above parameters					
			 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/Aug-20/05	Report Date : 14-08-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist. - Chandrapur	
Ref.: Your Work Order DILR:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010	Sampling Location: ETP (Near AAQMS Cabin 2 & RWH Pond) Environment Condition: Cloudy (during sampling)
Sample Inward No. : ELPL/Aug-20/09/03/AA-05	
Sampling Date : From 04-08-2020 to 05-08-2020	Sampled by : ELPL Representative
Sample Receipt Date : 08-08-2020	
Avg. Ambient Temp : 26.3 °C Avg. Relative Humidity : 90.1 %	Prominent Wind Direction : SSW Average Wind Speed : 5.4 Km/Hr
Period of Analysis : From 09-08-2020 to 14-08-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	7.73	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	12.5	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	50.3	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	22.3	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	3.86	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.03	IS 5182 (Part 10) : 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	1.74	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.60	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)



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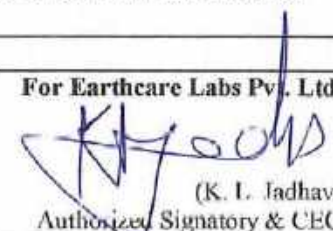
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-13/Aug-20/05				Report Date : 14-08-2020	
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
10.	Benzo [a] Pyrene (as BaP)-particulate phase only	ng/m ³	1	0.18	IS 5182 (Part 12) : 2004 RA 2014
11.	Arsenic (As)	ng/m ³	6	1.19	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	3.11	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1.** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 98-DTF-2017. Certificate No: 20080102-12, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
					
			For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/Aug-20/06	Report Date : 14-08-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist. - Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. :ELPL/Aug-20/09/03/AA-06	Sampling Location : ETP (Near AAQMS Cabin 2 & RWH Pond) Environment Condition: Cloudy (during sampling)
Sampling Date : From 06-08-2020 to 07-08-2020 Sample Receipt Date : 08-08-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 25.9°C Avg. Relative Humidity : 87.6 %	Prominent Wind Direction : SSW Average Wind Speed : 10.1 Km/Hr
Period of Analysis : From 09-08-2020 to 14-08-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	7.63	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	14.2	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	52.9	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	22.3	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	3.96	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.04	IS 5182 (Part 10) : 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.14	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.84	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)



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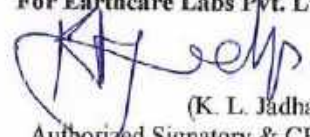
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-13/Aug-20/06				Report Date : 14-08-2020	
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
10.	Benzo [a] Pyrene (as BaP)-particulate phase only	ng/m ³	1	0.21	IS 5182 (Part 12) : 2004 RA 2014
11.	Arsenic (As)	ng/m ³	6	1.20	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	3.36	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 98-DTF-2017. Certificate No: 20080102-12, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
				 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO	



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/Aug-20/03	Report Date : 14-08-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL/R/HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/JAug-20/09/03/AA-03	Sampling Location : Old Switch Yard (near AAQMS Cabin-03) Environment Condition: Cloudy (during sampling)
Sampling Date : From 04-08-2020 to 05-08-2020 Sample Receipt Date : 08-08-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 26.3 °C Avg. Relative Humidity : 90.1 %	Prominent Wind Direction : SSW Average Wind Speed : 5.4 Km/Hr
Period of Analysis : From 09-08-2020 to 14-08-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	7.70	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	14.5	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	53.6	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	22.7	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	4.14	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.05	IS 5182 (Part 10) : 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.16	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.16	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.14	IS 5182 (Part 12) : 2004 RA 2014



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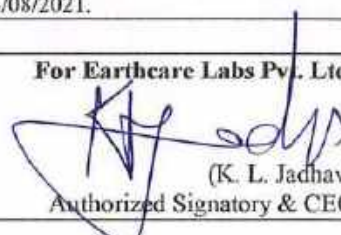
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Email: earthcare2000@gmail.com, **Website:** www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-07/Aug-20/03			Report Date : 14-08-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	1.04	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	2.91	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 65-DTA-2014. Certificate No: 20080102-11, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
			 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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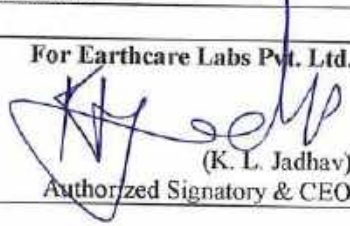
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Report No. : ELPL/QD4/TRD/5.10/AA-07/Aug-20/04				Report Date : 14-08-2020	
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
10.	Benzo [a] Pyrene (as BaP)-particulate phase only	ng/m ³	1	0.19	IS 5182 (Part 12) : 2004 RA 2014
11.	Arsenic (As)	ng/m ³	6	1.18	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	3.06	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1.** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 65-DTA-2014. Certificate No: 20080102-11, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/Sept-20/32	Report Date : 16-09-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist. - Chandrapur	
Ref.: Your Work Order DILR:HEA 00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010	Sampling Location : VIP Gate (near AAQMS Cabin-01) Environment Condition: Cloudy (during sampling)
Sample Inward No. : ELPL/Sept-20/09/20/AA-32	
Sampling Date : From 09-09-2020 to 10-09-2020 Sample Receipt Date : 13-09-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 27.8 °C Avg. Relative Humidity : 80.9 %	Prominent Wind Direction : SSW Average Wind Speed : 3.4 Km/Hr
Period of Analysis : From 14-09-2020 to 16-09-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	7.23	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	15.3	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	45.6	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	19.9	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	3.81	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.02	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.05	IS 5182 (Part 10) : 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.14	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	0.94	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.20	IS 5182 (Part 12) : 2004 RA 2014



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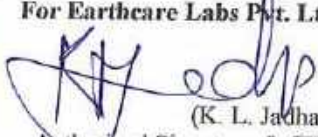
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-07/Sept/32			Report Date : 16-09-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	0.84	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	2.28	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 50-DTE-2013. Certificate No: 20080102-10, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021					
Remarks: Ambient air quality is meeting the norms for above parameters					
			 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/Sept-20/33	Report Date : 16-09-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist. - Chandrapur	
Ref.: Your Work Order DILR:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/Sept-20/09/20/AA-33	Sampling Location : VIP Gate (near AAQMS Cabin-01) Environment Condition: Cloudy (during sampling)
Sampling Date : From 11-09-2020 to 12-09-2020 Sample Receipt Date : 13-09-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 26.6 °C Avg. Relative Humidity : 78.1 %	Prominent Wind Direction : SSE Average Wind Speed : 1.3 Km/Hr
Period of Analysis : From 14-09-2020 to 16-09-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	7.62	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	14.6	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	48.4	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	19.5	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	3.81	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.02	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.04	IS 5182 (Part 10): 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	1.60	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	0.90	IS 5182 (Part 11): 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.18	IS 5182 (Part 12): 2004 RA 2014



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-07/Sept-20/33			Report Date : 16-09-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	0.84	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	2.36	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1.** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 50-DTE-2013. Certificate No: 20080102-10, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021					
Remarks: Ambient air quality is meeting the norms for above parameters					
			 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/Sept-20/36	Report Date : 16-09-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist - Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/Sept-20/09/20/AA-36	Sampling Location: ETP (Near AAQMS Cabin 2 & RWH Pond) Environment Condition: Cloudy (during sampling)
Sampling Date : From 09-09-2020 to 10-09-2020 Sample Receipt Date : 13-09-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 27.8 °C Avg. Relative Humidity : 80.9 %	Prominent Wind Direction : SSW Average Wind Speed : 3.4 Km/Hr
Period of Analysis : From 14-09-2020 to 16-09-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	7.49	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	14.3	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	49.4	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	21.8	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	3.92	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.02	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.04	IS 5182 (Part 10) : 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.10	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.64	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)



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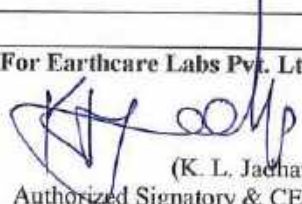
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Report No. : ELPL/QD4/TRD/5.10/AA-13/Sept-20/36				Report Date : 16-09-2020	
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
10.	Benzo [a] Pyrene (as BaP)-particulate phase only	ng/m ³	1	0.20	IS 5182 (Part 12) : 2004 RA 2014
11.	Arsenic (As)	ng/m ³	6	1.23	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	3.24	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1.** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL No: 98-DTF-2017. Certificate No: 20080102-12, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
				 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO	



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/Sept-20/37	Report Date : 16-09-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist. - Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. :ELPL/Sept-20/09/20/AA-37	Sampling Location : ETP (Near AAQMS Cabin 2 & RWH Pond) Environment Condition: Cloudy (during sampling)
Sampling Date : From 11-09-2020 to 12-09-2020 Sample Receipt Date : 13-09-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 26.6 °C Avg. Relative Humidity : 78.1 %	Prominent Wind Direction : SSE Average Wind Speed : 1.3 Km/Hr
Period of Analysis : From 14-09-2020 to 16-09-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	7.24	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	14.6	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter - size less than 10 µm (PM ₁₀)	µg/m ³	100	50.4	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter - size less than 2.5 µm (PM _{2.5})	µg/m ³	60	21.5	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	4.10	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.03	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.05	IS 5182 (Part 10) : 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.15	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.79	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)



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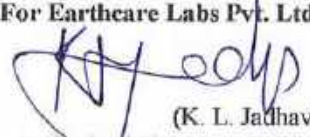
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-13/Sept-20/37				Report Date : 16-09-2020	
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
10.	Benzo [a] Pyrene (as BaP)-particulate phase only	ng/m ³	1	0.24	IS 5182 (Part 12) : 2004 RA 2014
11.	Arsenic (As)	ng/m ³	6	1.84	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	3.72	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 98-DTF-2017. Certificate No: 20080102-12, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
				For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO	





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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/Sept-20/34	Report Date : 16-09-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist - Chandrapur	
Ref.: Your Work Order DIL/R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/Sept-20/09/20/AA-34	Sampling Location : Old Switch Yard (near AAQMS Cabin-03) Environment Condition: Cloudy (during sampling)
Sampling Date : From 09-09-2020 to 10-09-2020 Sample Receipt Date : 13-09-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 27.8 °C Avg. Relative Humidity : 80.9 %	Prominent Wind Direction : SSW Average Wind Speed : 3.4 Km/Hr
Period of Analysis : From 14-09-2020 to 16-09-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	8.37	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	16.6	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	53.4	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	24.4	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	4.24	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.02	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.06	IS 5182 (Part 10): 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.66	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.24	IS 5182 (Part 11): 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.21	IS 5182 (Part 12): 2004 RA 2014



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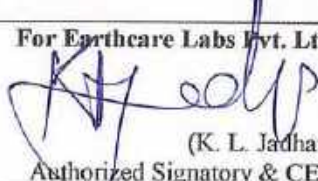
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/AA-07/Sept-20/34			Report Date : 16-09-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	1.18	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	2.95	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 65-DTA-2014. Certificate No: 20080102-11, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
			 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/5.10/AA-07/Sept-20/35	Report Date : 16-09-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist. - Chandrapur	
Ref.: Your Work Order DIL: R-HEA/00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010	Sampling Location : Old Switch Yard (near AAQMS Cabin-03)
Sample Inward No. : ELPL/Sept-20/09/20/AA-35	Environment Condition: Cloudy (during sampling)
Sampling Date : From 11-09-2020 to 12-09-2020 Sample Receipt Date : 13-09-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 26.6 °C Avg. Relative Humidity : 78.1 %	Prominent Wind Direction : SSE Average Wind Speed : 1.3 Km/Hr
Period of Analysis : From 14-09-2020 to 16-09-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	8.21	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	16.3	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	54.4	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	21.8	USEPA - 40 CFR Part 50 (Appendix O)
5.	Ozone (O ₃)	µg/m ³	100	4.37	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.03	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.07	IS 5182 (Part 10) : 1999 RA 2014 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.61	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.37	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)



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Report No. : ELPL/QD4/TRD/5.10/AA-07/Sept-20/35				Report Date : 16-09-2020	
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
10.	Benzo [a] Pyrene (as BaP)-particulate phase only	ng/m ³	1	0.28	IS 5182 (Part 12) : 2004 RA 2014
11.	Arsenic (As)	ng/m ³	6	1.27	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	3.14	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
Note : 1.** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 65-DTA-2014. Certificate No: 20080102-11, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
					
				For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO	



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/7.8/AA-03/Oct-20/102	Report Date : 16-10-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DILR:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010	Sampling Location : VIP Gate (near AAQMS Cabin-01)
Sample Inward No. : ELPL/Oct/09/24/AA-102	Environment Condition: Cloudy (during sampling)
Sampling Date : From 09-10-2020 to 10-10-2020 Sample Receipt Date : 13-10-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 27.1 °C Avg. Relative Humidity : 83.8 %	Prominent Wind Direction : NNE Average Wind Speed : 1.87 Km/Hr
Period of Analysis : From 14-10-2020 to 16-10-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	7.76	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	15.8	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	48.1	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	20.0	USEPA - 40 CFR Part 50 (Appendix L)
5.	Ozone (O ₃)	µg/m ³	100	3.84	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.02	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.06	IS 5182 (Part 10) : 1999 RA 2019 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.39	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	0.97	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.24	IS 5182 (Part 12) : 2004 RA 2019



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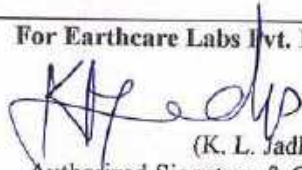
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Report No. : ELPL/QD4/TRD/7.8/AA-03/Oct-20/102			Report Date : 16-10-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	0.90	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	2.56	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 50-DTE-2013. Certificate No: 20080102-10, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021					
Remarks: Ambient air quality is meeting the norms for above parameters					
			 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/7.8/AA-03/Oct-20/103	Report Date : 16-10-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL/R/HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010	Sampling Location : VIP Gate (near AAQMS Cabin-01)
Sample Inward No. : ELPL/Oct-20/09/24/AA-103	Environment Condition: Cloudy (during sampling)
Sampling Date : From 11-10-2020 to 12-10-2020 Sample Receipt Date : 13-10-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 22.2 °C Avg. Relative Humidity : 77.2 %	Prominent Wind Direction : ENE Average Wind Speed : 2.91 Km/Hr
Period of Analysis : From 14-10-2020 to 16-10-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	7.58	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	15.2	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	47.6	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	19.4	USEPA - 40 CFR Part 50 (Appendix L)
5.	Ozone (O ₃)	µg/m ³	100	3.93	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.03	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.07	IS 5182 (Part 10) : 1999 RA 2019 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.33	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	0.95	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.22	IS 5182 (Part 12) : 2004 RA 2019



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Report No. : ELPL/QD4/TRD/7.8/AA-03/Oct-20/103			Report Date : 16-10-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	0.87	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	2.52	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL No: 50-DTE-2013. Certificate No: 20080102-10, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021					
Remarks: Ambient air quality is meeting the norms for above parameters					
					
			For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/7.8/AA-03/Oct-20/104	Report Date : 16-10-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010	Sampling Location : Old Switch Yard (near AAQMS Cabin-03)
Sample Inward No. : ELPL/Oct-20/09/24/AA-104	Environment Condition: Cloudy (during sampling)
Sampling Date : From 09-10-2020 to 10-10-2020 Sample Receipt Date : 13-10-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 27.1 °C Avg. Relative Humidity : 83.8 %	Prominent Wind Direction : NNE Average Wind Speed : 1.87 Km/Hr
Period of Analysis : From 14-10-2020 to 16-10-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	8.26	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	16.2	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	51.3	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	25.2	USEPA - 40 CFR Part 50 (Appendix L)
5.	Ozone (O ₃)	µg/m ³	100	3.96	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.03	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.07	IS 5182 (Part 10) : 1999 RA 2019 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.69	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.29	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.23	IS 5182 (Part 12) : 2004 RA 2019



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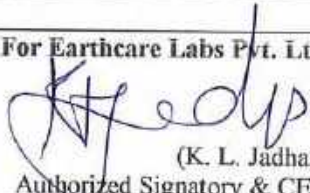
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Report No. : ELPL/QD4/TRD/7.8/AA-03/Oct-20/104			Report Date : 16-10-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	1.22	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	2.88	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 65-DTA-2014. Certificate No: 20080102-11, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
			 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/7.8/AA-03/Oct-20/105	Report Date : 16-10-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL: R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010	Sampling Location : Old Switch Yard (near AAQMS Cabin-03)
Sample Inward No. : ELPL/Oct-20/09/24/AA-105	Environment Condition: Cloudy (during sampling)
Sampling Date : From 11-10-2020 to 12-10-2020 Sample Receipt Date : 13-10-2020	Sampled by : FI.PI. Representative
Avg. Ambient Temp : 22.2 °C Avg. Relative Humidity : 77.2 %	Prominent Wind Direction : ENE Average Wind Speed : 2.91 Km/Hr
Period of Analysis : From 14-10-2020 to 16-10-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	8.33	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	16.7	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	54.4	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	24.4	USEPA - 40 CFR Part 50 (Appendix L)
5.	Ozone (O ₃)	µg/m ³	100	4.64	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.05	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.09	IS 5182 (Part 10) : 1999 RA 2019 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.86	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.40	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)



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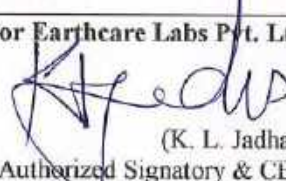
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Report No. : ELPL/QD4/TRD/7.8/AA-03/Oct-20/105				Report Date : 16-10-2020	
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
10.	Benzo [a] Pyrene (as BaP)-particulate phase only	ng/m ³	1	0.30	IS 5182 (Part 12) : 2004 RA 2019
11.	Arsenic (As)	ng/m ³	6	1.41	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	3.87	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 65-DTA-2014. Certificate No: 20080102-11, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
				 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO	



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/7.8/AA-03/Oct-20/106	Report Date : 16-10-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010	Sampling Location : ETP (Near AAQMS Cabin 2 & RWH Pond)
Sample Inward No. : ELPL/Oct-20/09/24/AA-106	Environment Condition: Cloudy (during sampling)
Sampling Date : From 09-10-2020 to 10-10-2020 Sample Receipt Date : 13-10-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 27.1 °C Avg. Relative Humidity : 83.8 %	Prominent Wind Direction : NNE Average Wind Speed : 1.87 Km/Hr
Period of Analysis : From 14-10-2020 to 16-10-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	7.38	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	14.3	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	47.2	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	19.7	USEPA - 40 CFR Part 50 (Appendix I.)
5.	Ozone (O ₃)	µg/m ³	100	3.70	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.02	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.03	IS 5182 (Part 10) : 1999 RA 2019 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.53	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.70	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)



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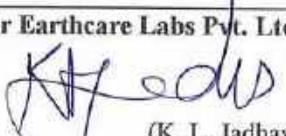
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Report No. : ELPL/QD4/TRD/7.8/AA-03/Oct-20/106				Report Date : 16-10-2020	
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
10.	Benzo [a] Pyrene (as BaP)-particulate phase only	ng/m ³	1	0.24	IS 5182 (Part 12) : 2004 RA 2019
11.	Arsenic (As)	ng/m ³	6	1.26	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	2.97	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL, No: 98-DTF-2017. Certificate No: 20080102-12, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
				 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO	



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/7.8/AA-03/Oct-20/107	Report Date : 16-10-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL/R/HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/Oct-20/09/24/AA-107	Sampling Location: ETP (Near AAQMS Cabin 2 & RWH Pond) Environment Condition: Cloudy (during sampling)
Sampling Date : From 11-10-2020 to 12-10-2020 Sample Receipt Date : 13-10-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 22.2 °C Avg. Relative Humidity : 77.2 %	Prominent Wind Direction : ENE Average Wind Speed : 2.91 Km/Hr
Period of Analysis : From 14-10-2020 to 16-10-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	7.61	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	14.4	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	48.2	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	21.5	USEPA - 40 CFR Part 50 (Appendix L)
5.	Ozone (O ₃)	µg/m ³	100	3.87	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.03	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.05	IS 5182 (Part 10) : 1999 RA 2019 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.33	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.83	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)



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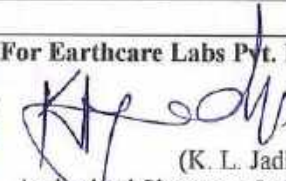
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Report No. : ELPL/QD4/TRD/7.8/AA-03/Oct-20/107				Report Date : 16-10-2020	
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
10.	Benzo [a] Pyrene (as BaP)-particulate phase only	ng/m ³	1	0.29	IS 5182 (Part 12) : 2004 RA 2019
11.	Arsenic (As)	ng/m ³	6	1.34	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	3.49	IS 5182 (Part 22). 2004 RA 2019 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL No: 98-DTF-2017. Certificate No: 20080102-12, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
				 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO	



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/7.8/AA-03/Nov-20/61	Report Date : 23-11-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/Nov-20/09/21/AA-61	Sampling Location : VIP Gate (near AAQMS Cabin-01) Environment Condition: Sunny (during sampling)
Sampling Date : From 11-11-2020 to 12-11-2020 Sample Receipt Date : 19-11-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 22.6 °C Avg. Relative Humidity : 53.6 %	Prominent Wind Direction : ENE Average Wind Speed : 3.12 Km/Hr
Period of Analysis : From 20-11-2020 to 23-11-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	7.79	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	15.3	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	44.3	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	19.1	USEPA - 40 CFR Part 50 (Appendix L)
5.	Ozone (O ₃)	µg/m ³	100	3.70	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.04	IS 5182 (Part 10): 1999 RA 2019 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.16	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	0.86	IS 5182 (Part 11): 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.22	IS 5182 (Part 12): 2004 RA 2019



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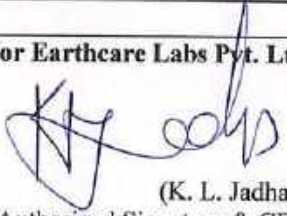
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/7.8/AA-03/Nov-20/61			Report Date : 23-11-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	0.86	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	2.46	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 50-DTE-2013. Certificate No: 20080102-10, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021					
Remarks: Ambient air quality is meeting the norms for above parameters					
			For Earthcare Labs Pvt. Ltd.		
					
			 (K. L. Jadhav) Authorized Signatory & CEO		



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Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/7.8/AA-03/Nov-20/62	Report Date : 23-11-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village – Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010	Sampling Location : VIP Gate (near AAQMS Cabin-01)
Sample Inward No. : ELPL/Nov-20/09/21/AA-62	Environment Condition: Sunny (during sampling)
Sampling Date : From 17-11-2020 to 18-11-2020 Sample Receipt Date : 19-11-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 25.9 °C Avg. Relative Humidity : 58.7 %	Prominent Wind Direction : Calm Average Wind Speed : < 1.0
Period of Analysis : From 20-11-2020 to 23-11-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	7.85	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	16.1	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	44.6	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	17.6	USEPA - 40 CFR Part 50 (Appendix L)
5.	Ozone (O ₃)	µg/m ³	100	3.81	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.05	IS 5182 (Part 10) : 1999 RA 2019 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.32	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	0.86	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.20	IS 5182 (Part 12) : 2004 RA 2019



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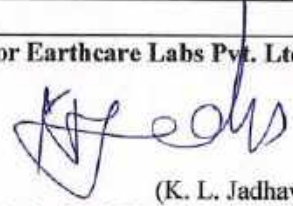
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/7.8/AA-03/Nov-20/62			Report Date : 23-11-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	0.77	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	2.34	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 50-DTE-2013. Certificate No: 20080102-10, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021					
Remarks: Ambient air quality is meeting the norms for above parameters					
			 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/7.8/AA-03/Nov-20/63	Report Date : 23-11-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010	Sampling Location : Old Switch Yard (near AAQMS Cabin-03)
Sample Inward No. : ELPL/Nov-20/09/21/AA-63	Environment Condition: Sunny (during sampling)
Sampling Date : From 11-11-2020 to 12-11-2020 Sample Receipt Date : 19-11-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 22.6 °C Avg. Relative Humidity : 53.6 %	Prominent Wind Direction : ENE Average Wind Speed : 3.12 Km/Hr
Period of Analysis : From 20-11-2020 to 23-11-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	8.15	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	16.5	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	48.4	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	23.9	USEPA - 40 CFR Part 50 (Appendix L)
5.	Ozone (O ₃)	µg/m ³	100	3.51	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.02	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.08	IS 5182 (Part 10) : 1999 RA 2019 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.70	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.24	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m ³	1	0.25	IS 5182 (Part 12) : 2004 RA 2019



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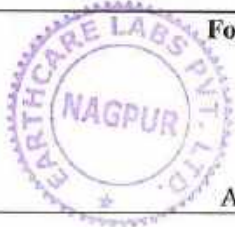
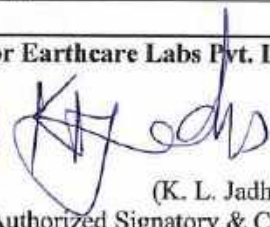
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C-11, Amar Enclave Commercial Wing, Jog Layout, Prashant Nagar, Near Ajni Square, Nagpur – 440 015, Tel & Fax: (0712) 2251470, Cell: 9766616862

Email: earthcare2000@gmail.com, **Website:** www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/7.8/AA-03/Nov-20/63			Report Date : 23-11-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	1.16	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	2.92	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 65-DTA-2014. Certificate No: 20080102-11, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
			For Earthcare Labs Pvt. Ltd.   (K. L. Jadhav) Authorized Signatory & CEO		



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/7.8/AA-03/Nov-20/64	Report Date : 23-11-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL: R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/Nov-20/09/21/AA-64	Sampling Location : Old Switch Yard (near AAQMS Cabin-03) Environment Condition: Sunny (during sampling)
Sampling Date : From 17-11-2020 to 18-11-2020 Sample Receipt Date : 19-11-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 25.9 °C Avg. Relative Humidity : 58.7 %	Prominent Wind Direction : Calm Average Wind Speed : < 1.0
Period of Analysis : From 20-11-2020 to 23-11-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	8.28	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	17.5	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	45.8	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	21.3	USEPA - 40 CFR Part 50 (Appendix L)
5.	Ozone (O ₃)	µg/m ³	100	3.26	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.03	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.07	IS 5182 (Part 10) : 1999 RA 2019 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.59	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.16	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/7.8/AA-03/Nov-20/65	Report Date : 23-11-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010	Sampling Location : ETP (Near AAQMS Cabin 2 & RWH Pond)
Sample Inward No. : ELPL/Nov-20/09/21/AA-65	Environment Condition: Sunny (during sampling)
Sampling Date : From 11-11-2020 to 12-11-2020 Sample Receipt Date : 19-11-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 22.6 °C Avg. Relative Humidity : 53.6 %	Prominent Wind Direction : ENE Average Wind Speed : 3.12 Km/Hr
Period of Analysis : From 20-11-2020 to 23-11-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	7.69	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	15.4	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	45.3	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	19.2	USEPA - 40 CFR Part 50 (Appendix L)
5.	Ozone (O ₃)	µg/m ³	100	3.45	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.02	IS 5182 (Part 10) : 1999 RA 2019 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.27	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.64	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)



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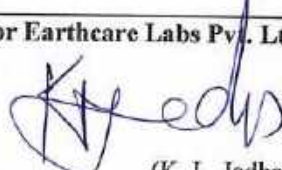
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/7.8/AA-03/Nov-20/65				Report Date : 23-11-2020	
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
10.	Benzo [a] Pyrene (as BaP)-particulate phase only	ng/m ³	1	0.22	IS 5182 (Part 12) : 2004 RA 2019
11.	Arsenic (As)	ng/m ³	6	1.19	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	2.14	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 98-DTF-2017. Certificate No: 20080102-12, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
				For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO	





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Email: earthcare2000@gmail.com, **Website:** www.earthcarenagpur.com

Test Report Ambient Air Quality

Report No. : ELPL/QD4/TRD/7.8/AA-03/Nov-20/66	Report Date : 23-11-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village – Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/Nov-20/09/21/AA-66	Sampling Location: ETP (Near AAQMS Cabin 2 & RWH Pond) Environment Condition: Sunny (during sampling)
Sampling Date : From 17-11-2020 to 18-11-2020 Sample Receipt Date : 19-11-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 25.9 °C Avg. Relative Humidity : 58.7 %	Prominent Wind Direction : Calm Average Wind Speed : < 1.0
Period of Analysis : From 20-11-2020 to 23-11-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	7.72	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	15.7	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	47.3	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	21.4	USEPA - 40 CFR Part 50 (Appendix L)
5.	Ozone (O ₃)	µg/m ³	100	3.58	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.02	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.03	IS 5182 (Part 10) : 1999 RA 2019 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.58	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.78	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)



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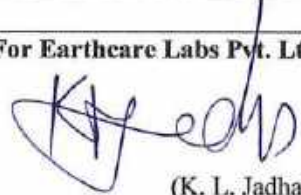
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/7.8/AA-03/Nov-20/66				Report Date : 23-11-2020	
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
10.	Benzo [a] Pyrene (as BaP)-particulate phase only	ng/m ³	1	0.26	IS 5182 (Part 12) : 2004 RA 2019
11.	Arsenic (As)	ng/m ³	6	1.22	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	2.19	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 98-DTF-2017. Certificate No: 20080102-12, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
				 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO	



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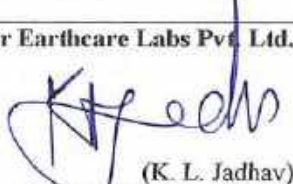
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Format No. : ELPL/QD4/TRD/7.8/AA

Report No. : ELPL/12-20/99				Report Date : 25-12-2020	
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
10.	Benzo [a] Pyrene (as BaP)-particulate phase only	ng/m ³	1	0.52	IS 5182 (Part 12) : 2004 RA 2019
11.	Arsenic (As)	ng/m ³	6	0.71	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	2.86	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL No: 65-DTA-2014. Certificate No: 20080102-11, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
				 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO	



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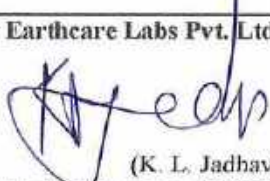
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Format No. : ELPL/QD4/TRD/7.8/AA

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Report No. : ELPL/12-20/100			Report Date : 25-12-2020		
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
11.	Arsenic (As)	ng/m ³	6	0.87	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	3.19	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details: Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL. No: 50-DTE-2013. Certificate No: 20080102-10, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021					
Remarks: Ambient air quality is meeting the norms for above parameters					
			 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO		



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Test Report Ambient Air Quality

Format No. : ELPL/QD4/TRD/7.8/AA

Report No. : ELPL/12-20/101	Report Date : 25-12-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL:R:HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/Dec-20/09/37/AA-101	Sampling Location: ETP (Near AAQMS Cabin 2 & RWH Pond) Environment Condition: Sunny (during sampling)
Sampling Date : From 19-12-2020 to 20-12-2020 Sample Receipt Date : 22-12-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 19.3 °C Avg. Relative Humidity : 47.6 %	Prominent Wind Direction : NNE Average Wind Speed : 5.2
Period of Analysis : From 22-12-2020 to 25-12-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	8.50	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	14.3	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	44.9	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	19.9	USEPA - 40 CFR Part 50 (Appendix L)
5.	Ozone (O ₃)	µg/m ³	100	3.24	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.01	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.05	IS 5182 (Part 10) : 1999 RA 2019 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.28	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.24	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)



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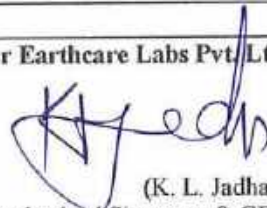
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Format No. : ELPL/QD4/TRD/7.8/AA

Report No. : ELPL/12-20/101				Report Date : 25-12-2020	
Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
10.	Benzo [a] Pyrene (as BaP)-particulate phase only	ng/m ³	1	0.24	IS 5182 (Part 12) : 2004 RA 2019
11.	Arsenic (As)	ng/m ³	6	1.07	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
12.	Nickel (Ni)	ng/m ³	20	2.83	IS 5182 (Part 22): 2004 RA 2019 (Clause 5.0)
Note : 1. ** indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended). 2. Test results relates to sample collected & tested. It shall not be reproduced partially or fully without prior approval of ELPL. 3. Instrument Calibration Details : Combined PM ₁₀ & PM _{2.5} Sampler Make APM 250 SL No: 98-DTF-2017. Certificate No: 20080102-12, Date of Calibration 05/08/2020, Recalibration due date 04/08/2021.					
Remarks: Ambient air quality is meeting the norms for above parameters					
				 For Earthcare Labs Pvt. Ltd.  (K. L. Jadhav) Authorized Signatory & CEO	



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Test Report Ambient Air Quality

Format No. : ELPL/QD4/TRD/7.8/AA

Report No. : ELPL/12-20/102	Report Date : 25-12-2020
Name & Address of the Customer : M/s. DHARIWAL INFRASTRUCTURE LTD. Plot No. C- 6, 7 & 8, Tadali Industrial Area, MIDC, Village - Tadali, Dist.- Chandrapur	
Ref.: Your Work Order DIL: R-HEA:00472 dtd. 16-05-2020 for the period valid upto March 2021	
Sample Description : Ambient Air Sample Sampling Ref Method : IS 5182 (Part 14) : 2000 RA 2010 Sample Inward No. : ELPL/Dec-20/09/37/AA-102	Sampling Location : Old Switch Yard (near AAQMS Cabin-03) Environment Condition: Sunny (during sampling)
Sampling Date : From 19-12-2020 to 20-12-2020 Sample Receipt Date : 22-12-2020	Sampled by : ELPL Representative
Avg. Ambient Temp : 19.3 °C Avg. Relative Humidity : 47.6 %	Prominent Wind Direction : NNE Average Wind Speed : 5.2
Period of Analysis : From 22-12-2020 to 25-12-2020	

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms**	Result	Test Method
1.	Sulphur Dioxide (SO ₂)	µg/m ³	80	8.25	IS 5182 (Part 2): 2001 RA 2017
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	80	16.3	IS 5182 (Part 6): 2006 RA 2017
3.	Particulate Matter size less than 10 µm (PM ₁₀)	µg/m ³	100	56.7	USEPA - 40 CFR Part 50 (Appendix O)
4.	Particulate Matter size less than 2.5 µm (PM _{2.5})	µg/m ³	60	23.4	USEPA - 40 CFR Part 50 (Appendix L)
5.	Ozone (O ₃)	µg/m ³	100	3.11	APHA- Method No.411 (44101-02-70T) 2nd edition
6.	Lead (Pb)	µg/m ³	1.0	0.02	IS 5182 (Part 22): 2004 RA 2014 (Clause 5.0)
7.	Carbon Monoxide (CO)	mg/m ³	2	0.15	IS 5182 (Part 10) : 1999 RA 2019 (Clause 5.0)
8.	Ammonia (NH ₃)	µg/m ³	400	2.59	APHA- Method No.401 (42604-01-72T), 2nd edition
9.	Benzene (C ₆ H ₆)	µg/m ³	5	1.51	IS 5182 (Part 11) : 2006 RA 2017 (Clause 4.0)



Mahabal Enviro Engineers Pvt. Ltd.

Engineer, Consultant, Environmental Monitoring Laboratory & Contractor

Plot Nos. 13,14,17,18, Grampanchayat Bokhara, 8 km from Nagpur City,
Opp. Patel Petrol Pump, Chhindwara Road, Koradi, Dist. Nagpur-441111
Phone : 91-712-2612162, 2612212 Email: mahabal.nagpur@gmail.com

Oil Sample Analysis Report

Report No.: ME-NG08493-200817-AT-DIL-TADALI		Date: 17.08.2020	
Name and Address of Customer	DHARIWAL INFRASTRUCTURE LTD., 2X 300MW Tadali Thermal Power Plant C-6 Tadali Growth Centre, MIDC Tadali, Dist. Chandrapur, Maharashtra -442406	Order Reference:	
		Verbal	
Sample Description/Type	Used Oil	Sample Collected by	Customer
Sampling Location	Power Plant	Sample Quantity/Packing	300 mL X 1 No. PVC Can
Date of Sampling	06.08.2020	Date of Receipt of Sample	06.08.2020
Sampling Procedure	Sample Tested as Received		
Date of Start of Analysis	06.08.2020	Date of Completion of Analysis	17.08.2020

Sr. No.	Parameter	Unit	Result	#Limit	Method Reference
1	Lead (as Pb)	Ppm	26.4	100	USEPA / SW 846/ Method 3031 and 7000B
2	Arsenic (as As)	ppm	0.984	5	USEPA / SW 846/ Method 3031 and 7062B
3	Cadmium (as Cd) + Chromium (as Cr) + Nickel (as Ni)	ppm	54.5	500	USEPA / SW 846/ Method 3031 and 7000B
4	Poly Aromatic Hydrocarbons (PAHs)	%	0.008	6	USEPA / SW 846/Method 8100 and 3650 B,
5	Polychlorinated Biphenyls (PCBs)	ppm	<2	<2	USEPA / SW 846/ Method 8082 and 3650 B,

Remarks: #Limit as per Hazardous Wastes (Management, Handling and Transboundary Movement) Rules 2016, Schedule V; All results expressed on as received basis.

END

FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

Harish Mendhi

TECHNICAL MANAGER



Note:

1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

Page 1 of 1

QF/SALE/02/Issue No 03 Dt 05.12.2019, And 00 Dt 00



Plot No. F-7, Road No. 21, MIDC Wagle Estate, Thane West - 400604, Maharashtra
(Turn Opp Toyota Show Room 600 m from Hotel Rukhmini Palace. Next to Ashida Electrical. Near J B Sawant Bus Stop)
Phone: 2582 0658/3139/1663/3154 Fax: +91-22-25823543 thane@mahabal.com



Maharashtra Pollution Control Board

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MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

RED/L.S.I (R48)

No:- Format1.0/CAC/UAN No.0000098447/CR - 2101000005

Date: 01/01/2021

To,
M/s Dhariwal Infrastructure Ltd.,
Plot No.C-6, C-7, C-8, Tadali Growth Centre
MIDC Tadali, Tal & Dist-Chandrapur.

Sub: Renewal of consent with increase in CI under RED Category.

- Ref:**
1. Earlier Consent granted by the Board vide No.Format1.0/BO/CAC-Cell/UAN No.59605/CAC-1902000294 dated 06.02.2019 valid up to 31.12.2020.
 2. Minutes of Consent Appraisal Committee Meeting held on 06.11.2020 & 09.11.2020.

Your application No.MPCB-CONSENT-0000098447 Dated 18.09.2020

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent to renewal is granted for a period up to 30/06/2021
2. The capital investment of the project is Rs.3904.5 Crs. (As per C.A Certificate submitted by industry Existing CI is Rs.3888.86 Cr + Increase in C.I. - Rs.15.64 Cr=Total CI-Rs. 3904.50 Cr.)
3. Consent is valid for the manufacture of:

Sr No	Product	Maximum Quantity	UOM
Products			
1	Electricity Generation (Coal based Thermal Power Plant-2x300MW)	600	MW

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	7776	As per Schedule-I	Recycle/reused 100 % for Cooling tower,Dust suppression and Ash handling plant.

(Signature)



Maharashtra Pollution Control Board

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Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	36	As per Schedule-I	On land for gardening

5. Conditions under Air (P& CP) Act, 1981 for air emissions:

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	1	Boiler-1	01	As per Schedule -II
2	2	Boiler-2	01	As per Schedule -II
3	3	DG Set-1	01	As per Schedule -II
4	4	DG set-2	01	As per Schedule -II

6. Non-Hazardous Wastes:

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Fly Ash	3620	Ton/D	Recycle	Send to Cement Manufacturing Plant, Brick Manufacturing Plant and dispose as per MoEF-CC, Gol Notification No.SO-763(E) dated 14.09.1999 and as amended time to time thereof.
2	Bottom Ash	900	Ton/D	Recycle	As above
3	Biological Sludge	0.5	Ton/M	Composting	Used as a manure

7. Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:

Sr No	Category	No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil		72	MT/A	Recycle	Send to Authorised Recycler/Re-procesor
2	35.2 Spent ion exchange resin containing toxic metals		5	MT/A	Landfill	CHWTSDF
3	35.3 Chemical sludge from waste water treatment		0.5	MT/A	Landfill	CHWTSDF
4	33.1 Empty barrels/containers/liners contaminated with hazardous chemicals /wastes		200	Nos./Y	Recycle	CHWTSDF
5	5.2 Wastes or residues containing oil		1	MT/A	Incineration	CHWTSDF
6	33.2 Contaminated cotton rags or other cleaning materials		1	MT/A	Incineration	CHWTSDF
7	Glass Wool		5	MT/A	Landfill	CHWTSDF

Signature

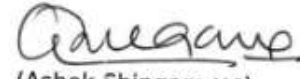


Maharashtra Pollution Control Board

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- 8 The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
- 9 This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- 10 The applicant shall comply with the conditions of the Environmental Clearance granted by MoEFCC, Gol vide letter No. J-13011/10/2009-1A.II(T) dated 04.12.2009.
- 11 Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server .
- 12 Industry shall comply MoEF office memorandum dated 26.08.2015 by protocol for sampling, analysis of coal and reporting of compliance in respect of implementation of the Gazette Notification on use & supply of raw or blended of beneficiated coal with ash content not exceeding 34% on quaterly average basis.
- 13 The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.

For and on behalf of the
Maharashtra Pollution Control Board.


(Ashok Shingare IAS),
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	15618000.00	MPCB-DR-2152	30/09/2020	RTGS

Balance amount of Rs. 7759000 will be considered at the time of next renewal of consent.

Copy to:

1. Regional Officer, MPCB, Chandrapur and Sub-Regional Officer, MPCB, Chandrapur
- They are directed to ensure the compliance of the consent conditions.
They are directed to forfeit the bank guarantee of Rs.12.0 Lakh (Out of Rs.30.0 Lakh) & Rs.3.0 Lakh (Out of Rs.5.0 Lakh) towards exceeding the JVS results of ETP outlet and AAQM results & obtain top up of double amount of BG of Rs. 24.0 Lakh & Rs. 6 Lakh from the industry
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CAC desk - for record & website updation purpose



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] As per your application, you have provided the Effluent Treatment Plant (ETP) with the design capacity of 12800 m³/day.
- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent:

Sr.No	Parameters	Limiting concentration not to exceed in mg/l, except for pH
For Condenser Cooling Water		
(1)	pH	Between 6.5 to 8.5
(2)	Temperature	Not to exceed 5°C than that of intake water temp.
(3)	Free available chlorine	Not to exceed 0.5 mg/l
Boiler Blow Down		
(1)	Suspended Solids	Not to exceed 100 mg/l
(2)	Oil & Grease	Not to exceed 10 mg/l
(3)	Copper (Total)	Not to exceed 1 mg/l
(4)	Iron (Total)	Not to exceed 1 mg/l
Cooling Tower Blow Down		
(1)	Free available chlorine	Not to exceed 0.5 mg/l
(2)	Zinc	Not to exceed 1 mg/l
(3)	Chromium (Total)	Not to exceed 0.2 mg/l
(4)	Phosphate	Not to exceed 5 mg/l
D.M. Plant Effluent		
(1)	pH	5.5 to 9
(2)	Suspended Solids	Not to exceed 100 mg/l
(3)	Oil & Grease	Not to exceed 10 mg/l
(4)	BOD 3 days	Not to exceed 30 mg/l
(5)	COD	Not to exceed 250 mg/l
(6)	TDS	Not to exceed 2100 mg/l

- C] The Industry shall ensure connectivity online monitoring system to the MPCB server including separate energy meter for pollution control system.
- D] The treated effluent shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, effluent shall find its way to outside factory premises.

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Maharashtra Pollution Control Board

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2. A] As per your application, you have provided Sewage Treatment Plant of designed capacity 36 CMD for the treatment of 36 CMD of sewage.

B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards	
1	Suspended Solids	Not to exceed	50 mg/l
2	BOD 3 days 27°C	Not to exceed	30 mg/l
3	COD	Not to exceed	100 mg/l

C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way to outside factory premises.

3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	49440.00
2.	Domestic purpose	60.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	5280.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	50

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.
7. The industry shall reduce specific water consumption 3.5 m³/MWh as per MoEF&CC notification dtd. 7th Dec 2015 and as amended 28th June, 2018.

[Signature]



SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO ₂ (kg/day)
1	Boiler-1	ESP	275	Coal	5520MT/Day	0.45	49680.00
--	--	--	--	LDO	5.57KL/D	1.80	200.00
2	Boiler-2	ESP	275	Coal	5520MT/Day	0.45	49680.00
--	--	--	--	LDO	5.57KL/D	1.80	200.00
3	DG set-1 (1500 KVA)	Acoustic Enclosure	7.8 meter above roof top of the building shed in which it is installed	HSD	1.14 KL/D	1.00	22.00
4	DG set-2 (1500 KVA)	Acoustic Enclosure	7.8 meter above roof top of the building shed in which it is installed	HSD	1.14 KL/D	1.00	22.00

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Units	Parameters	Standards
Unit 1 & 2	TPPs (Units) installed after 1st January, 2003, upto 31st December, 2016*	
	Particulate Matter	50 mg / Nm ³
	Sulphur Dioxide (SO ₂)	600 mg/ Nm ³
	Oxides of Nitrogen (NOx)	450 mg / Nm ³
	Mercury (Hg)	0.03

4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

Signature



Maharashtra Pollution Control Board

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6. The applicant shall operate four continuous automatic ambient air and micrometeorological monitoring station at location indicated by MPC Board to be setup and operate at its own cost for measurement of SO₂, NO_x and particulate matter. These CAAQMS shall also have necessary provisions of networking to the Air Quality Monitoring network of MPCB.
7. Control Equipment.
 - a) Electrostatic Precipitator (ESP) of sufficient capacity provided to Boiler and any other sources of particulate matter shall be Operate and maintain so as to ensure that TPM emission doesnot exceed 50 mg/Nm³.
 - b) Dust collecting system and automatic water sprinkler system provided to Coal Handling Plants shall be operate and maintain continuously.
 - c) Dust collector of sufficient capacity provided to coal crusher and any other source of SPM shall operate and maintain continuously.
 - d) There shall not be any fugitive emission from coal storage yard.
7. Industry shall promote adoption of clean coal (with ash content less than 34%) and clean power generation technologies and comply with notifications issued by MoEF for utilization of fly ash from coal or lignite based thermal power plant dated 14th September, 1999 and as amended on 3rd November, 2009 and amendment dtd 2nd January 2014.
8. The industry shall comply with the recommendations of the task force for implementation of CREP recommendation for Thermal Power Plants.
9. The industry shall comply the standards stipulated by the Ministry of Environment, Forest and Climate Change vide Notification dtd 07.12.2015
10. The industry shall install Flue Gas De-Sulphurisation (FGD) System as per CPCB directions.
11. The industry shall ensure provision of low NO_x burners, Over Fire Air (OFA) and achieve progressive reduction to comply NO_x emission limit.
12. The industry shall upgrade existing air pollution control system to achieve emission std. of TPM-50 mg/Nm³ on or before 31/03/2021.
13. PP shall not use high ash and Sulphur content coal (i.e. not more than 34% & 0.5% respectively).
14. The indsutry shall comply with the MoEF&CC amendment noti?cation no. S.O.1561 (E) dtd. 21.05.2020.
15. The industry shall comply with the Fly Ash Notification, 2016 and as amended thereof to achieve 100% utilization of Fly Ash. PP shall dispose legacy pond ash regularly and submit concrete program in this regard within a month.



Maharashtra Pollution Control Board

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SCHEDULE-III Details of Bank Guarantees:

Sr. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C2R	Rs. 42 Lakh (Remaining BG of Rs.18/- Lakh + top up BG of Rs.24/- Lakh)	15 days	Towards Operation and Maintenance of Air Pollution Control Devices to achieve emission standards.	Continuous	30.04.2023
2	C2R	Rs. 5 Lakh	Submitted	To switch over to 100 % usable dry fly ash collection and storage	3 months	30.04.2023
3	C2R	Rs. 1 Lakh	Submitted	Towards utilization of fly ash as per fly ash notification 1999.	Continuous	30.04.2023
4	C2R	Rs. 1 Lakh	Submitted	Towards Mitigation of seepages from wet fly ash conveying system	3 months	30.04.2023
5	C2R	Rs. 1 Lakh	Submitted	Towards Scientific operation of ash pond i.e. uniform distribution of wet slurry in the pond so as to have minimum depth of water	Continuous	30.04.2023
6	C2R	Rs. 1 Lakh	Submitted	Towards providing arrangement for reuse of 100% seepage water, arising from ash pond, for ash slurry	3 months	30.04.2023
7	C2R	Rs. 5 Lakh	15 days	Towards Scientific closure of abandoned ash pond with soil cover and plantation over it	6 months	30.04.2023
8	C2R	Rs. 5 Lakh	15 days	Towards compliance of utilisation of low ash content and low sulphur content coal i.e up to 34% & 0.5% respectively	Continuous	30.04.2023
9	C2R	Rs. 25 Lakh	15 days	To install Flue Gas Desulphurisation (FGD) System as per CPCB direction	31.03.2022	30.04.2023

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Sr. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
10	C2R	Rs. 8 Lakh (Remaining BG of Rs.2.0 Lakh + top up BG of Rs. 6.0 Lakh)	15 days	Towards Operation & maintenance of the Effluent Treatment Plant to achieve disposal standards	Continuous	30.04.2023

The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days from the date of issue of Consent.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG Imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
1	C2R	Rs.30/- Lakh	within 15 days	Towards O & M air pollution control devices to achieve emission standards	Rs.12/- Lakh (BG to be forfeited)	Towards Exceedance of AAQM and SO2 Stack emission
2	C2R	Rs.5/-Lakh	within 15 days	Towards O & M of ETP to achieve disposal standards	Rs.3/- Lakh (BG to be forfeited)	Towards exceedance of JVS results of ETP outlet

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
				NA

Signature



SCHEDULE-IV
General Conditions:

1. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
2. The applicant shall maintain good housekeeping.
3. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
4. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
5. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
6. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
7. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
8. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
9. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
10. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

(Signature)



Maharashtra Pollution Control Board

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11. The PP shall provide personal protection equipment as per norms of Factory Act
12. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
13. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
14. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
15. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
16. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
17. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
18. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
19. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
20. The industry should not cause any nuisance in surrounding area.
21. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
22. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
23. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
24. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.



Maharashtra Pollution Control Board

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25. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
26. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
27. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
28. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
29. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
30. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
31. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.



Signature