

**Detergeo Chem (EAST) Private Limited**  
**[CIN: U24299DL2019PTC353798]**  
**Regd. Office: A-29, Block B1 Ext., Mohan Co-operative Industrial Estate,**  
**New Delhi-110 044, India**  
**[T]: +91-11-40664444; [E]: info@newindiachem.com**

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To,

Date: 08.03.2024

The Member Secretary,

Expert Appraisal Committee (Industry-3)

Ministry of Environment, Forest and Climate Change (MoEF& CC)

Indira Paryavaran Bhawan, New Delhi

**Subject: Reply of Essential Details Sought for grant of Environmental Clearance for the establishment of new natural and synthetic chemical manufacturing unit at Mouza Kulepairi, Village Bangan, Dist-Howrah, west Bengal by M/s Detergeo Chem (EAST) Private Limited (DCEPL).**

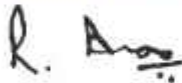
Dear Sir,

With reference to the EDS generated on Parivesh web portal dated 21.02.2024, we are hereby submitting the latest baseline data for 3 months and also the reply of the EDS raised earlier dated 21.02.2022 for the establishment of new natural and synthetic chemical manufacturing unit at Mouza Kulepairi, Village Bangan, Dist-Howrah, west Bengal by M/s Detergeo Chem (EAST) Private Limited (DCEPL).

We hope you would find the same in order for your kind perusal necessary action.

Authorized Signatory

For Detergeo Chem (East) Pvt. Ltd.



On behalf of

Director

M/s Detergeo Chem (EAST) Private Limited (DCEPL)

**ENVIRONMENTAL MONITORING REPORT**  
**OF**  
**DETERGEO CHEM (EAST) PRIVATE LIMITED PROJECT**  
**AT**  
**P. S. BAGNAN, District: HOWRAH, WEST BENGAL**

**M/DCPL/MR/2023/01**

**December, 2023**



**Prepared By**

**MANTEC CONSULTANTS PVT. LTD.**

*(QCI Accredited EIA Consultant at S.No.167 as per List of Accredited consultant Organizations/Rev.25/Sep 05, 2022)*

*(NABET Accredited EIA Consultant, MoEF&CC and NABL approved Laboratory)*

**Environment Division, D-36, Sector-6, Noida-201 301, U. P.,**

**Ph. 0120-4215000, 0120-4215807 Fax. 0120-4215809,**

**e-mail: [environment@mantecconsultants.com](mailto:environment@mantecconsultants.com)**

**<http://www.mantecconsultants.com>**

## TABLE OF CONTENTS

Sl. No	Contents	Page No.
<b>December-2023</b>		
<b>Company Profile</b>		<b>01-04</b>
<b>Ambient Air Quality Report</b>		
<b>First Week</b>		<b>05-20</b>
1.	Project Site	05-06
2.	Khalna	07-08
3.	Malia West	09-10
4.	Mankur	11-12
5.	Kalyanpur	13-14
6.	Bagnan	15-16
7.	Udang	17-18
8.	Bangalpur	19-20
<b>Second Week</b>		<b>21-36</b>
1.	Project Site	21-22
2.	Khalna	23-24
3.	Malia West	25-26
4.	Mankur	27-28
5.	Kalyanpur	29-30
6.	Bagnan	31-32
7.	Udang	33-34
8.	Bangalpur	35-36
<b>Third Week</b>		<b>37-52</b>
1.	Project Site	37-38
2.	Khalna	39-40
3.	Malia West	41-42
4.	Mankur	43-44
5.	Kalyanpur	45-46
6.	Bagnan	47-48
7.	Udang	49-50
8.	Bangalpur	51-52
<b>Fourth Week</b>		<b>53-68</b>
1.	Project Site	53-54
2.	Khalna	55-56
3.	Malia West	57-58
4.	Mankur	59-60
5.	Kalyanpur	61-62
6.	Bagnan	63-64
7.	Udang	65-66
8.	Bangalpur	67-68



## COMPANY PROFILE

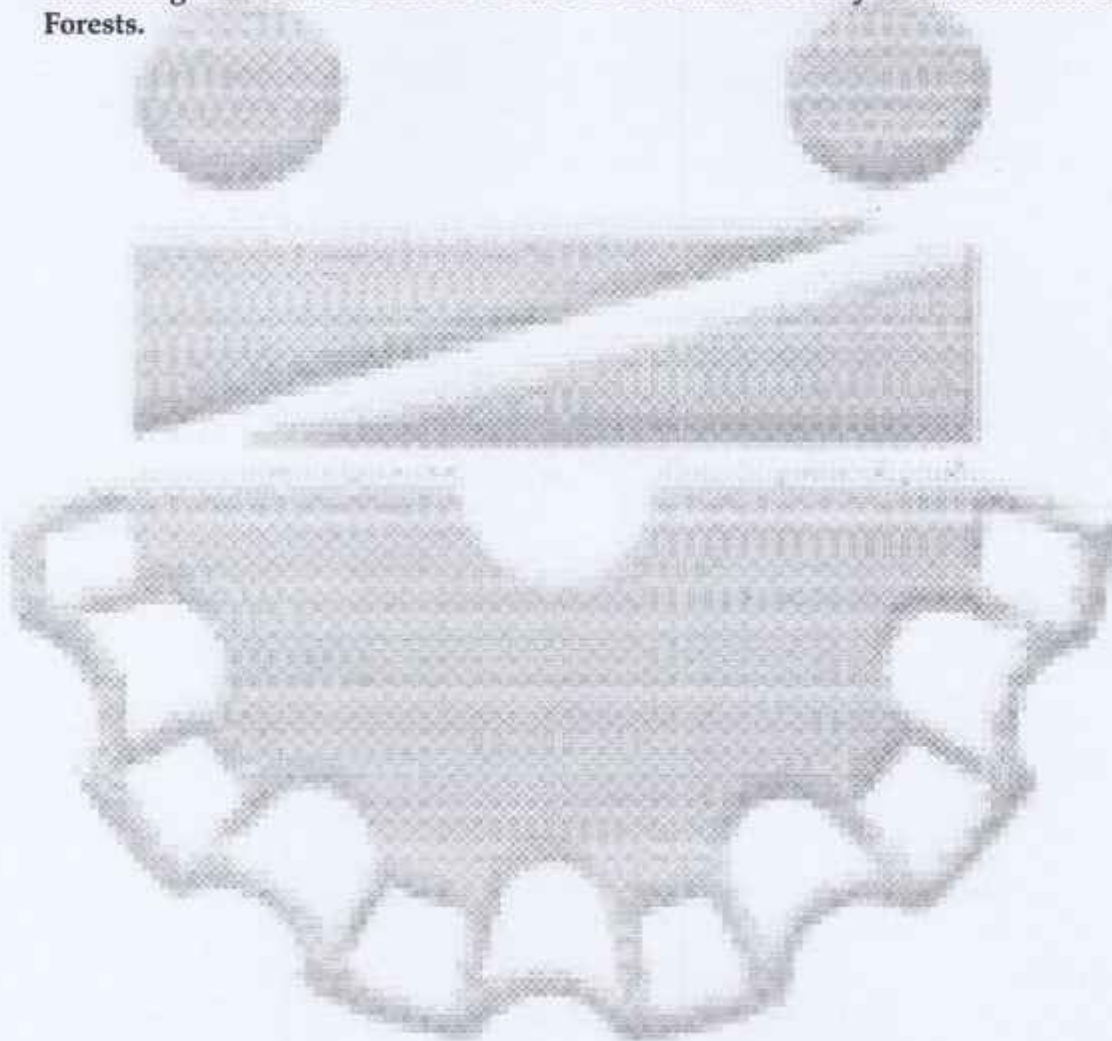
**MANTEC CONSULTANTS PVT. LTD.** Provides a Complete range of Environmental and Social Impact Assessment Services with an expert in-house team of Professionals and Associates. Mantec is having a full-fledged Environmental Laboratory duly Recognized by the Ministry of Environment, Forest and Climate Change (MoEF&CC) & Accrediated NABL. Mantec also has Received ISO 9001: 2015 Certification as per Certificate no. EI 2206026 dated 18.07.2022 from Innovative SystemCert Pvt. Ltd.

The list of services includes the following:

1. Environmental Impact Assessment Studies and Environment Management Plans for all types of Infrastructure, Mining, Irrigation, River Valley Projects and Industrial Projects such as Power Plants, Refineries, Ports, Airports, Highways, Residential Colonies, Hazardous Waste Sites, Forestry and Rural Development Projects etc.
2. Social Impact Assessment Studies for all types of Infrastructure, Mining, River Valley Projects and Industrial Projects such as Power Plants, Refineries, Ports, Airports, Highways, Residential Colonies, Hazardous Waste Sites, Forestry and Rural Development Projects etc.
3. Rehabilitation and Resettlement Studies, Resettlement Action Plans for all types of Infrastructure, Mining, River Valley Projects and Industrial Projects such as Power Plants, Refineries, Port, Airport, Highway, Residential Colonies, Hazardous Waste Sites etc.
4. Environmental & Social Issues and screening of Infrastructural Projects
5. Safety Audits & Environmental Audits with Energy Conservation Aspects.
6. Environmental monitoring of Air, Water, Noise, Soil, Solid and Hazardous Wastes for all the parameters for industrial emissions, industrial effluents, ambient air etc.
7. Technology Evaluation and Norms Study in Waste Recycling Industry - Distillery and Electroplating.
8. Risk Analysis and Disaster Management Plans.
9. Waste Water Management Both domestic (sewage) and industrial.
10. Ground & Surface Water Treatment and Supply for Rural and Urban Sectors.
11. Design and implementation of Wastewater Treatment Plants including Common Effluent Treatment Plants.
12. Operation and Maintenance of Effluent Treatment Plants.
13. Studies on River, Lake and Forest ecosystems.
14. Watershed and Waste land management.
15. Studies on Noise Pollution and its Control.



16. **Studies on Air Pollution and its Control.**
17. **Solid Waste including Hazardous and Biomedical Waste Management.**
18. **Oil Spill Response.**
19. **Rehabilitation of Mines.**
20. **Environment Management Systems, Design and Implementation.**
21. **ISO-14001 Certification.**
22. **Liasioning with State Pollution Control Boards and Ministry of Environment and Forests.**



1.1.1 Table: Ambient Air Quality Monitoring Locations

Sl. No.	Project	Monitoring Locations
1.	<i>Environmental Monitoring of Detergeo Chem (East) Private Limited</i>	Project Site
2.		Khalna
3.		Malia West
4.		Mankur
5.		Kalyanpur
6.		Bagnan
7.		Udang
8.		Bangalpur




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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A231211 23
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 01.12.2023, 09:55 AM
End Date & Time of Sampling	: 02.12.2023, 09:55 AM
Date of Receipt	: 11.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 11.12.2023
End Date of Analysis	: 16.12.2023
Date of Reporting	: 16.12.2023
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	72	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	42	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.78	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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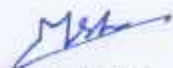


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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A231211 24
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 04.12.2023, 10:05 AM
End Date & Time of Sampling	: 05.12.2023, 10:05 AM
Date of Receipt	: 11.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 11.12.2023
End Date of Analysis	: 16.12.2023
Date of Reporting	: 16.12.2023
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	66	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	27	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.74	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231211 25
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 01.12.2023, 09:55 AM
End Date & Time of Sampling	: 02.12.2023, 09:55 AM
Date of Receipt	: 11.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 11.12.2023
End Date of Analysis	: 16.12.2023
Date of Reporting	: 16.12.2023
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	72	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	40	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

*Mst*  
 Manoranjan  
 Analyzed by:



*Mallick*  
 Gaja Nand Mallick  
 Quality Manager:

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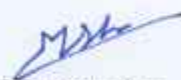


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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A231211 26
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 04.12.2023, 10:10 AM
End Date & Time of Sampling	: 05.12.2023, 10:10 AM
Date of Receipt	: 11.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 11.12.2023
End Date of Analysis	: 16.12.2023
Date of Reporting	: 16.12.2023
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	66	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	18	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.65	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231211 27
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 01.12.2023, 09:55 AM
End Date & Time of Sampling	: 02.12.2023, 09:55 AM
Date of Receipt	: 11.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 11.12.2023
End Date of Analysis	: 16.12.2023
Date of Reporting	: 16.12.2023
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	74	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	42	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.61	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231211 28
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 04.12.2023, 11:05 AM
End Date & Time of Sampling	: 05.12.2023, 11:05 AM
Date of Receipt	: 11.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 11.12.2023
End Date of Analysis	: 16.12.2023
Date of Reporting	: 16.12.2023
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	21	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.75	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclub@gmail.com

Sample Identification	: A231211 29
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 02.12.2023, 10:05 AM
Start Date & Time of Sampling	: 03.12.2023, 10:05 AM
Date of Receipt	: 11.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 11.12.2023
End Date of Analysis	: 16.12.2023
Date of Reporting	: 16.12.2023
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

## TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	69	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	39	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.77	02	IS 5182(Part-10):2019 NDIR spectroscopy

*Msh*  
 Manoranjan  
 Analyzed by:



*Mulick*  
 Gaja Nand Mallick  
 Quality Manager:

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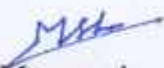


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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A231211 30
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 05.12.2023, 10:05 AM
End Date & Time of Sampling	: 06.12.2023, 10:05 AM
Date of Receipt	: 11.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 11.12.2023
End Date of Analysis	: 16.12.2023
Date of Reporting	: 16.12.2023
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	78	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	44	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	15	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	30	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.65	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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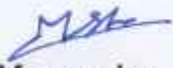


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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A231211 31
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 02.12.2023, 10:10 AM
End Date & Time of Sampling	: 03.12.2023, 10:10 AM
Date of Receipt	: 11.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 11.12.2023
End Date of Analysis	: 16.12.2023
Date of Reporting	: 16.12.2023
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	72	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	38	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	25	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.91	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A231211 32
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 05.12.2023, 09:55 AM
End Date & Time of Sampling	: 06.12.2023, 09:55 AM
Date of Receipt	: 11.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 11.12.2023
End Date of Analysis	: 16.12.2023
Date of Reporting	: 16.12.2023
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	76	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	40	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	27	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.75	02	IS 5182(Part-10):2019 NDIR spectroscopy

*Mst*  
 Manoranjan  
 Analyzed by:



*Messick*  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231211 33
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 02.12.2023, 09:55 AM
End Date & Time of Sampling	: 03.12.2023, 09:55 AM
Date of Receipt	: 11.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 11.12.2023
End Date of Analysis	: 16.12.2023
Date of Reporting	: 16.12.2023
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	70	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	40	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	22	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231211 34
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 05.12.2023, 09:55 AM
End Date & Time of Sampling	: 06.12.2023, 09:55 AM
Date of Receipt	: 11.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 11.12.2023
End Date of Analysis	: 16.12.2023
Date of Reporting	: 16.12.2023
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	66	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	20	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.66	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231211 35
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 03.12.2023, 09:55 AM
End Date & Time of Sampling	: 04.12.2023, 09:55 AM
Date of Receipt	: 11.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 11.12.2023
End Date of Analysis	: 16.12.2023
Date of Reporting	: 16.12.2023
Sampling Location	: Udang
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	64	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.93	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231211 36
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 06.12.2023, 11:05 AM
End Date & Time of Sampling	: 07.12.2023, 11:05 AM
Date of Receipt	: 11.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 11.12.2023
End Date of Analysis	: 16.12.2023
Date of Reporting	: 16.12.2023
Sampling Location	: Udang
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	58	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	28	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	21	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.79	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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 Quality Manager:

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Sample Identification	: A231211 37
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 03.12.2023, 01:00 PM
Start Date & Time of Sampling	: 04.12.2023, 01:00 PM
Date of Receipt	: 11.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 11.12.2023
End Date of Analysis	: 16.12.2023
Date of Reporting	: 16.12.2023
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	62	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	32	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.84	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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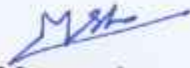


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Sample Identification	: A231211 38
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 06.12.2023, 01:05 PM
End Date & Time of Sampling	: 07.12.2023, 01:05 PM
Date of Receipt	: 11.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 11.12.2023
End Date of Analysis	: 16.12.2023
Date of Reporting	: 16.12.2023
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

## TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	27	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.59	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231218 01
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 08.12.2023, 09:55 AM
End Date & Time of Sampling	: 09.12.2023, 09:55 AM
Date of Receipt	: 18.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 18.12.2023
End Date of Analysis	: 23.12.2023
Date of Reporting	: 23.12.2023
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	74	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	44	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	25	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.84	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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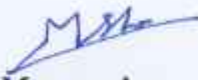


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Sample Identification	: A231218 02
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 11.12.2023, 09:55 AM
End Date & Time of Sampling	: 12.12.2023, 09:55 AM
Date of Receipt	: 18.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 18.12.2023
End Date of Analysis	: 23.12.2023
Date of Reporting	: 23.12.2023
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	78	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	42	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	21	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.71	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231218 03
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 08.12.2023, 09:55 AM
End Date & Time of Sampling	: 09.12.2023, 09:55 AM
Date of Receipt	: 18.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 18.12.2023
End Date of Analysis	: 23.12.2023
Date of Reporting	: 23.12.2023
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	69	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	37	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	21	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

*MSK*  
 Manoranjan  
 Analyzed by:



*Mallick*  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231218 04
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 11.12.2023, 09:55 AM
End Date & Time of Sampling	: 12.12.2023, 09:55 AM
Date of Receipt	: 18.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 18.12.2023
End Date of Analysis	: 23.12.2023
Date of Reporting	: 23.12.2023
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01


## TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	67	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	9	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	17	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



Seal of Lab:

  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231218 05
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 08.12.2023, 09:55 AM
End Date & Time of Sampling	: 09.12.2023, 09:55 AM
Date of Receipt	: 18.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 18.12.2023
End Date of Analysis	: 23.12.2023
Date of Reporting	: 23.12.2023
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

## TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	62	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	24	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.65	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

## Notes:

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\*\*\*\*End of Report\*\*\*\*



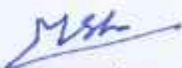


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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclub@gmail.com


Sample Identification	: A231218 06
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 11.12.2023, 11:05 AM
End Date & Time of Sampling	: 12.12.2023, 11:05 AM
Date of Receipt	: 18.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 18.12.2023
End Date of Analysis	: 23.12.2023
Date of Reporting	: 23.12.2023
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	72	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	40	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	25	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.66	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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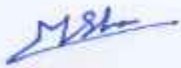


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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A231218 07
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 09.12.2023, 01:00 PM
Start Date & Time of Sampling	: 10.12.2023, 01:00 PM
Date of Receipt	: 18.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 18.12.2023
End Date of Analysis	: 23.12.2023
Date of Reporting	: 23.12.2023
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	78	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	42	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	28	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.65	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

**Notes:**

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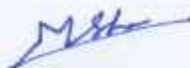


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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A231218 08
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 12.12.2023, 01:05 PM
End Date & Time of Sampling	: 13.12.2023, 01:05 PM
Date of Receipt	: 18.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 18.12.2023
End Date of Analysis	: 23.12.2023
Date of Reporting	: 23.12.2023
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	38	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	25	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.67	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A231218 09
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 09.12.2023, 09:55 AM
End Date & Time of Sampling	: 10.12.2023, 09:55 AM
Date of Receipt	: 18.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 18.12.2023
End Date of Analysis	: 23.12.2023
Date of Reporting	: 23.12.2023
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	58	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	32	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	21	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.87	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
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 Quality Manager:

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Sample Identification	: A231218 10
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 12.12.2023, 09:55 AM
End Date & Time of Sampling	: 13.12.2023, 09:55 AM
Date of Receipt	: 18.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 18.12.2023
End Date of Analysis	: 23.12.2023
Date of Reporting	: 23.12.2023
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	24	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
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 Quality Manager:

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Sample Identification	: A231218 11
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 09.12.2023, 09:55 AM
End Date & Time of Sampling	: 10.12.2023, 09:55 AM
Date of Receipt	: 18.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 18.12.2023
End Date of Analysis	: 23.12.2023
Date of Reporting	: 23.12.2023
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	60	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	33	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	16	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.86	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231218 12
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 12.12.2023, 09:55 AM
End Date & Time of Sampling	: 13.12.2023, 09:55 AM
Date of Receipt	: 18.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 18.12.2023
End Date of Analysis	: 23.12.2023
Date of Reporting	: 23.12.2023
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	66	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	35	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.69	02	IS 5182(Part-10):2019 NDIR spectroscopy

*Mst*  
 Manoranjan  
 Analyzed by:



*Mst*  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	:	A231218 13
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	:	10.12.2023, 09:55 AM
End Date & Time of Sampling	:	11.12.2023, 09:55 AM
Date of Receipt	:	18.12.2023
Sample Description	:	Ambient Air
Sample Condition	:	OK
Start Date of Analysis	:	18.12.2023
End Date of Analysis	:	23.12.2023
Date of Reporting	:	23.12.2023
Sampling Location	:	Udang
Sample Submitted by	:	Mr. Ankit Kumar
Environmental Condition at Lab	:	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	:	MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	60	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	35	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	22	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.63	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	:	A231218 14
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	:	13.12.2023, 11:05 AM
End Date & Time of Sampling	:	14.12.2023, 11:05 AM
Date of Receipt	:	18.12.2023
Sample Description	:	Ambient Air
Sample Condition	:	OK
Start Date of Analysis	:	18.12.2023
End Date of Analysis	:	23.12.2023
Date of Reporting	:	23.12.2023
Sampling Location	:	Udang
Sample Submitted by	:	Mr. Ankit Kumar
Environmental Condition at Lab	:	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	:	MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	72	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	40	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	27	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.86	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231218 15
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 10.12.2023, 01:00 PM
Start Date & Time of Sampling	: 11.12.2023, 01:00 PM
Date of Receipt	: 18.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 18.12.2023
End Date of Analysis	: 23.12.2023
Date of Reporting	: 23.12.2023
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	58	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	28	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	20	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.75	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231218 16
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 13.12.2023, 01:05 PM
End Date & Time of Sampling	: 14.12.2023, 01:05 PM
Date of Receipt	: 18.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 18.12.2023
End Date of Analysis	: 23.12.2023
Date of Reporting	: 23.12.2023
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	54	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	26	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	25	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.77	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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 Analyzed by:



  
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 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A231225 01
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 15.12.2023, 09:55 AM
End Date & Time of Sampling	: 16.12.2023, 09:55 AM
Date of Receipt	: 25.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 25.12.2023
End Date of Analysis	: 30.12.2023
Date of Reporting	: 30.12.2023
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	60	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	28	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.84	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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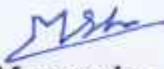


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Sample Identification	: A231225 02.
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 18.12.2023, 10:05 AM
End Date & Time of Sampling	: 19.12.2023, 10:05 AM
Date of Receipt	: 25.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 25.12.2023
End Date of Analysis	: 30.12.2023
Date of Reporting	: 30.12.2023
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	40	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	22	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.67	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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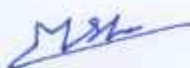


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Sample Identification	: A231225 03
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 15.12.2023, 09:55 AM
End Date & Time of Sampling	: 16.12.2023, 09:55 AM
Date of Receipt	: 25.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 25.12.2023
End Date of Analysis	: 30.12.2023
Date of Reporting	: 30.12.2023
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	62	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	24	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.69	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231225 04
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 18.12.2023, 10:10 AM
End Date & Time of Sampling	: 19.12.2023, 10:10 AM
Date of Receipt	: 25.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 25.12.2023
End Date of Analysis	: 30.12.2023
Date of Reporting	: 30.12.2023
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	64	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	38	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	19	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.58	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231225 05
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 15.12.2023, 09:55 AM
End Date & Time of Sampling	: 16.12.2023, 09:55 AM
Date of Receipt	: 25.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 25.12.2023
End Date of Analysis	: 30.12.2023
Date of Reporting	: 30.12.2023
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	60	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	32	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	9	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	18	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231225 06
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 18.12.2023, 11:05 AM
End Date & Time of Sampling	: 19.12.2023, 11:05 AM
Date of Receipt	: 25.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 25.12.2023
End Date of Analysis	: 30.12.2023
Date of Reporting	: 30.12.2023
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	66	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	35	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	24	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.62	02	IS 5182(Part-10):2019 NDIR spectroscopy

*M. S. K.*  
 Manoranjan  
 Analyzed by:



*G. N. M.*  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231225 07
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 16.12.2023, 10:05 AM
Start Date & Time of Sampling	: 17.12.2023, 10:05 AM
Date of Receipt	: 25.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 25.12.2023
End Date of Analysis	: 30.12.2023
Date of Reporting	: 30.12.2023
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	78	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	42	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	15	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	28	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.74	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231225 08
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 19.12.2023, 10:05 AM
End Date & Time of Sampling	: 20.12.2023, 10:05 AM
Date of Receipt	: 25.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 25.12.2023
End Date of Analysis	: 30.12.2023
Date of Reporting	: 30.12.2023
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	69	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	38	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	24	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A231225 09
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 16.12.2023, 10:10 AM
End Date & Time of Sampling	: 17.12.2023, 10:10 AM
Date of Receipt	: 25.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 25.12.2023
End Date of Analysis	: 30.12.2023
Date of Reporting	: 30.12.2023
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEI/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	64	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	33	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	22	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.81	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231225 10
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 19.12.2023, 09:55 AM
End Date & Time of Sampling	: 20.12.2023, 09:55 AM
Date of Receipt	: 25.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 25.12.2023
End Date of Analysis	: 30.12.2023
Date of Reporting	: 30.12.2023
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	66	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	35	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	25	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.79	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231225 11
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 16.12.2023, 09:55 AM
End Date & Time of Sampling	: 17.12.2023, 09:55 AM
Date of Receipt	: 25.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 25.12.2023
End Date of Analysis	: 30.12.2023
Date of Reporting	: 30.12.2023
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	62	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	32	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	16	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.93	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231225 12
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 19.12.2023, 09:55 AM
End Date & Time of Sampling	: 20.12.2023, 09:55 AM
Date of Receipt	: 25.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 25.12.2023
End Date of Analysis	: 30.12.2023
Date of Reporting	: 30.12.2023
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	64	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	33	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	17	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.80	02	IS 5182(Part-10):2019 NDIR spectroscopy

*Mstc*  
 Manoranjan  
 Analyzed by:



*Mstc*  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A231225 13
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 17.12.2023, 09:55 AM
End Date & Time of Sampling	: 18.12.2023, 09:55 AM
Date of Receipt	: 25.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 25.12.2023
End Date of Analysis	: 30.12.2023
Date of Reporting	: 30.12.2023
Sampling Location	: Udang
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	38	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	25	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.91	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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Sample Identification	: A231225 14
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 20.12.2023, 11:05 AM
End Date & Time of Sampling	: 21.12.2023, 11:05 AM
Date of Receipt	: 25.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 25.12.2023
End Date of Analysis	: 30.12.2023
Date of Reporting	: 30.12.2023
Sampling Location	: Udang
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	58	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	30	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	20	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.94	02	IS 5182(Part-10):2019 NDIR spectroscopy

*Msh*  
 Manoranjan  
 Analyzed by:



*Gaja Nand Mallick*  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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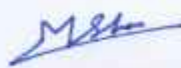


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Sample Identification	: A231225 15
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 17.12.2023, 01:00 PM
Start Date & Time of Sampling	: 18.12.2023, 01:00 PM
Date of Receipt	: 25.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 25.12.2023
End Date of Analysis	: 30.12.2023
Date of Reporting	: 30.12.2023
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	72	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	15	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	30	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A231225 16
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 20.12.2023, 01:05 PM
End Date & Time of Sampling	: 21.12.2023, 01:05 PM
Date of Receipt	: 25.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 25.12.2023
End Date of Analysis	: 30.12.2023
Date of Reporting	: 30.12.2023
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEI/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	64	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	21	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.81	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231230 01
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 22.12.2023, 09:55 AM
End Date & Time of Sampling	: 23.12.2023, 09:55 AM
Date of Receipt	: 30.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.12.2023
End Date of Analysis	: 05.01.2024
Date of Reporting	: 05.01.2024
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	70	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	42	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	18	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231230 02
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 25.12.2023, 09:55 AM
End Date & Time of Sampling	: 26.12.2023, 09:55 AM
Date of Receipt	: 30.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.12.2023
End Date of Analysis	: 05.01.2024
Date of Reporting	: 05.01.2024
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	76	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	45	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	24	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.69	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231230 03
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 22.12.2023, 09:55 AM
End Date & Time of Sampling	: 23.12.2023, 09:55 AM
Date of Receipt	: 30.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.12.2023
End Date of Analysis	: 05.01.2024
Date of Reporting	: 05.01.2024
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	72	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	39	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.62	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231230 04
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 25.12.2023, 09:55 AM
End Date & Time of Sampling	: 26.12.2023, 09:55 AM
Date of Receipt	: 30.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.12.2023
End Date of Analysis	: 05.01.2024
Date of Reporting	: 05.01.2024
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	70	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	35	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	25	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.84	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231230 05
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 22.12.2023, 09:55 AM
End Date & Time of Sampling	: 23.12.2023, 09:55 AM
Date of Receipt	: 30.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.12.2023
End Date of Analysis	: 05.01.2024
Date of Reporting	: 05.01.2024
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	76	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	38	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	26	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.67	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231230 06
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 25.12.2023, 11:05 AM
End Date & Time of Sampling	: 26.12.2023, 11:05 AM
Date of Receipt	: 30.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.12.2023
End Date of Analysis	: 05.01.2024
Date of Reporting	: 05.01.2024
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	66	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	33	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	22	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.74	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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Test Report No.: A231230C -07.




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Sample Identification	: A231230 07
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 23.12.2023, 01:00 PM
Start Date & Time of Sampling	: 24.12.2023, 01:00 PM
Date of Receipt	: 30.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.12.2023
End Date of Analysis	: 05.01.2024
Date of Reporting	: 05.01.2024
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. $25 \pm 2$ °C Humidity $50 \pm 10$ %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

**TEST RESULTS**

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	78	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	45	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	15	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	30	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.78	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
Manoranjan  
Analyzed by:



  
Gaja Nand Mallick  
Quality Manager:

**Notes:**

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Sample Identification	: A231230 08
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 26.12.2023, 01:05 PM
End Date & Time of Sampling	: 27.12.2023, 01:05 PM
Date of Receipt	: 30.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.12.2023
End Date of Analysis	: 05.01.2024
Date of Reporting	: 05.01.2024
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	26	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.62	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A231230 09
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 23.12.2023, 09:55 AM
End Date & Time of Sampling	: 24.12.2023, 09:55 AM
Date of Receipt	: 30.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.12.2023
End Date of Analysis	: 05.01.2024
Date of Reporting	: 05.01.2024
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	62	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	31	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	24	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.65	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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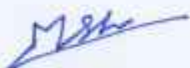


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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A231230 10
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 26.12.2023, 09:55 AM
End Date & Time of Sampling	: 27.12.2023, 09:55 AM
Date of Receipt	: 30.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.12.2023
End Date of Analysis	: 05.01.2024
Date of Reporting	: 05.01.2024
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	70	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	39	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	15	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	30	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.86	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231230 11
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 23.12.2023, 09:55 AM
End Date & Time of Sampling	: 24.12.2023, 09:55 AM
Date of Receipt	: 30.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.12.2023
End Date of Analysis	: 05.01.2024
Date of Reporting	: 05.01.2024
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	26	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.67	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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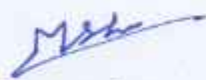


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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A231230 12
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 26.12.2023, 09:55 AM
End Date & Time of Sampling	: 27.12.2023, 09:55 AM
Date of Receipt	: 30.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.12.2023
End Date of Analysis	: 05.01.2024
Date of Reporting	: 05.01.2024
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	72	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	42	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	16	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	26	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.64	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	:	A231230 13
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	:	24.12.2023, 09:55 AM
End Date & Time of Sampling	:	25.12.2023, 09:55 AM
Date of Receipt	:	30.12.2023
Sample Description	:	Ambient Air
Sample Condition	:	OK
Start Date of Analysis	:	30.12.2023
End Date of Analysis	:	05.01.2024
Date of Reporting	:	05.01.2024
Sampling Location	:	Udang
Sample Submitted by	:	Mr. Ankit Kumar
Environmental Condition at Lab	:	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	:	MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	74	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	42	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	16	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	30	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.80	02	IS 5182(Part-10):2019 NDIR spectroscopy

*Mst*  
 Manoranjan  
 Analyzed by:



*Mst*  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A231230 14
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 27.12.2023, 11:05 AM
End Date & Time of Sampling	: 28.12.2023, 11:05 AM
Date of Receipt	: 30.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.12.2023
End Date of Analysis	: 05.01.2024
Date of Reporting	: 05.01.2024
Sampling Location	: Udang
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	56	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	28	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	21	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.67	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A231230 15
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 24.12.2023, 01:00 PM
Start Date & Time of Sampling	: 25.12.2023, 01:00 PM
Date of Receipt	: 30.12.2023
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.12.2023
End Date of Analysis	: 05.01.2024
Date of Reporting	: 05.01.2024
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	66	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.64	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
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 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	:	A231230 16
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	:	27.12.2023, 01:05 PM
End Date & Time of Sampling	:	28.12.2023, 01:05 PM
Date of Receipt	:	30.12.2023
Sample Description	:	Ambient Air
Sample Condition	:	OK
Start Date of Analysis	:	30.12.2023
End Date of Analysis	:	05.01.2024
Date of Reporting	:	05.01.2024
Sampling Location	:	Bangalpur
Sample Submitted by	:	Mr. Ankit Kumar
Environmental Condition at Lab	:	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	:	MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	38	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	22	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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**ENVIRONMENTAL MONITORING REPORT**  
**OF**  
**DETERGEO CHEM (EAST) PRIVATE LIMITED PROJECT**  
**AT**  
**P. S. BAGNAN, District: HOWRAH, WEST BENGAL**

M/DCPL/MR/2023-24/02

January, 2024



**Prepared By**

**MANTEC CONSULTANTS PVT. LTD.**

*(QCI Accredited EIA Consultant at S.No.167 as per List of Accredited consultant Organizations/Rev.25/Sep 05, 2022)*

*(NABET Accredited EIA Consultant, MoEF&CC and NABL approved Laboratory)*

**Environment Division, D-36, Sector-6, Noida-201 301, U. P.,**

**Ph. 0120-4215000, 0120-4215807 Fax. 0120-4215809,**

**e-mail: [environment@manteccconsultants.com](mailto:environment@manteccconsultants.com)**

**<http://www.manteccconsultants.com>**



## TABLE OF CONTENTS

Sl. No	Contents	Page No.
<b>January-2024</b>		
<b>Company Profile</b>		<b>01-04</b>
<b>Ambient Air Quality Report</b>		
<b>First Week</b>		<b>05-20</b>
1.	Project Site	05-06
2.	Khalna	07-08
3.	Malia West	09-10
4.	Mankur	11-12
5.	Kalyanpur	13-14
6.	Bagnan	15-16
7.	Udang	17-18
8.	Bangalpur	19-20
<b>Second Week</b>		<b>21-36</b>
1.	Project Site	21-22
2.	Khalna	23-24
3.	Malia West	25-26
4.	Mankur	27-28
5.	Kalyanpur	29-30
6.	Bagnan	31-32
7.	Udang	33-34
8.	Bangalpur	35-36
<b>Third Week</b>		<b>37-52</b>
1.	Project Site	37-38
2.	Khalna	39-40
3.	Malia West	41-42
4.	Mankur	43-44
5.	Kalyanpur	45-46
6.	Bagnan	47-48
7.	Udang	49-50
8.	Bangalpur	51-52
<b>Fourth Week</b>		<b>53-68</b>
1.	Project Site	53-54
2.	Khalna	55-56
3.	Malia West	57-58
4.	Mankur	59-60
5.	Kalyanpur	61-62
6.	Bagnan	63-64
7.	Udang	65-66
8.	Bangalpur	67-68

## COMPANY PROFILE

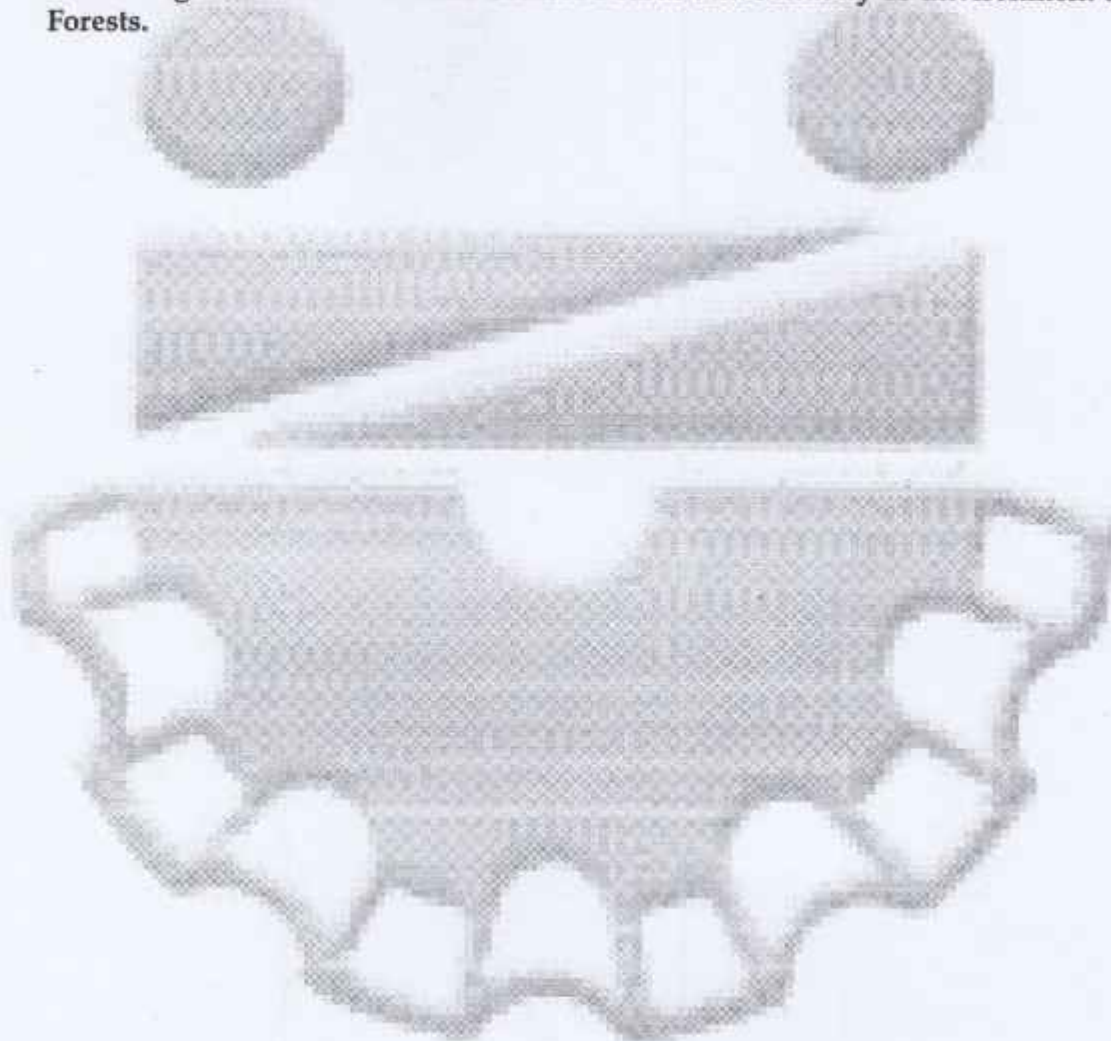
**MANTEC CONSULTANTS PVT. LTD.** Provides a Complete range of Environmental and Social Impact Assessment Services with an expert in-house team of Professionals and Associates. Mantec is having a full-fledged Environmental Laboratory duly Recognized by the Ministry of Environment, Forest and Climate Change (MoEF&CC) & Accrediated NABL. Mantec also has Received ISO 9001: 2015 Certification as per Certificate no. EI 2206026 dated 18.07.2022 from Innovative SystemCert Pvt. Ltd.

The list of services includes the following:

1. **Environmental Impact Assessment Studies and Environment Management Plans for all types of Infrastructure, Mining, Irrigation, River Valley Projects and Industrial Projects such as Power Plants, Refineries, Ports, Airports, Highways, Residential Colonies, Hazardous Waste Sites, Forestry and Rural Development Projects etc.**
2. **Social Impact Assessment Studies for all types of Infrastructure, Mining, River Valley Projects and Industrial Projects such as Power Plants, Refineries, Ports, Airports, Highways, Residential Colonies, Hazardous Waste Sites, Forestry and Rural Development Projects etc.**
3. **Rehabilitation and Resettlement Studies, Resettlement Action Plans for all types of Infrastructure, Mining, River Valley Projects and Industrial Projects such as Power Plants, Refineries, Port, Airport, Highway, Residential Colonies, Hazardous Waste Sites etc.**
4. **Environmental & Social Issues and screening of Infrastructural Projects**
5. **Safety Audits & Environmental Audits with Energy Conservation Aspects.**
6. **Environmental monitoring of Air, Water, Noise, Soil, Solid and Hazardous Wastes for all the parameters for industrial emissions, industrial effluents, ambient air etc.**
7. **Technology Evaluation and Norms Study in Waste Recycling Industry - Distillery and Electroplating.**
8. **Risk Analysis and Disaster Management Plans.**
9. **Waste Water Management Both domestic (sewage) and industrial.**
10. **Ground & Surface Water Treatment and Supply for Rural and Urban Sectors.**
11. **Design and implementation of Wastewater Treatment Plants including Common Effluent Treatment Plants.**
12. **Operation and Maintenance of Effluent Treatment Plants.**
13. **Studies on River, Lake and Forest ecosystems.**
14. **Watershed and Waste land management.**
15. **Studies on Noise Pollution and its Control.**



16. **Studies on Air Pollution and its Control.**
17. **Solid Waste including Hazardous and Biomedical Waste Management.**
18. **Oil Spill Response.**
19. **Rehabilitation of Mines.**
20. **Environment Management Systems, Design and Implementation.**
21. **ISO-14001 Certification.**
22. **Liasioning with State Pollution Control Boards and Ministry of Environment and Forests.**



1.1.1 Table: Ambient Air Quality Monitoring Locations

Sl. No.	Project	Monitoring Locations
1.	<i>Environmental Monitoring of Detergeo Chem (East) Private Limited</i>	Project Site
2.		Khalna
3.		Malia West
4.		Mankur
5.		Kalyanpur
6.		Bagnan
7.		Udang
8.		Bangalpur



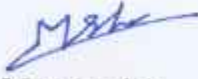


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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A240109 01
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 01.01.2024, 09:55 AM
End Date & Time of Sampling	: 02.01.2024, 09:55 AM
Date of Receipt	: 09.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.01.2024
End Date of Analysis	: 15.01.2024
Date of Reporting	: 15.01.2024
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	70	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	42	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	21	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240109 02
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 04.01.2024, 10:05 AM
End Date & Time of Sampling	: 05.01.2024, 10:05 AM
Date of Receipt	: 09.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.01.2024
End Date of Analysis	: 15.01.2024
Date of Reporting	: 15.01.2024
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	74	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	44	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	19	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.74	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A240109 03
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 01.01.2024, 09:55 AM
End Date & Time of Sampling	: 02.01.2024, 09:55 AM
Date of Receipt	: 09.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.01.2024
End Date of Analysis	: 15.01.2024
Date of Reporting	: 15.01.2024
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	66	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	32	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	20	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.64	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclub@gmail.com


Sample Identification	: A240109 04
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 04.01.2024, 10:10 AM
End Date & Time of Sampling	: 05.01.2024, 10:10 AM
Date of Receipt	: 09.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.01.2024
End Date of Analysis	: 15.01.2024
Date of Reporting	: 15.01.2024
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	64	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	32	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	21	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.67	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A240109 05
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 01.01.2024, 09:55 AM
End Date & Time of Sampling	: 02.01.2024, 09:55 AM
Date of Receipt	: 09.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.01.2024
End Date of Analysis	: 15.01.2024
Date of Reporting	: 15.01.2024
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	62	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	31	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	20	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240109 06
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 04.01.2024, 11:05 AM
End Date & Time of Sampling	: 05.01.2024, 11:05 AM
Date of Receipt	: 09.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.01.2024
End Date of Analysis	: 15.01.2024
Date of Reporting	: 15.01.2024
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	61	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	30	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	9	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	20	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

*M. S. G.*  
 Manoranjan  
 Analyzed by:



*G. N. M.*  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240109 07
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 02.01.2024, 10:05 AM
Start Date & Time of Sampling	: 03.01.2024, 10:05 AM
Date of Receipt	: 09.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.01.2024
End Date of Analysis	: 15.01.2024
Date of Reporting	: 15.01.2024
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

## TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	66	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	35	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	24	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.86	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240109 08
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 05.01.2024, 10:05 AM
End Date & Time of Sampling	: 06.01.2024, 10:05 AM
Date of Receipt	: 09.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.01.2024
End Date of Analysis	: 15.01.2024
Date of Reporting	: 15.01.2024
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEI/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	74	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	40	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	27	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.71	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240109 09
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 02.01.2024, 10:10 AM
End Date & Time of Sampling	: 03.01.2024, 10:10 AM
Date of Receipt	: 09.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.01.2024
End Date of Analysis	: 15.01.2024
Date of Reporting	: 15.01.2024
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	69	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	37	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	28	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.71	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A240109 10
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 05.01.2024, 09:55 AM
End Date & Time of Sampling	: 06.01.2024, 09:55 AM
Date of Receipt	: 09.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.01.2024
End Date of Analysis	: 15.01.2024
Date of Reporting	: 15.01.2024
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	64	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	32	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	22	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclub@gmail.com

Sample Identification	: A240109 11
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 02.01.2024, 09:55 AM
End Date & Time of Sampling	: 03.01.2024, 09:55 AM
Date of Receipt	: 09.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.01.2024
End Date of Analysis	: 15.01.2024
Date of Reporting	: 15.01.2024
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	58	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	30	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	16	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.84	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240109 12
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 05.01.2024, 09:55 AM
End Date & Time of Sampling	: 06.01.2024, 09:55 AM
Date of Receipt	: 09.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.01.2024
End Date of Analysis	: 15.01.2024
Date of Reporting	: 15.01.2024
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	64	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	20	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.85	02	IS 5182(Part-10):2019 NDIR spectroscopy

*M. S. K.*  
 Manoranjan  
 Analyzed by:



*G. N. M.*  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A240109 13
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 03.01.2024, 09:55 AM
End Date & Time of Sampling	: 04.01.2024, 09:55 AM
Date of Receipt	: 09.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.01.2024
End Date of Analysis	: 15.01.2024
Date of Reporting	: 15.01.2024
Sampling Location	: Udang
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEI/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	64	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	25	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.64	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A240109 14
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 06.01.2024, 11:05 AM
End Date & Time of Sampling	: 07.01.2024, 11:05 AM
Date of Receipt	: 09.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.01.2024
End Date of Analysis	: 15.01.2024
Date of Reporting	: 15.01.2024
Sampling Location	: Udang
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	62	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	31	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.75	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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Sample Identification	: A240109 15
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 03.01.2024, 01:00 PM
Start Date & Time of Sampling	: 04.01.2024, 01:00 PM
Date of Receipt	: 09.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.01.2024
End Date of Analysis	: 15.01.2024
Date of Reporting	: 15.01.2024
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	70	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	40	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	16	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	32	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.62	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A240109 16
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 06.01.2024, 01:05 PM
End Date & Time of Sampling	: 07.01.2024, 01:05 PM
Date of Receipt	: 09.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.01.2024
End Date of Analysis	: 15.01.2024
Date of Reporting	: 15.01.2024
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEI/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	38	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	15	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	29	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.75	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240116 01
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 08.01.2024, 09:55 AM
End Date & Time of Sampling	: 09.01.2024, 09:55 AM
Date of Receipt	: 16.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.01.2024
End Date of Analysis	: 22.01.2024
Date of Reporting	: 22.01.2024
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	64	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	38	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.86	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A240116 02
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 11.01.2024, 09:55 AM
End Date & Time of Sampling	: 12.01.2024, 09:55 AM
Date of Receipt	: 16.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.01.2024
End Date of Analysis	: 22.01.2024
Date of Reporting	: 22.01.2024
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEI/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	40	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	26	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.78	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240116 03
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 08.01.2024, 09:55 AM
End Date & Time of Sampling	: 09.01.2024, 09:55 AM
Date of Receipt	: 16.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.01.2024
End Date of Analysis	: 22.01.2024
Date of Reporting	: 22.01.2024
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	52	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	30	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	24	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.64	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclub@gmail.com

Sample Identification	: A240116 04
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 11.01.2024, 09:55 AM
End Date & Time of Sampling	: 12.01.2024, 09:55 AM
Date of Receipt	: 16.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.01.2024
End Date of Analysis	: 22.01.2024
Date of Reporting	: 22.01.2024
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	58	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	20	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.73	02	IS 5182(Part-10):2019 NDIR spectroscopy

*M. Manoranjan*  
 Manoranjan  
 Analyzed by:



*G. Nand Mallick*  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240116 05
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 08.01.2024, 09:55 AM
End Date & Time of Sampling	: 09.01.2024, 09:55 AM
Date of Receipt	: 16.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.01.2024
End Date of Analysis	: 22.01.2024
Date of Reporting	: 22.01.2024
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEI/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	58	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	28	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	21	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.69	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240116 06
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 11.01.2024, 11:05 AM
End Date & Time of Sampling	: 12.01.2024, 11:05 AM
Date of Receipt	: 16.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.01.2024
End Date of Analysis	: 22.01.2024
Date of Reporting	: 22.01.2024
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	70	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	38	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.58	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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Test Report No.: A240116C -07.




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Sample Identification	: A240116 07
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 09.01.2024, 01:00 PM
Start Date & Time of Sampling	: 10.01.2024, 01:00 PM
Date of Receipt	: 16.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.01.2024
End Date of Analysis	: 22.01.2024
Date of Reporting	: 22.01.2024
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

**TEST RESULTS**

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	21	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
Manoranjan  
Analyzed by:



  
Gaja Nand Mallick  
Quality Manager:

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Sample Identification	: A240116 08
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 12.01.2024, 01:05 PM
End Date & Time of Sampling	: 13.01.2024, 01:05 PM
Date of Receipt	: 16.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.01.2024
End Date of Analysis	: 22.01.2024
Date of Reporting	: 22.01.2024
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	78	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	39	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	16	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	32	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.71	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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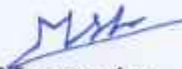


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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A240116 09
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 09.01.2024, 09:55 AM
End Date & Time of Sampling	: 10.01.2024, 09:55 AM
Date of Receipt	: 16.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.01.2024
End Date of Analysis	: 22.01.2024
Date of Reporting	: 22.01.2024
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

## TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	62	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	31	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	21	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.83	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

## Notes:

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\*\*\*\*End of Report\*\*\*\*



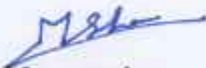


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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A240116 10
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 12.01.2024, 09:55 AM
End Date & Time of Sampling	: 13.01.2024, 09:55 AM
Date of Receipt	: 16.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.01.2024
End Date of Analysis	: 22.01.2024
Date of Reporting	: 22.01.2024
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240116 11
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 09.01.2024, 09:55 AM
End Date & Time of Sampling	: 10.01.2024, 09:55 AM
Date of Receipt	: 16.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.01.2024
End Date of Analysis	: 22.01.2024
Date of Reporting	: 22.01.2024
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	58	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	28	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	22	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.67	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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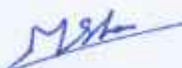


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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240116 12
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 12.01.2024, 09:55 AM
End Date & Time of Sampling	: 13.01.2024, 09:55 AM
Date of Receipt	: 16.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.01.2024
End Date of Analysis	: 22.01.2024
Date of Reporting	: 22.01.2024
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	62	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	30	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	16	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	:	A240116 13
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	:	10.01.2024, 09:55 AM
End Date & Time of Sampling	:	11.01.2024, 09:55 AM
Date of Receipt	:	16.01.2024
Sample Description	:	Ambient Air
Sample Condition	:	OK
Start Date of Analysis	:	16.01.2024
End Date of Analysis	:	22.01.2024
Date of Reporting	:	22.01.2024
Sampling Location	:	Udang
Sample Submitted by	:	Mr. Ankit Kumar
Environmental Condition at Lab	:	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	:	MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	71	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	42	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	27	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.94	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	:	A240116 14
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	:	13.01.2024, 11:05 AM
End Date & Time of Sampling	:	14.01.2024, 11:05 AM
Date of Receipt	:	16.01.2024
Sample Description	:	Ambient Air
Sample Condition	:	OK
Start Date of Analysis	:	16.01.2024
End Date of Analysis	:	22.01.2024
Date of Reporting	:	22.01.2024
Sampling Location	:	Udang
Sample Submitted by	:	Mr. Ankit Kumar
Environmental Condition at Lab	:	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	:	MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	62	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	32	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	24	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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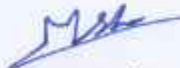


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Sample Identification	: A240116 15
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 10.01.2024, 01:00 PM
Start Date & Time of Sampling	: 11.01.2024, 01:00 PM
Date of Receipt	: 16.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.01.2024
End Date of Analysis	: 22.01.2024
Date of Reporting	: 22.01.2024
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	66	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	27	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	26	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.57	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240116 16
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 13.01.2024, 01:05 PM
End Date & Time of Sampling	: 14.01.2024, 01:05 PM
Date of Receipt	: 16.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.01.2024
End Date of Analysis	: 22.01.2024
Date of Reporting	: 22.01.2024
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. $25 \pm 2$ °C Humidity $50 \pm 10$ %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

## TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	65	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	25	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.64	02	IS 5182(Part-10):2019 NDIR spectroscopy

*MJK*  
 Manoranjan  
 Analyzed by:



*GJM*  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240123 01
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 15.01.2024, 09:55 AM
End Date & Time of Sampling	: 16.01.2024, 09:55 AM
Date of Receipt	: 23.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.01.2024
End Date of Analysis	: 29.01.2024
Date of Reporting	: 29.01.2024
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	76	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	45	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	15	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	30	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.97	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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Sample Identification	: A240123 02.
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 18.01.2024, 10:05 AM
End Date & Time of Sampling	: 19.01.2024, 10:05 AM
Date of Receipt	: 23.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.01.2024
End Date of Analysis	: 29.01.2024
Date of Reporting	: 29.01.2024
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	78	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	40	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	27	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.84	02	IS 5182(Part-10):2019 NDIR spectroscopy

*Msh*  
 Manoranjan  
 Analyzed by:



*Msh*  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240123 03
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 15.01.2024, 09:55 AM
End Date & Time of Sampling	: 16.01.2024, 09:55 AM
Date of Receipt	: 23.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.01.2024
End Date of Analysis	: 29.01.2024
Date of Reporting	: 29.01.2024
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	64	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	32	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	25	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.71	02	IS 5182(Part-10):2019 NDIR spectroscopy

*Mst*  
 Manoranjan  
 Analyzed by:



*Musik*  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240123 04
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 18.01.2024, 10:10 AM
End Date & Time of Sampling	: 19.01.2024, 10:10 AM
Date of Receipt	: 23.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.01.2024
End Date of Analysis	: 29.01.2024
Date of Reporting	: 29.01.2024
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	70	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	38	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	9	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	18	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.67	02	IS 5182(Part-10):2019 NDIR spectroscopy

*Msh*  
 Manoranjan  
 Analyzed by:



*Gajam*  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240123 05
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 15.01.2024, 09:55 AM
End Date & Time of Sampling	: 16.01.2024, 09:55 AM
Date of Receipt	: 23.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.01.2024
End Date of Analysis	: 29.01.2024
Date of Reporting	: 29.01.2024
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	37	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	21	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

*M. Manoranjan*

Manoranjan  
Analyzed by:



*G. Nand Mallick*  
Gaja Nand Mallick  
Quality Manager:

#### Notes:

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Sample Identification	: A240123 06
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 18.01.2024, 11:05 AM
End Date & Time of Sampling	: 19.01.2024, 11:05 AM
Date of Receipt	: 23.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.01.2024
End Date of Analysis	: 29.01.2024
Date of Reporting	: 29.01.2024
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	62	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	31	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	9	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	17	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.74	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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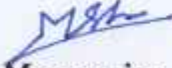


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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240123 07
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 16.01.2024, 10:05 AM
Start Date & Time of Sampling	: 17.01.2024, 10:05 AM
Date of Receipt	: 23.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.01.2024
End Date of Analysis	: 29.01.2024
Date of Reporting	: 29.01.2024
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	72	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	40	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	25	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240123 08
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 19.01.2024, 10:05 AM
End Date & Time of Sampling	: 20.01.2024, 10:05 AM
Date of Receipt	: 23.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.01.2024
End Date of Analysis	: 29.01.2024
Date of Reporting	: 29.01.2024
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	66	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	35	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	21	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.61	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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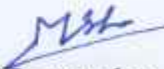


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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A240123 09
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 16.01.2024, 10:10 AM
End Date & Time of Sampling	: 17.01.2024, 10:10 AM
Date of Receipt	: 23.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.01.2024
End Date of Analysis	: 29.01.2024
Date of Reporting	: 29.01.2024
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	70	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	39	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	26	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.81	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240123 10
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 19.01.2024, 09:55 AM
End Date & Time of Sampling	: 20.01.2024, 09:55 AM
Date of Receipt	: 23.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.01.2024
End Date of Analysis	: 29.01.2024
Date of Reporting	: 29.01.2024
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	25	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.79	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240123 11
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 16.01.2024, 09:55 AM
End Date & Time of Sampling	: 17.01.2024, 09:55 AM
Date of Receipt	: 23.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.01.2024
End Date of Analysis	: 29.01.2024
Date of Reporting	: 29.01.2024
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	66	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	17	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

*Msh*  
 Manoranjan  
 Analyzed by:



*Msh*  
 Gaja Nand Mallick  
 Quality Manager:

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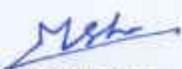


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Sample Identification	: A240123 12
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 19.01.2024, 09:55 AM
End Date & Time of Sampling	: 20.01.2024, 09:55 AM
Date of Receipt	: 23.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.01.2024
End Date of Analysis	: 29.01.2024
Date of Reporting	: 29.01.2024
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEI/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	58	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	30	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	15	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.78	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240123 13
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 17.01.2024, 09:55 AM
End Date & Time of Sampling	: 18.01.2024, 09:55 AM
Date of Receipt	: 23.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.01.2024
End Date of Analysis	: 29.01.2024
Date of Reporting	: 29.01.2024
Sampling Location	: Udang
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	35	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	15	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	30	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.79	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240123 14
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 20.01.2024, 11:05 AM
End Date & Time of Sampling	: 21.01.2024, 11:05 AM
Date of Receipt	: 23.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.01.2024
End Date of Analysis	: 29.01.2024
Date of Reporting	: 29.01.2024
Sampling Location	: Udang
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	65	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	33	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	26	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240123 15
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 17.01.2024, 01:00 PM
Start Date & Time of Sampling	: 18.01.2024, 01:00 PM
Date of Receipt	: 23.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.01.2024
End Date of Analysis	: 29.01.2024
Date of Reporting	: 29.01.2024
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	27	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.78	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclub@gmail.com

Sample Identification	: A240123 16
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 20.01.2024, 01:05 PM
End Date & Time of Sampling	: 21.01.2024, 01:05 PM
Date of Receipt	: 23.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.01.2024
End Date of Analysis	: 29.01.2024
Date of Reporting	: 29.01.2024
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	69	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	37	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	15	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	28	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.74	02	IS 5182(Part-10):2019 NDIR spectroscopy

*M. S. K.*  
 Manoranjan  
 Analyzed by:



*Ankit*  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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\*\*\*\*End of Report\*\*\*\*



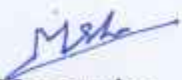


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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A240130 01
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 22.01.2024, 09:55 AM
End Date & Time of Sampling	: 23.01.2024, 09:55 AM
Date of Receipt	: 30.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.01.2024
End Date of Analysis	: 05.02.2024
Date of Reporting	: 05.02.2024
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	76	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	45	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	26	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.86	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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Sample Identification	: A240130 02
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 25.01.2024, 09:55 AM
End Date & Time of Sampling	: 26.01.2024, 09:55 AM
Date of Receipt	: 30.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.01.2024
End Date of Analysis	: 05.02.2024
Date of Reporting	: 05.02.2024
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	64	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	42	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.67	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240130 03
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 22.01.2024, 09:55 AM
End Date & Time of Sampling	: 23.01.2024, 09:55 AM
Date of Receipt	: 30.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.01.2024
End Date of Analysis	: 05.02.2024
Date of Reporting	: 05.02.2024
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEI/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	72	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	42	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.69	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240130 04
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 25.01.2024, 09:55 AM
End Date & Time of Sampling	: 26.01.2024, 09:55 AM
Date of Receipt	: 30.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.01.2024
End Date of Analysis	: 05.02.2024
Date of Reporting	: 05.02.2024
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	62	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	27	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240130 05
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 22.01.2024, 09:55 AM
End Date & Time of Sampling	: 23.01.2024, 09:55 AM
Date of Receipt	: 30.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.01.2024
End Date of Analysis	: 05.02.2024
Date of Reporting	: 05.02.2024
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEI/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	60	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	32	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	20	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240130 06
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 25.01.2024, 11:05 AM
End Date & Time of Sampling	: 26.01.2024, 11:05 AM
Date of Receipt	: 30.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.01.2024
End Date of Analysis	: 05.02.2024
Date of Reporting	: 05.02.2024
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	65	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	35	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	25	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240130 07
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 23.01.2024, 01:00 PM
Start Date & Time of Sampling	: 24.01.2024, 01:00 PM
Date of Receipt	: 30.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.01.2024
End Date of Analysis	: 05.02.2024
Date of Reporting	: 05.02.2024
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	74	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	42	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	24	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.75	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240130 08
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 26.01.2024, 01:05 PM
End Date & Time of Sampling	: 27.01.2024, 01:05 PM
Date of Receipt	: 30.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.01.2024
End Date of Analysis	: 05.02.2024
Date of Reporting	: 05.02.2024
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	35	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	21	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.65	02	IS 5182(Part-10):2019 NDIR spectroscopy

*Msk*  
 Manoranjan  
 Analyzed by:



*Gaja Nand Mallick*  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A240130 09
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 23.01.2024, 09:55 AM
End Date & Time of Sampling	: 24.01.2024, 09:55 AM
Date of Receipt	: 30.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.01.2024
End Date of Analysis	: 05.02.2024
Date of Reporting	: 05.02.2024
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	70	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	38	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	15	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	32	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.83	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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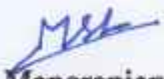


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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A240130 10
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 26.01.2024, 09:55 AM
End Date & Time of Sampling	: 27.01.2024, 09:55 AM
Date of Receipt	: 30.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.01.2024
End Date of Analysis	: 05.02.2024
Date of Reporting	: 05.02.2024
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	72	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	40	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	27	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.77	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240130 11
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 23.01.2024, 09:55 AM
End Date & Time of Sampling	: 24.01.2024, 09:55 AM
Date of Receipt	: 30.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.01.2024
End Date of Analysis	: 05.02.2024
Date of Reporting	: 05.02.2024
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

## TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	72	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	40	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	22	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

*Msk*  
 Manoranjan  
 Analyzed by:



*Gajam*  
 Gaja Nand Mallick  
 Quality Manager:

## Notes:

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Sample Identification	: A240130 12
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 26.01.2024, 09:55 AM
End Date & Time of Sampling	: 27.01.2024, 09:55 AM
Date of Receipt	: 30.01.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 30.01.2024
End Date of Analysis	: 05.02.2024
Date of Reporting	: 05.02.2024
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

## TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	64	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	20	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.63	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

## Notes:

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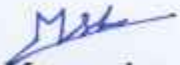


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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	:	A240130 13
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	:	24.01.2024, 09:55 AM
End Date & Time of Sampling	:	25.01.2024, 09:55 AM
Date of Receipt	:	30.01.2024
Sample Description	:	Ambient Air
Sample Condition	:	OK
Start Date of Analysis	:	30.01.2024
End Date of Analysis	:	05.02.2024
Date of Reporting	:	05.02.2024
Sampling Location	:	Udang
Sample Submitted by	:	Mr. Ankit Kumar
Environmental Condition at Lab	:	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	:	MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	67	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	24	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.66	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	:	A240130 14
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	:	27.01.2024, 11:05 AM
End Date & Time of Sampling	:	28.01.2024, 11:05 AM
Date of Receipt	:	30.01.2024
Sample Description	:	Ambient Air
Sample Condition	:	OK
Start Date of Analysis	:	30.01.2024
End Date of Analysis	:	05.02.2024
Date of Reporting	:	05.02.2024
Sampling Location	:	Udang
Sample Submitted by	:	Mr. Ankit Kumar
Environmental Condition at Lab	:	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	:	MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	61	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	32	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.57	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
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 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	:	A240130 15
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	:	24.01.2024, 01:00 PM
Start Date & Time of Sampling	:	25.01.2024, 01:00 PM
Date of Receipt	:	30.01.2024
Sample Description	:	Ambient Air
Sample Condition	:	OK
Start Date of Analysis	:	30.01.2024
End Date of Analysis	:	05.02.2024
Date of Reporting	:	05.02.2024
Sampling Location	:	Bangalpur
Sample Submitted by	:	Mr. Ankit Kumar
Environmental Condition at Lab	:	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	:	MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	58	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	29	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	26	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.77	02	IS 5182(Part-10):2019 NDIR spectroscopy

*Msk*  
 Manoranjan  
 Analyzed by:



*Gaja Nand Mallick*  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	:	A240130 16
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	:	27.01.2024, 01:05 PM
End Date & Time of Sampling	:	28.01.2024, 01:05 PM
Date of Receipt	:	30.01.2024
Sample Description	:	Ambient Air
Sample Condition	:	OK
Start Date of Analysis	:	30.01.2024
End Date of Analysis	:	05.02.2024
Date of Reporting	:	05.02.2024
Sampling Location	:	Bangalpur
Sample Submitted by	:	Mr. Ankit Kumar
Environmental Condition at Lab	:	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	:	MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	60	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	32	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	28	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.78	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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\*\*\*\*End of Report\*\*\*\*



**ENVIRONMENTAL MONITORING REPORT**  
**OF**  
**DETERGEO CHEM (EAST) PRIVATE LIMITED PROJECT**  
**AT**  
**P. S. BAGNAN, District: HOWRAH, WEST BENGAL**

M/DCPL/MR/2023-24/03

February, 2024



**Prepared By**

**MANTEC CONSULTANTS PVT. LTD.**

*(QCI Accredited EIA Consultant at S.No.167 as per List of Accredited consultant Organizations/Rev.25/Sep 05, 2022)*

*(NABET Accredited EIA Consultant, MoEF&CC and NABL approved Laboratory)*

**Environment Division, D-36, Sector-6, Noida-201 301, U. P.,**

**Ph. 0120-4215000, 0120-4215807 Fax. 0120-4215809,**

**e-mail: [environment@mantecconsultants.com](mailto:environment@mantecconsultants.com)**

**<http://www.mantecconsultants.com>**



## TABLE OF CONTENTS

Sl. No	Contents	Page No.
<b>February-2024</b>		
<b>Company Profile</b>		<b>01-06</b>
<b>Ambient Air Quality Report</b>		
<b>First Week</b>		<b>07-22</b>
1.	Project Site	07-08
2.	Khalna	09-10
3.	Malia West	11-12
4.	Mankur	13-14
5.	Kalyanpur	15-16
6.	Bagnan	17-18
7.	Udang	19-20
8.	Bangalpur	21-22
<b>Second Week</b>		<b>23-38</b>
1.	Project Site	23-24
2.	Khalna	25-26
3.	Malia West	27-28
4.	Mankur	29-30
5.	Kalyanpur	31-32
6.	Bagnan	33-34
7.	Udang	35-36
8.	Bangalpur	37-38
<b>Third Week</b>		<b>39-54</b>
1.	Project Site	39-40
2.	Khalna	41-42
3.	Malia West	43-44
4.	Mankur	45-46
5.	Kalyanpur	47-48
6.	Bagnan	49-50
7.	Udang	51-52
8.	Bangalpur	53-54
<b>Fourth Week</b>		<b>55-70</b>
1.	Project Site	55-56
2.	Khalna	57-58
3.	Malia West	59-60
4.	Mankur	61-62
5.	Kalyanpur	63-64
6.	Bagnan	65-66
7.	Udang	67-68
8.	Bangalpur	69-70
<b>Ground Water Quality Report</b>		<b>71-86</b>
1.	Project Site	71-72
2.	Khalna	73-74
3.	Malia West	75-76
4.	Mankur	77-78
5.	Kalyanpur	79-80

6.	Bagnan	81-82
7.	Udang	83-84
8.	Bangalpur	85-86
<b>Surface Water Quality Report</b>		<b>87-94</b>
1.	Roopnarayan River	87-88
2.	Damodar Kata River	89-90
3.	Mundeshwari River	91-92
4.	Damodar River	93-94
5.	Kanashabat River	95-96
6.	Gaighata Khal	97-98
<b>Soil Quality Report</b>		<b>99-106</b>
1.	Project Site	99
2.	Khalna	100
3.	Malia West	101
4.	Mankur	102
5.	Kalyanpur	103
6.	Bagnan	104
7.	Udang	105
8.	Bangalpur	106
<b>Noise Quality Report</b>		<b>107-114</b>
1.	Project Site	107
2.	Khalna	108
3.	Malia West	109
4.	Mankur	110
5.	Kalyanpur	111
6.	Bagnan	112
7.	Udang	113
8.	Bangalpur	114



## COMPANY PROFILE

MANTEC CONSULTANTS PVT. LTD. Provides a Complete range of Environmental and Social Impact Assessment Services with an expert in-house team of Professionals and Associates. Mantec is having a full-fledged Environmental Laboratory duly Recognized by the Ministry of Environment, Forest and Climate Change (MoEF&CC) & Accrediated NABL. Mantec also has Received ISO 9001: 2015 Certification as per Certificate no. EI 2206026 dated 18.07.2022 from Innovative SystemCert Pvt. Ltd.

The list of services includes the following:

1. Environmental Impact Assessment Studies and Environment Management Plans for all types of Infrastructure, Mining, Irrigation, River Valley Projects and Industrial Projects such as Power Plants, Refineries, Ports, Airports, Highways, Residential Colonies, Hazardous Waste Sites, Forestry and Rural Development Projects etc.
2. Social Impact Assessment Studies for all types of Infrastructure, Mining, River Valley Projects and Industrial Projects such as Power Plants, Refineries, Ports, Airports, Highways, Residential Colonies, Hazardous Waste Sites, Forestry and Rural Development Projects etc.
3. Rehabilitation and Resettlement Studies, Resettlement Action Plans for all types of Infrastructure, Mining, River Valley Projects and Industrial Projects such as Power Plants, Refineries, Port, Airport, Highway, Residential Colonies, Hazardous Waste Sites etc.
4. Environmental & Social Issues and screening of Infrastructural Projects
5. Safety Audits & Environmental Audits with Energy Conservation Aspects.
6. Environmental monitoring of Air, Water, Noise, Soil, Solid and Hazardous Wastes for all the parameters for industrial emissions, industrial effluents, ambient air etc.
7. Technology Evaluation and Norms Study in Waste Recycling Industry - Distillery and Electroplating.
8. Risk Analysis and Disaster Management Plans.
9. Waste Water Management Both domestic (sewage) and industrial.
10. Ground & Surface Water Treatment and Supply for Rural and Urban Sectors.
11. Design and implementation of Wastewater Treatment Plants including Common Effluent Treatment Plants.
12. Operation and Maintenance of Effluent Treatment Plants.
13. Studies on River, Lake and Forest ecosystems.
14. Watershed and Waste land management.
15. Studies on Noise Pollution and its Control.

16. **Studies on Air Pollution and its Control.**
17. **Solid Waste including Hazardous and Biomedical Waste Management.**
18. **Oil Spill Response.**
19. **Rehabilitation of Mines.**
20. **Environment Management Systems, Design and Implementation.**
21. **ISO-14001 Certification.**
22. **Liasioning with State Pollution Control Boards and Ministry of Environment and Forests.**



1.1.1 Table: Ambient Air Quality Monitoring Locations

Sl. No.	Project	Monitoring Locations
1.	<i>Environmental Monitoring of Detergeo Chem (East) Private Limited</i>	Project Site
2.		Khalna
3.		Malia West
4.		Mankur
5.		Kalyanpur
6.		Bagnan
7.		Udang
8.		Bangalpur

1.1.2 Table: Ground Water Quality Monitoring Locations

Sl. No.	Project	Monitoring Locations
1.	<i>Environmental Monitoring of Detergeo Chem (East) Private Limited</i>	Project Site
2.		Khalna
3.		Malia West
4.		Mankur
5.		Kalyanpur
6.		Bagnan
7.		Udang
8.		Bangalpur

1.1.3 Table: Surface Water Quality Monitoring Locations

Sl. No.	Project	Monitoring Locations
1.	<i>Environmental Monitoring of Detergeo Chem (East) Private Limited</i>	Roopnarayan River
2.		Damodar Kata River
3.		Mundeshwari River
4.		Damodar River
5.		Kanashabat River
6.		Gaighata Khal

1.1.4 Table: Soil Monitoring Locations

Sl. No.	Project	Monitoring Locations
1.	<i>Environmental Monitoring of Detergeo Chem (East) Private Limited</i>	Project Site
2.		Khalna
3.		Malia West
4.		Mankur
5.		Kalyanpur
6.		Bagnan
7.		Udang
8.		Bangalpur

1.1.5 Table: Noise Monitoring Locations

Sl. No.	Project	Monitoring Locations
1.	<i>Environmental Monitoring of Detergeo Chem (East) Private Limited</i>	Project Site
2.		Khalna
3.		Malia West
4.		Mankur
5.		Kalyanpur
6.		Bagnan
7.		Udang
8.		Bangalpur





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Sample Identification	: A240209 01
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 01.02.2024, 09:55 AM
End Date & Time of Sampling	: 02.02.2024, 09:55 AM
Date of Receipt	: 09.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.02.2024
End Date of Analysis	: 15.02.2024
Date of Reporting	: 15.02.2024
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	72	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	38	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	25	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.69	02	IS 5182(Part-10):2019 NDIR spectroscopy

*MSh*  
 Manoranjan  
 Analyzed by:



*Gaja*  
 Gaja Chand Mallick  
 Quality Manager:

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Sample Identification	: A240209 02
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 04.02.2024, 10:05 AM
End Date & Time of Sampling	: 05.02.2024, 10:05 AM
Date of Receipt	: 09.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.02.2024
End Date of Analysis	: 15.02.2024
Date of Reporting	: 15.02.2024
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	74	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	29	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240209 03
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 01.02.2024, 09:55 AM
End Date & Time of Sampling	: 02.02.2024, 09:55 AM
Date of Receipt	: 09.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.02.2024
End Date of Analysis	: 15.02.2024
Date of Reporting	: 15.02.2024
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.58	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A240209 04
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 04.02.2024, 10:10 AM
End Date & Time of Sampling	: 05.02.2024, 10:10 AM
Date of Receipt	: 09.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.02.2024
End Date of Analysis	: 15.02.2024
Date of Reporting	: 15.02.2024
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEI/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	64	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	31	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	18	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.89	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

**Notes:**

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\*\*\*\*End of Report\*\*\*\*





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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclub@gmail.com

Sample Identification	: A240209 05
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 01.02.2024, 09:55 AM
End Date & Time of Sampling	: 02.02.2024, 09:55 AM
Date of Receipt	: 09.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.02.2024
End Date of Analysis	: 15.02.2024
Date of Reporting	: 15.02.2024
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	69	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	37	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	28	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

*MSh*  
 Manoranjan  
 Analyzed by:



*MSh*  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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\*\*\*\*End of Report\*\*\*\*

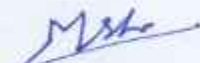


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Sample Identification	: A240209 06
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 04.02.2024, 11:05 AM
End Date & Time of Sampling	: 05.02.2024, 11:05 AM
Date of Receipt	: 09.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.02.2024
End Date of Analysis	: 15.02.2024
Date of Reporting	: 15.02.2024
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	70	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	40	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	26	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.83	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Mand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A240209 07
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 02.02.2024, 10:05 AM
Start Date & Time of Sampling	: 03.02.2024, 10:05 AM
Date of Receipt	: 09.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.02.2024
End Date of Analysis	: 15.02.2024
Date of Reporting	: 15.02.2024
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	66	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	18	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.67	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240209 08
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 05.02.2024, 10:05 AM
End Date & Time of Sampling	: 06.02.2024, 10:05 AM
Date of Receipt	: 09.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.02.2024
End Date of Analysis	: 15.02.2024
Date of Reporting	: 15.02.2024
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	76	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	43	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	27	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.74	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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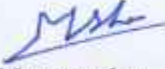


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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240209 09
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 02.02.2024, 10:10 AM
End Date & Time of Sampling	: 03.02.2024, 10:10 AM
Date of Receipt	: 09.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.02.2024
End Date of Analysis	: 15.02.2024
Date of Reporting	: 15.02.2024
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	76	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	42	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	16	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	31	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
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 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240209 10
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 05.02.2024, 09:55 AM
End Date & Time of Sampling	: 06.02.2024, 09:55 AM
Date of Receipt	: 09.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.02.2024
End Date of Analysis	: 15.02.2024
Date of Reporting	: 15.02.2024
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	66	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.83	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240209 11
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 02.02.2024, 09:55 AM
End Date & Time of Sampling	: 03.02.2024, 09:55 AM
Date of Receipt	: 09.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.02.2024
End Date of Analysis	: 15.02.2024
Date of Reporting	: 15.02.2024
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	62	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	33	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	16	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.86	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclub@gmail.com

Sample Identification	: A240209 12
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 05.02.2024, 09:55 AM
End Date & Time of Sampling	: 06.02.2024, 09:55 AM
Date of Receipt	: 09.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.02.2024
End Date of Analysis	: 15.02.2024
Date of Reporting	: 15.02.2024
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	70	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	41	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.91	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240209 13
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 03.02.2024, 09:55 AM
End Date & Time of Sampling	: 04.02.2024, 09:55 AM
Date of Receipt	: 09.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.02.2024
End Date of Analysis	: 15.02.2024
Date of Reporting	: 15.02.2024
Sampling Location	: Udang
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEI/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	60	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	33	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	18	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.84	02	IS 5182(Part-10):2019 NDIR spectroscopy

*Msh*  
 Manoranjan  
 Analyzed by:



*Msh*  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240209 14
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 06.02.2024, 11:05 AM
End Date & Time of Sampling	: 07.02.2024, 11:05 AM
Date of Receipt	: 09.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.02.2024
End Date of Analysis	: 15.02.2024
Date of Reporting	: 15.02.2024
Sampling Location	: Udang
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEI/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	25	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240209 15
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 03.02.2024, 01:00 PM
Start Date & Time of Sampling	: 04.02.2024, 01:00 PM
Date of Receipt	: 09.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.02.2024
End Date of Analysis	: 15.02.2024
Date of Reporting	: 15.02.2024
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	58	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	30	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	25	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.77	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240209 16
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 06.02.2024, 01:05 PM
End Date & Time of Sampling	: 07.02.2024, 01:05 PM
Date of Receipt	: 09.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 09.02.2024
End Date of Analysis	: 15.02.2024
Date of Reporting	: 15.02.2024
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	63	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	31	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	21	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.71	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240216 01
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 08.02.2024, 09:55 AM
End Date & Time of Sampling	: 09.02.2024, 09:55 AM
Date of Receipt	: 16.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.02.2024
End Date of Analysis	: 22.02.2024
Date of Reporting	: 22.02.2024
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	66	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	20	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.58	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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 Quality Manager:

#### Notes:

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Sample Identification	: A240216 02
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 11.02.2024, 09:55 AM
End Date & Time of Sampling	: 12.02.2024, 09:55 AM
Date of Receipt	: 16.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.02.2024
End Date of Analysis	: 22.02.2024
Date of Reporting	: 22.02.2024
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	76	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	45	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	25	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.89	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240216 03
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 08.02.2024, 09:55 AM
End Date & Time of Sampling	: 09.02.2024, 09:55 AM
Date of Receipt	: 16.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.02.2024
End Date of Analysis	: 22.02.2024
Date of Reporting	: 22.02.2024
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEI/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	62	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	30	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	20	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.69	02	IS 5182(Part-10):2019 NDIR spectroscopy

*Msh*  
 Manoranjan  
 Analyzed by:



*Amuk*  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240216 04
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 11.02.2024, 09:55 AM
End Date & Time of Sampling	: 12.02.2024, 09:55 AM
Date of Receipt	: 16.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.02.2024
End Date of Analysis	: 22.02.2024
Date of Reporting	: 22.02.2024
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEI/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	70	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	25	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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Sample Identification	: A240216 05
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 08.02.2024, 09:55 AM
End Date & Time of Sampling	: 09.02.2024, 09:55 AM
Date of Receipt	: 16.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.02.2024
End Date of Analysis	: 22.02.2024
Date of Reporting	: 22.02.2024
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	76	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	44	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	15	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	30	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.76	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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 Quality Manager:

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Sample Identification	: A240216 06
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 11.02.2024, 11:05 AM
End Date & Time of Sampling	: 12.02.2024, 11:05 AM
Date of Receipt	: 16.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.02.2024
End Date of Analysis	: 22.02.2024
Date of Reporting	: 22.02.2024
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	64	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	9	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	19	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.81	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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 Quality Manager:

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Sample Identification	: A240216 07
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 09.02.2024, 01:00 PM
Start Date & Time of Sampling	: 10.02.2024, 01:00 PM
Date of Receipt	: 16.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.02.2024
End Date of Analysis	: 22.02.2024
Date of Reporting	: 22.02.2024
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	78	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	44	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	28	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.54	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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Sample Identification	: A240216 08
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 12.02.2024, 01:05 PM
End Date & Time of Sampling	: 13.02.2024, 01:05 PM
Date of Receipt	: 16.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.02.2024
End Date of Analysis	: 22.02.2024
Date of Reporting	: 22.02.2024
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

## TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	24	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.86	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Gaja Nand Mallick  
Quality Manager:

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Sample Identification	: A240216 09
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 09.02.2024, 09:55 AM
End Date & Time of Sampling	: 10.02.2024, 09:55 AM
Date of Receipt	: 16.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.02.2024
End Date of Analysis	: 22.02.2024
Date of Reporting	: 22.02.2024
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	64	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	32	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	21	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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Sample Identification	: A240216 10
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 12.02.2024, 09:55 AM
End Date & Time of Sampling	: 13.02.2024, 09:55 AM
Date of Receipt	: 16.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.02.2024
End Date of Analysis	: 22.02.2024
Date of Reporting	: 22.02.2024
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	73	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	39	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	27	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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Sample Identification	: A240216 11
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 09.02.2024, 09:55 AM
End Date & Time of Sampling	: 10.02.2024, 09:55 AM
Date of Receipt	: 16.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.02.2024
End Date of Analysis	: 22.02.2024
Date of Reporting	: 22.02.2024
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	38	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	16	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.94	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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Sample Identification	: A240216 12
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 12.02.2024, 09:55 AM
End Date & Time of Sampling	: 13.02.2024, 09:55 AM
Date of Receipt	: 16.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.02.2024
End Date of Analysis	: 22.02.2024
Date of Reporting	: 22.02.2024
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	75	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	46	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	16	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	17	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.80	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A240216 13
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 10.02.2024, 09:55 AM
End Date & Time of Sampling	: 11.02.2024, 09:55 AM
Date of Receipt	: 16.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.02.2024
End Date of Analysis	: 22.02.2024
Date of Reporting	: 22.02.2024
Sampling Location	: Udang
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	62	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	32	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.74	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

**Notes:**

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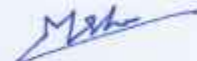


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Sample Identification	: A240216 14
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 13.02.2024, 11:05 AM
End Date & Time of Sampling	: 14.02.2024, 11:05 AM
Date of Receipt	: 16.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.02.2024
End Date of Analysis	: 22.02.2024
Date of Reporting	: 22.02.2024
Sampling Location	: Udang
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	66	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	27	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.66	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240216 15
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 10.02.2024, 01:00 PM
Start Date & Time of Sampling	: 11.02.2024, 01:00 PM
Date of Receipt	: 16.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.02.2024
End Date of Analysis	: 22.02.2024
Date of Reporting	: 22.02.2024
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

## TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	64	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	32	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	24	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.89	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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 Quality Manager:

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Sample Identification	: A240216 16
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 13.02.2024, 01:05 PM
End Date & Time of Sampling	: 14.02.2024, 01:05 PM
Date of Receipt	: 16.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 16.02.2024
End Date of Analysis	: 22.02.2024
Date of Reporting	: 22.02.2024
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	15	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	28	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.76	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
Manoranjan

Analyzed by:



  
Gaja Nand Mallick  
Quality Manager:

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Sample Identification	: A240223 01
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 15.02.2024, 09:55 AM
End Date & Time of Sampling	: 16.02.2024, 09:55 AM
Date of Receipt	: 23.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.02.2024
End Date of Analysis	: 29.02.2024
Date of Reporting	: 29.02.2024
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	65	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	20	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

*Msk*  
 Manoranjan  
 Analyzed by:



*Msk*  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240223 02.
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 18.02.2024, 10:05 AM
End Date & Time of Sampling	: 19.02.2024, 10:05 AM
Date of Receipt	: 23.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.02.2024
End Date of Analysis	: 29.02.2024
Date of Reporting	: 29.02.2024
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	67	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	35	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	21	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.60	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240223 03
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 15.02.2024, 09:55 AM
End Date & Time of Sampling	: 16.02.2024, 09:55 AM
Date of Receipt	: 23.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.02.2024
End Date of Analysis	: 29.02.2024
Date of Reporting	: 29.02.2024
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	72	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	38	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	26	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.81	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
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 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240223 04
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 18.02.2024, 10:10 AM
End Date & Time of Sampling	: 19.02.2024, 10:10 AM
Date of Receipt	: 23.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.02.2024
End Date of Analysis	: 29.02.2024
Date of Reporting	: 29.02.2024
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	64	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	33	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	25	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.88	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240223 05
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 15.02.2024, 09:55 AM
End Date & Time of Sampling	: 16.02.2024, 09:55 AM
Date of Receipt	: 23.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.02.2024
End Date of Analysis	: 29.02.2024
Date of Reporting	: 29.02.2024
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	18	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.83	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240223 06
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 18.02.2024, 11:05 AM
End Date & Time of Sampling	: 19.02.2024, 11:05 AM
Date of Receipt	: 23.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.02.2024
End Date of Analysis	: 29.02.2024
Date of Reporting	: 29.02.2024
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	69	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	35	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.79	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240223 07
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 16.02.2024, 10:05 AM
Start Date & Time of Sampling	: 17.02.2024, 10:05 AM
Date of Receipt	: 23.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.02.2024
End Date of Analysis	: 29.02.2024
Date of Reporting	: 29.02.2024
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

## TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	78	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	40	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	15	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	29	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.76	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240223 08
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 19.02.2024, 10:05 AM
End Date & Time of Sampling	: 20.02.2024, 10:05 AM
Date of Receipt	: 23.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.02.2024
End Date of Analysis	: 29.02.2024
Date of Reporting	: 29.02.2024
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	69	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	37	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.71	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240223 09
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 16.02.2024, 10:10 AM
End Date & Time of Sampling	: 17.02.2024, 10:10 AM
Date of Receipt	: 23.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.02.2024
End Date of Analysis	: 29.02.2024
Date of Reporting	: 29.02.2024
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	72	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	38	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	28	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

*Manoranjan*  
 Manoranjan  
 Analyzed by:



*Gaja Nand Mallick*  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240223 10
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 19.02.2024, 09:55 AM
End Date & Time of Sampling	: 20.02.2024, 09:55 AM
Date of Receipt	: 23.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.02.2024
End Date of Analysis	: 29.02.2024
Date of Reporting	: 29.02.2024
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	65	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	35	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	22	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.84	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240223 11
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 16.02.2024, 09:55 AM
End Date & Time of Sampling	: 17.02.2024, 09:55 AM
Date of Receipt	: 23.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.02.2024
End Date of Analysis	: 29.02.2024
Date of Reporting	: 29.02.2024
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	62	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	38	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	26	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.67	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
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 Quality Manager:

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Sample Identification	: A240223 12
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 19.02.2024, 09:55 AM
End Date & Time of Sampling	: 20.02.2024, 09:55 AM
Date of Receipt	: 23.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.02.2024
End Date of Analysis	: 29.02.2024
Date of Reporting	: 29.02.2024
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	37	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	20	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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 Quality Manager:

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Sample Identification	: A240223 13
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 17.02.2024, 09:55 AM
End Date & Time of Sampling	: 18.02.2024, 09:55 AM
Date of Receipt	: 23.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.02.2024
End Date of Analysis	: 29.02.2024
Date of Reporting	: 29.02.2024
Sampling Location	: Udang
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	74	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	41	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	15	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	28	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.69	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240223 14
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 20.02.2024, 11:05 AM
End Date & Time of Sampling	: 21.02.2024, 11:05 AM
Date of Receipt	: 23.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.02.2024
End Date of Analysis	: 29.02.2024
Date of Reporting	: 29.02.2024
Sampling Location	: Udang
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	70	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	40	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	26	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.74	02	IS 5182(Part-10):2019 NDIR spectroscopy

*Msh*

Manoranjan  
Analyzed by:



*Msh*  
Gaja Nand Mallick  
Quality Manager:

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Sample Identification	: A240223 15
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 17.02.2024, 01:00 PM
Start Date & Time of Sampling	: 18.02.2024, 01:00 PM
Date of Receipt	: 23.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.02.2024
End Date of Analysis	: 29.02.2024
Date of Reporting	: 29.02.2024
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	72	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	42	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	30	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
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 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240223 16
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 20.02.2024, 01:05 PM
End Date & Time of Sampling	: 21.02.2024, 01:05 PM
Date of Receipt	: 23.02.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 23.02.2024
End Date of Analysis	: 29.02.2024
Date of Reporting	: 29.02.2024
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	70	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	21	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.64	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240301 01
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 22.02.2024, 09:55 AM
End Date & Time of Sampling	: 23.02.2024, 09:55 AM
Date of Receipt	: 01.03.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 01.03.2024
End Date of Analysis	: 05.03.2024
Date of Reporting	: 05.03.2024
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	76	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	45	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	16	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	30	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.83	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240301 02
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 25.02.2024, 09:55 AM
End Date & Time of Sampling	: 26.02.2024, 09:55 AM
Date of Receipt	: 01.03.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 01.03.2024
End Date of Analysis	: 05.03.2024
Date of Reporting	: 05.03.2024
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	60	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	24	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.74	02	IS 5182(Part-10):2019 NDIR spectroscopy



Manoranjan  
Analyzed by:



  
Gaja Nand Mallick  
Quality Manager:

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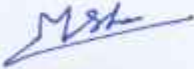


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Sample Identification	: A240301 03
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 22.02.2024, 09:55 AM
End Date & Time of Sampling	: 23.02.2024, 09:55 AM
Date of Receipt	: 01.03.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 01.03.2024
End Date of Analysis	: 05.03.2024
Date of Reporting	: 05.03.2024
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	68	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	37	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	27	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.94	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
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 Quality Manager:

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Sample Identification	: A240301 04
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 25.02.2024, 09:55 AM
End Date & Time of Sampling	: 26.02.2024, 09:55 AM
Date of Receipt	: 01.03.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 01.03.2024
End Date of Analysis	: 05.03.2024
Date of Reporting	: 05.03.2024
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	65	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	22	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.76	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

#### Notes:

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\*\*\*\*End of Report\*\*\*\*



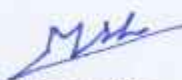


**MANTEC ENVIRONMENTAL LABORATORY**  
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 D-36, SECTOR-VI, NOIDA, District-Gautam Budh Nagar, U. P.  
 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240301 05
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 22.02.2024, 09:55 AM
End Date & Time of Sampling	: 23.02.2024, 09:55 AM
Date of Receipt	: 01.03.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 01.03.2024
End Date of Analysis	: 05.03.2024
Date of Reporting	: 05.03.2024
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	76	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	42	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	25	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.83	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

**Notes:**

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240301 06
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 25.02.2024, 11:05 AM
End Date & Time of Sampling	: 26.02.2024, 11:05 AM
Date of Receipt	: 01.03.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 01.03.2024
End Date of Analysis	: 05.03.2024
Date of Reporting	: 05.03.2024
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	60	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	31	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	22	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.85	02	IS 5182(Part-10):2019 NDIR spectroscopy

*MSK*  
 Manoranjan  
 Analyzed by:



*MSK*  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240301 07
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 23.02.2024, 01:00 PM
End Date & Time of Sampling	: 24.02.2024, 01:00 PM
Date of Receipt	: 01.03.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 01.03.2024
End Date of Analysis	: 05.03.2024
Date of Reporting	: 05.03.2024
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	78	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	42	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	15	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	28	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.69	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Mand Mallick  
 Quality Manager:

#### Notes:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240301 08
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 26.02.2024, 01:05 PM
End Date & Time of Sampling	: 27.02.2024, 01:05 PM
Date of Receipt	: 01.03.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 01.03.2024
End Date of Analysis	: 05.03.2024
Date of Reporting	: 05.03.2024
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

## TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	74	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	41	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	14	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	28	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.81	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240301 09
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 23.02.2024, 09:55 AM
End Date & Time of Sampling	: 24.02.2024, 09:55 AM
Date of Receipt	: 01.03.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 01.03.2024
End Date of Analysis	: 05.03.2024
Date of Reporting	: 05.03.2024
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEI/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	67	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	21	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.76	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240301 10
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 26.02.2024, 09:55 AM
End Date & Time of Sampling	: 27.02.2024, 09:55 AM
Date of Receipt	: 01.03.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 01.03.2024
End Date of Analysis	: 05.03.2024
Date of Reporting	: 05.03.2024
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	60	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	31	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	24	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.71	02	IS 5182(Part-10):2019 NDIR spectroscopy

*Mst*

Manoranjan  
Analyzed by:



*Gaja Nand Mallick*  
Gaja Nand Mallick  
Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A240301 11
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 23.02.2024, 09:55 AM
End Date & Time of Sampling	: 24.02.2024, 09:55 AM
Date of Receipt	: 01.03.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 01.03.2024
End Date of Analysis	: 05.03.2024
Date of Reporting	: 05.03.2024
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	79	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	42	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	15	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	23	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.86	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240301 12
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 26.02.2024, 09:55 AM
End Date & Time of Sampling	: 27.02.2024, 09:55 AM
Date of Receipt	: 01.03.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 01.03.2024
End Date of Analysis	: 05.03.2024
Date of Reporting	: 05.03.2024
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	63	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	35	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	12	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	17	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.83	02	IS 5182(Part-10):2019 NDR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A240301 13
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 24.02.2024, 09:55 AM
End Date & Time of Sampling	: 25.02.2024, 09:55 AM
Date of Receipt	: 01.03.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 01.03.2024
End Date of Analysis	: 05.03.2024
Date of Reporting	: 05.03.2024
Sampling Location	: Udang
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	64	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	36	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	11	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	21	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.75	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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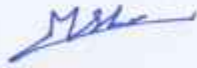


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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com


Sample Identification	: A240301 14
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 27.02.2024, 11:05 AM
End Date & Time of Sampling	: 28.02.2024, 11:05 AM
Date of Receipt	: 01.03.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 01.03.2024
End Date of Analysis	: 05.03.2024
Date of Reporting	: 05.03.2024
Sampling Location	: Udang
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	62	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	32	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	20	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.77	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: A240301 15
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 24.02.2024, 01:00 PM
Start Date & Time of Sampling	: 25.02.2024, 01:00 PM
Date of Receipt	: 01.03.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 01.03.2024
End Date of Analysis	: 05.03.2024
Date of Reporting	: 05.03.2024
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

## TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	61	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	32	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	10	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	20	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.69	02	IS 5182(Part-10):2019 NDIR spectroscopy

*M. S. K.*

Manoranjan  
Analyzed by:



*G. N. M.*  
Gaja Nand Mallick  
Quality Manager:

## Notes:

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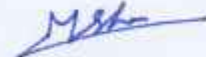


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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: A240301 16
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	: 27.02.2024, 01:05 PM
End Date & Time of Sampling	: 28.02.2024, 01:05 PM
Date of Receipt	: 01.03.2024
Sample Description	: Ambient Air
Sample Condition	: OK
Start Date of Analysis	: 01.03.2024
End Date of Analysis	: 05.03.2024
Date of Reporting	: 05.03.2024
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	64	100	IS 5182(Part-23):2022
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	34	60	IS 5182(Part-24):2019
3.	SO <sub>2</sub>	µg/m <sup>3</sup>	13	80	IS 5182(Part-2):2022
4.	NO <sub>2</sub>	µg/m <sup>3</sup>	26	80	IS 5182(Part-6):2022
5.	CO	mg/m <sup>3</sup>	0.75	02	IS 5182(Part-10):2019 NDIR spectroscopy

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification No.	: W240221 01
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Ground Water
Sample Condition	: Ok
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Project Site
Sample Collected By	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameters	Units	Value	Acceptable Limit	Permissible Limit	Test Method
1.	Colour	Hazen	<5	5	15	IS 3025(Part-4):2021
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025(Part-5):2018
3.	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025(Part-7&8):2017
4.	pH	-	7.65	6.5-8.5	No relaxation	IS 3025(Part-11):2022
5.	Temperature	°C	22	---	---	IS 3025(Part-19):2017
6.	Conductivity	µmhos/cm	717	---	---	IS 3025(Part-14):2019
7.	Alkalinity as CaCO <sub>3</sub>	mg/l	246	200	600	IS 3025(Part-23):2019
8.	Total Dissolved Solids	mg/l	466	500	2000	IS 3025(Part-16):2017
9.	Total Hardness as CaCO <sub>3</sub>	mg/l	354	200	600	IS 3025(Part-21):2019
10.	Calcium as Ca	mg/l	96.8	75	200	IS 3025(Part-40):2019
11.	Magnesium as Mg	mg/l	27.21	30	100	IS 3025(Part-46):2019
12.	Chloride as Cl	mg/l	98	250	1000	IS 3025(Part-32):2019
13.	Phosphate as PO <sub>4</sub>	mg/l	0.47	---	---	IS 3025 (Part-31):2021
14.	Nitrate as NO <sub>3</sub>	mg/l	8.6	45	No relaxation	IS 3025(Part-34):2019
15.	Sulphate as SO <sub>4</sub>	mg/l	30	200	400	IS 3025(Part-24):2019
16.	Fluoride	mg/l	0.34	1.0	1.5	IS 3025(Part-60):2019
17.	Phenolic Compound	mg/l	<0.001	0.001	0.002	IS 3025 (Part-43):2019
18.	Copper as Cu	mg/l	0.0057	0.05	1.5	IS 3025(Part-2):2019
19.	Mercury	mg/l	<0.0005	0.001	No Relaxation	IS 3025 (Part-48):2019
20.	Cadmium as Cd	mg/l	<0.002	0.003	No relaxation	IS 3025(Part-2):2019
21.	Total Arsenic as As	mg/l	0.0052	0.01	0.05	IS 3025(Part-2):2019
22.	Lead as Pb	mg/l	<0.005	0.01	No relaxation	IS 3025(Part-2):2019
23.	Total Chromium as Cr	mg/l	<0.005	0.05	No relaxation	IS 3025(Part-2):2019
24.	Iron as Fe	mg/l	0.026	0.3	No relaxation	IS 3025(Part-2):2019
25.	Sodium as Na	mg/l	20	---	---	IS 3025(Part-45):2019

26.	Potassium as K	mg/l	4	--	----	IS 3025 (Part-38):2019
27.	Total Coliform	MPN/100ml	<2	Shall not be detectable in any 100 ml sample		IS 1622:1981
28.	Faecal Coliform	MPN/100ml	<2	Shall not be detectable in any 100 ml sample		IS 1622:1981

*Ajmal*  
**Ajmal Husain**  
 Analyzed by:



*Gajam*  
**Gaja Nand Mallick**  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification No.	: W240221 02
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Ground Water
Sample Condition	: Ok
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Khalna
Sample Collected By	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameters	Units	Value	Acceptable Limit	Permissible Limit	Test Method
1.	Colour	Hazen	<5	5	15	IS 3025(Part-4):2021
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025(Part-5):2018
3.	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025(Part-7&8):2017
4.	pH	-	7.52	6.5-8.5	No relaxation	IS 3025(Part-11):2022
5.	Temperature	°C	23	---	---	IS 3025(Part-19):2017
6.	Conductivity	µmhos/cm	1039	---	---	IS 3025(Part-14):2019
7.	Alkalinity as CaCO <sub>3</sub>	mg/l	374	200	600	IS 3025(Part-23):2019
8.	Total Dissolved Solids	mg/l	675	500	2000	IS 3025(Part-16):2017
9.	Total Hardness as CaCO <sub>3</sub>	mg/l	510	200	600	IS 3025(Part-21):2019
10.	Calcium as Ca	mg/l	144.8	75	200	IS 3025(Part-40):2019
11.	Magnesium as Mg	mg/l	35.96	30	100	IS 3025(Part-46):2019
12.	Chloride as Cl	mg/l	136	250	1000	IS 3025(Part-32):2019
13.	Phosphate as PO <sub>4</sub>	mg/l	0.62	---	---	IS 3025 (Part-31):2021
14.	Nitrate as NO <sub>3</sub>	mg/l	9.8	45	No relaxation	IS 3025(Part-34):2019
15.	Sulphate as SO <sub>4</sub>	mg/l	38	200	400	IS 3025(Part-24):2019
16.	Fluoride	mg/l	0.42	1.0	1.5	IS 3025(Part-60):2019
17.	Phenolic Compound	mg/l	<0.001	0.001	0.002	IS 3025 (Part-43):2019
18.	Copper as Cu	mg/l	<0.005	0.05	1.5	IS 3025(Part-2):2019
19.	Mercury	mg/l	<0.0005	0.001	No Relaxation	IS 3025 (Part-48):2019
20.	Cadmium as Cd	mg/l	<0.002	0.003	No relaxation	IS 3025(Part-2):2019
21.	Total Arsenic as As	mg/l	<0.005	0.01	0.05	IS 3025(Part-2):2019
22.	Lead as Pb	mg/l	0.0067	0.01	No relaxation	IS 3025(Part-2):2019
23.	Total Chromium as Cr	mg/l	<0.005	0.05	No relaxation	IS 3025(Part-2):2019
24.	Iron as Fe	mg/l	0.037	0.3	No relaxation	IS 3025(Part-2):2019
25.	Sodium as Na	mg/l	32	---	---	IS 3025(Part-45):2019

26.	Potassium as K	mg/l	5	---	---	IS 3025 (Part-38):2019
27.	Total Coliform	MPN/100ml	<2	Shall not be detectable in any 100 ml sample		IS 1622:1981
28.	Faecal Coliform	MPN/100ml	<2	Shall not be detectable in any 100 ml sample		IS 1622:1981

*Ajmal*  
**Ajmal Husain**  
 Analyzed by:



*Gaja Nand Mallick*  
**Gaja Nand Mallick**  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification No.	: W240221 03
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Ground Water
Sample Condition	: Ok
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Malia West
Sample Collected By	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameters	Units	Value	Acceptable Limit	Permissible Limit	Test Method
1.	Colour	Hazen	<5	5	15	IS 3025(Part-4):2021
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025(Part-5):2018
3.	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025(Part-7&8):2017
4.	pH	-	7.72	6.5-8.5	No relaxation	IS 3025(Part-11):2022
5.	Temperature	°C	21	---	---	IS 3025(Part-19):2017
6.	Conductivity	µmhos/cm	866	---	---	IS 3025(Part-14):2019
7.	Alkalinity as CaCO <sub>3</sub>	mg/l	298	200	600	IS 3025(Part-23):2019
8.	Total Dissolved Solids	mg/l	563	500	2000	IS 3025(Part-16):2017
9.	Total Hardness as CaCO <sub>3</sub>	mg/l	428	200	600	IS 3025(Part-21):2019
10.	Calcium as Ca	mg/l	120.0	75	200	IS 3025(Part-40):2019
11.	Magnesium as Mg	mg/l	31.10	30	100	IS 3025(Part-46):2019
12.	Chloride as Cl	mg/l	120	250	1000	IS 3025(Part-32):2019
13.	Phosphate as PO <sub>4</sub>	mg/l	0.56	---	---	IS 3025 (Part-31):2021
14.	Nitrate as NO <sub>3</sub>	mg/l	9.2	45	No relaxation	IS 3025(Part-34):2019
15.	Sulphate as SO <sub>4</sub>	mg/l	34	200	400	IS 3025(Part-24):2019
16.	Fluoride	mg/l	0.37	1.0	1.5	IS 3025(Part-60):2019
17.	Phenolic Compound	mg/l	<0.001	0.001	0.002	IS 3025 (Part-43):2019
18.	Copper as Cu	mg/l	<0.005	0.05	1.5	IS 3025(Part-2):2019
19.	Mercury	mg/l	<0.0005	0.001	No Relaxation	IS 3025 (Part-48):2019
20.	Cadmium as Cd	mg/l	<0.002	0.003	No relaxation	IS 3025(Part-2):2019
21.	Total Arsenic as As	mg/l	<0.005	0.01	0.05	IS 3025(Part-2):2019
22.	Lead as Pb	mg/l	0.0059	0.01	No relaxation	IS 3025(Part-2):2019
23.	Total Chromium as Cr	mg/l	<0.005	0.05	No relaxation	IS 3025(Part-2):2019
24.	Iron as Fe	mg/l	<0.02	0.3	No relaxation	IS 3025(Part-2):2019
25.	Sodium as Na	mg/l	26	---	---	IS 3025(Part-45):2019

26.	Potassium as K	mg/l	3	---	---	IS 3025 (Part-38):2019
27.	Total Coliform	MPN/100ml	<2	Shall not be detectable in any 100 ml sample		IS 1622:1981
28.	Faecal Coliform	MPN/100ml	<2	Shall not be detectable in any 100 ml sample		IS 1622:1981

*Ajmal*  
**Ajmal Husain**  
 Analyzed by:



*Gaja Nand Mallick*  
**Gaja Nand Mallick**  
 Quality Manager:

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Sample Identification No.	: W240221 04
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Ground Water
Sample Condition	: Ok
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Mankur
Sample Collected By	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameters	Units	Value	Acceptable Limit	Permissible Limit	Test Method
1.	Colour	Hazen	<5	5	15	IS 3025(Part-4):2021
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025(Part-5):2018
3.	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025(Part-7&8):2017
4.	pH	-	7.43	6.5-8.5	No relaxation	IS 3025(Part-11):2022
5.	Temperature	°C	24	---	---	IS 3025(Part-19):2017
6.	Conductivity	µmhos/cm	762	---	---	IS 3025(Part-14):2019
7.	Alkalinity as CaCO <sub>3</sub>	mg/l	254	200	600	IS 3025(Part-23):2019
8.	Total Dissolved Solids	mg/l	495	500	2000	IS 3025(Part-16):2017
9.	Total Hardness as CaCO <sub>3</sub>	mg/l	360	200	600	IS 3025(Part-21):2019
10.	Calcium as Ca	mg/l	100.8	75	200	IS 3025(Part-40):2019
11.	Magnesium as Mg	mg/l	26.24	30	100	IS 3025(Part-46):2019
12.	Chloride as Cl	mg/l	110	250	1000	IS 3025(Part-32):2019
13.	Phosphate as PO <sub>4</sub>	mg/l	0.38	---	---	IS 3025 (Part-31):2021
14.	Nitrate as NO <sub>3</sub>	mg/l	9	45	No relaxation	IS 3025(Part-34):2019
15.	Sulphate as SO <sub>4</sub>	mg/l	28	200	400	IS 3025(Part-24):2019
16.	Fluoride	mg/l	0.39	1.0	1.5	IS 3025(Part-60):2019
17.	Phenolic Compound	mg/l	<0.001	0.001	0.002	IS 3025 (Part-43):2019
18.	Copper as Cu	mg/l	0.0061	0.05	1.5	IS 3025(Part-2):2019
19.	Mercury	mg/l	<0.0005	0.001	No Relaxation	IS 3025 (Part-48):2019
20.	Cadmium as Cd	mg/l	<0.002	0.003	No relaxation	IS 3025(Part-2):2019
21.	Total Arsenic as As	mg/l	<0.005	0.01	0.05	IS 3025(Part-2):2019
22.	Lead as Pb	mg/l	<0.005	0.01	No relaxation	IS 3025(Part-2):2019
23.	Total Chromium as Cr	mg/l	0.0051	0.05	No relaxation	IS 3025(Part-2):2019
24.	Iron as Fe	mg/l	0.03	0.3	No relaxation	IS 3025(Part-2):2019
25.	Sodium as Na	mg/l	28	---	---	IS 3025(Part-45):2019

26.	Potassium as K	mg/l	5	---	---	IS 3025 (Part-38):2019
27.	Total Coliform	MPN/100ml	<2	Shall not be detectable in any 100 ml sample		IS 1622:1981
28.	Faecal Coliform	MPN/100ml	<2	Shall not be detectable in any 100 ml sample		IS 1622:1981

*Ajmal*  
**Ajmal Husain**  
 Analyzed by:



*Mallik*  
**Gaja Nand Mallick**  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification No.	: W240221 05
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Ground Water
Sample Condition	: Ok
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Kalyan pur
Sample Collected By	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameters	Units	Value	Acceptable Limit	Permissible Limit	Test Method
1.	Colour	Hazen	<5	5	15	IS 3025(Part-4):2021
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025(Part-5):2018
3.	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025(Part-7&8):2017
4.	pH	-	7.30	6.5-8.5	No relaxation	IS 3025(Part-11):2022
5.	Temperature	°C	22	---	---	IS 3025(Part-19):2017
6.	Conductivity	µmhos/cm	756	---	---	IS 3025(Part-14):2019
7.	Alkalinity as CaCO <sub>3</sub>	mg/l	276	200	600	IS 3025(Part-23):2019
8.	Total Dissolved Solids	mg/l	492	500	2000	IS 3025(Part-16):2017
9.	Total Hardness as CaCO <sub>3</sub>	mg/l	368	200	600	IS 3025(Part-21):2019
10.	Calcium as Ca	mg/l	101.6	75	200	IS 3025(Part-40):2019
11.	Magnesium as Mg	mg/l	27.70	30	100	IS 3025(Part-46):2019
12.	Chloride as Cl	mg/l	98	250	1000	IS 3025(Part-32):2019
13.	Phosphate as PO <sub>4</sub>	mg/l	0.53	---	---	IS 3025 (Part-31):2021
14.	Nitrate as NO <sub>3</sub>	mg/l	8.8	45	No relaxation	IS 3025(Part-34):2019
15.	Sulphate as SO <sub>4</sub>	mg/l	26	200	400	IS 3025(Part-24):2019
16.	Fluoride	mg/l	0.33	1.0	1.5	IS 3025(Part-60):2019
17.	Phenolic Compound	mg/l	<0.001	0.001	0.002	IS 3025 (Part-43):2019
18.	Copper as Cu	mg/l	0.0054	0.05	1.5	IS 3025(Part-2):2019
19.	Mercury	mg/l	<0.0005	0.001	No Relaxation	IS 3025 (Part-48):2019
20.	Cadmium as Cd	mg/l	0.0025	0.003	No relaxation	IS 3025(Part-2):2019
21.	Total Arsenic as As	mg/l	0.0057	0.01	0.05	IS 3025(Part-2):2019
22.	Lead as Pb	mg/l	<0.005	0.01	No relaxation	IS 3025(Part-2):2019
23.	Total Chromium as Cr	mg/l	0.0064	0.05	No relaxation	IS 3025(Part-2):2019
24.	Iron as Fe	mg/l	0.045	0.3	No relaxation	IS 3025(Part-2):2019
25.	Sodium as Na	mg/l	25	---	---	IS 3025(Part-45):2019

26.	Potassium as K	mg/l	3	---	---	IS 3025 (Part-38):2019
27.	Total Coliform	MPN/100ml	<2	Shall not be detectable in any 100 ml sample		IS 1622:1981
28.	Faecal Coliform	MPN/100ml	<2	Shall not be detectable in any 100 ml sample		IS 1622:1981

*Ajmal*  
Ajmal Husain  
Analyzed by:



*Mullick*  
Gaja Nand Mallick  
Quality Manager:

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Sample Identification No.	: W240221 06
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Ground Water
Sample Condition	: Ok
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Bainan
Sample Collected By	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameters	Units	Value	Acceptable Limit	Permissible Limit	Test Method
1.	Colour	Hazen	<5	5	15	IS 3025(Part-4):2021
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025(Part-5):2018
3.	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025(Part-7&8):2017
4.	pH	-	7.41	6.5-8.5	No relaxation	IS 3025(Part-11):2022
5.	Temperature	°C	20	---	---	IS 3025(Part-19):2017
6.	Conductivity	µmhos/cm	793	---	---	IS 3025(Part-14):2019
7.	Alkalinity as CaCO <sub>3</sub>	mg/l	284	200	600	IS 3025(Part-23):2019
8.	Total Dissolved Solids	mg/l	516	500	2000	IS 3025(Part-16):2017
9.	Total Hardness as CaCO <sub>3</sub>	mg/l	388	200	600	IS 3025(Part-21):2019
10.	Calcium as Ca	mg/l	104.0	75	200	IS 3025(Part-40):2019
11.	Magnesium as Mg	mg/l	31.10	30	100	IS 3025(Part-46):2019
12.	Chloride as Cl	mg/l	104	250	1000	IS 3025(Part-32):2019
13.	Phosphate as PO <sub>4</sub>	mg/l	0.61	---	---	IS 3025 (Part-31):2021
14.	Nitrate as NO <sub>3</sub>	mg/l	9.6	45	No relaxation	IS 3025(Part-34):2019
15.	Sulphate as SO <sub>4</sub>	mg/l	30	200	400	IS 3025(Part-24):2019
16.	Fluoride	mg/l	0.28	1.0	1.5	IS 3025(Part-60):2019
17.	Phenolic Compound	mg/l	<0.001	0.001	0.002	IS 3025 (Part-43):2019
18.	Copper as Cu	mg/l	0.006	0.05	1.5	IS 3025(Part-2):2019
19.	Mercury	mg/l	<0.0005	0.001	No Relaxation	IS 3025 (Part-48):2019
20.	Cadmium as Cd	mg/l	<0.002	0.003	No relaxation	IS 3025(Part-2):2019
21.	Total Arsenic as As	mg/l	0.006	0.01	0.05	IS 3025(Part-2):2019
22.	Lead as Pb	mg/l	<0.005	0.01	No relaxation	IS 3025(Part-2):2019
23.	Total Chromium as Cr	mg/l	<0.005	0.05	No relaxation	IS 3025(Part-2):2019
24.	Iron as Fe	mg/l	0.038	0.3	No relaxation	IS 3025(Part-2):2019
25.	Sodium as Na	mg/l	26	---	---	IS 3025(Part-45):2019

26.	Potassium as K	mg/l	3	---	----	IS 3025 (Part-38):2019
27.	Total Coliform	MPN/100ml	<2	Shall not be detectable in any 100 ml sample		IS 1622:1981
28.	Faecal Coliform	MPN/100ml	<2	Shall not be detectable in any 100 ml sample		IS 1622:1981

*Ajmal*  
**Ajmal Husain**  
 Analyzed by:



*Gaja Nand Mallick*  
**Gaja Nand Mallick**  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification No.	: W240221 07
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Ground Water
Sample Condition	: Ok
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Udang
Sample Collected By	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameters	Units	Value	Acceptable Limit	Permissible Limit	Test Method
1.	Colour	Hazen	<5	5	15	IS 3025(Part-4):2021
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025(Part-5):2018
3.	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025(Part-7&8):2017
4.	pH	-	7.32	6.5-8.5	No relaxation	IS 3025(Part-11):2022
5.	Temperature	°C	22	---	---	IS 3025(Part-19):2017
6.	Conductivity	µmhos/cm	739	---	---	IS 3025(Part-14):2019
7.	Alkalinity as CaCO <sub>3</sub>	mg/l	266	200	600	IS 3025(Part-23):2019
8.	Total Dissolved Solids	mg/l	480	500	2000	IS 3025(Part-16):2017
9.	Total Hardness as CaCO <sub>3</sub>	mg/l	352	200	600	IS 3025(Part-21):2019
10.	Calcium as Ca	mg/l	95.2	75	200	IS 3025(Part-40):2019
11.	Magnesium as Mg	mg/l	27.70	30	100	IS 3025(Part-46):2019
12.	Chloride as Cl	mg/l	90	250	1000	IS 3025(Part-32):2019
13.	Phosphate as PO <sub>4</sub>	mg/l	0.55	---	---	IS 3025 (Part-31):2021
14.	Nitrate as NO <sub>3</sub>	mg/l	8.6	45	No relaxation	IS 3025(Part-34):2019
15.	Sulphate as SO <sub>4</sub>	mg/l	34	200	400	IS 3025(Part-24):2019
16.	Fluoride	mg/l	0.43	1.0	1.5	IS 3025(Part-60):2019
17.	Phenolic Compound	mg/l	<0.001	0.001	0.002	IS 3025 (Part-43):2019
18.	Copper as Cu	mg/l	<0.005	0.05	1.5	IS 3025(Part-2):2019
19.	Mercury	mg/l	<0.0005	0.001	No Relaxation	IS 3025 (Part-48):2019
20.	Cadmium as Cd	mg/l	<0.002	0.003	No relaxation	IS 3025(Part-2):2019
21.	Total Arsenic as As	mg/l	0.0055	0.01	0.05	IS 3025(Part-2):2019
22.	Lead as Pb	mg/l	0.0062	0.01	No relaxation	IS 3025(Part-2):2019
23.	Total Chromium as Cr	mg/l	<0.005	0.05	No relaxation	IS 3025(Part-2):2019
24.	Iron as Fe	mg/l	0.052	0.3	No relaxation	IS 3025(Part-2):2019
25.	Sodium as Na	mg/l	28	---	---	IS 3025(Part-45):2019

26.	Potassium as K	mg/l	2	---	----	IS 3025 (Part-38):2019
27.	Total Coliform	MPN/100ml	<2	Shall not be detectable in any 100 ml sample		IS 1622:1981
28.	Faecal Coliform	MPN/100ml	<2	Shall not be detectable in any 100 ml sample		IS 1622:1981

*Ajmal*  
**Ajmal Husain**  
 Analyzed by:

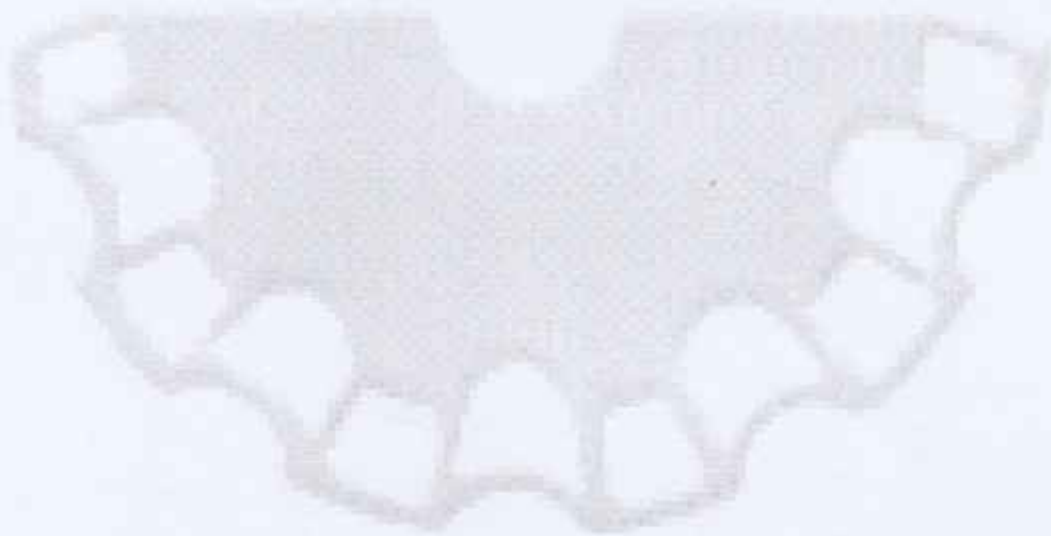


*Gaja Nand Mallick*  
**Gaja Nand Mallick**  
 Quality Manager:

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Sample Identification No.	: W240221 08
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Ground Water
Sample Condition	: Ok
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Bangalipur
Sample Collected By	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameters	Units	Value	Acceptable Limit	Permissible Limit	Test Method
1.	Colour	Hazen	<5	5	15	IS 3025(Part-4):2021
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025(Part-5):2018
3.	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025(Part-7&8):2017
4.	pH	-	7.39	6.5-8.5	No relaxation	IS 3025(Part-11):2022
5.	Temperature	°C	21	---	---	IS 3025(Part-19):2017
6.	Conductivity	µmhos/cm	758	---	---	IS 3025(Part-14):2019
7.	Alkalinity as CaCO <sub>3</sub>	mg/l	272	200	600	IS 3025(Part-23):2019
8.	Total Dissolved Solids	mg/l	492	500	2000	IS 3025(Part-16):2017
9.	Total Hardness as CaCO <sub>3</sub>	mg/l	378	200	600	IS 3025(Part-21):2019
10.	Calcium as Ca	mg/l	104.8	75	200	IS 3025(Part-40):2019
11.	Magnesium as Mg	mg/l	28.18	30	100	IS 3025(Part-46):2019
12.	Chloride as Cl	mg/l	100	250	1000	IS 3025(Part-32):2019
13.	Phosphate as PO <sub>4</sub>	mg/l	0.52	---	---	IS 3025 (Part-31):2021
14.	Nitrate as NO <sub>3</sub>	mg/l	8.4	45	No relaxation	IS 3025(Part-34):2019
15.	Sulphate as SO <sub>4</sub>	mg/l	28	200	400	IS 3025(Part-24):2019
16.	Fluoride	mg/l	0.32	1.0	1.5	IS 3025(Part-60):2019
17.	Phenolic Compound	mg/l	<0.001	0.001	0.002	IS 3025 (Part-43):2019
18.	Copper as Cu	mg/l	<0.005	0.05	1.5	IS 3025(Part-2):2019
19.	Mercury	mg/l	<0.0005	0.001	No Relaxation	IS 3025 (Part-48):2019
20.	Cadmium as Cd	mg/l	0.0029	0.003	No relaxation	IS 3025(Part-2):2019
21.	Total Arsenic as As	mg/l	<0.005	0.01	0.05	IS 3025(Part-2):2019
22.	Lead as Pb	mg/l	0.0055	0.01	No relaxation	IS 3025(Part-2):2019
23.	Total Chromium as Cr	mg/l	<0.005	0.05	No relaxation	IS 3025(Part-2):2019
24.	Iron as Fe	mg/l	0.029	0.3	No relaxation	IS 3025(Part-2):2019
25.	Sodium as Na	mg/l	22	---	---	IS 3025(Part-45):2019

26.	Potassium as K	mg/l	2	---	----	IS 3025 (Part-38):2019
27.	Total Coliform	MPN/100ml	<2	Shall not be detectable in any 100 ml sample		IS 1622:1981
28.	Faecal Coliform	MPN/100ml	<2	Shall not be detectable in any 100 ml sample		IS 1622:1981

*Ajmal*  
Ajmal Husain  
Analyzed by:



*Gaja Nand Mallick*  
Gaja Nand Mallick  
Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification No.	: W240221 09
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Surface Water
Sample Condition	: Ok
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Roopnarayan River
Sample Collected By	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameters	Units	Value	Designated Class D	Test Method
1.	Colour	Hazen	<5	----	IS 3025(Part-4):2021
2.	Odour	-	Agreeable	----	IS 3025(Part-5):2018
3.	Taste	-	Agreeable	----	IS 3025(Part-7&8):2017
4.	Turbidity	NTU	2.3	----	IS 3025(Part-10):2017
5.	pH	-	7.67	6.5-8.5	IS 3025(Part-11):2011
6.	Temperature	°C	20	----	IS 3025(Part-9):2017
7.	Conductivity	µmhos/cm	283	----	IS 3025(Part-14):2019
8.	Alkalinity as CaCO <sub>3</sub>	mg/l	112	----	IS 3025(Part-23):2019
9.	Total Dissolved Solids	mg/l	184	----	IS 3025(Part-16):2017
10.	Total Hardness as CaCO <sub>3</sub>	mg/l	124	----	IS 3025(Part-21):2019
11.	Calcium as CaCO <sub>3</sub>	mg/l	92	----	IS 3025(Part-40):2019
12.	Magnesium as CaCO <sub>3</sub>	mg/l	32	----	IS 3025(Part-46):2019
13.	Chloride as Cl	mg/l	20	----	IS 3025(Part-32):2019
14.	Phosphate as PO <sub>4</sub>	mg/l	0.33	----	IS 3025(Part-31):2021
15.	Nitrate as NO <sub>3</sub>	mg/l	6.80	----	IS 3025(Part-34):2019
16.	Sulphate as SO <sub>4</sub>	mg/l	16	----	IS 3025(Part-24):2019
17.	Fluoride	mg/l	0.38	----	IS 3025(Part-60):2019
18.	Phenolic Compound	mg/l	<0.001	----	IS 3025(Part-43):2019
19.	Copper as Cu	mg/l	<0.005	----	IS 3025(Part-2):2019
20.	Cadmium as Cd	mg/l	<0.002	----	IS 3025(Part-2):2019
21.	Mercury	mg/l	<0.0005	----	IS 3025 (Part-48): 2019
22.	Selenium as Se	mg/l	<0.005	----	IS 3025(Part-2):2019
23.	Total Arsenic as As	mg/l	0.0054	----	IS 3025(Part-2):2019
24.	Lead as Pb	mg/l	<0.005	----	IS 3025(Part-2):2019
25.	Zinc as Zn	mg/l	0.024	----	IS 3025(Part-2):2019
26.	Hexavalent Chromium as Cr <sup>6+</sup>	mg/l	<0.01	----	IS 3025 (Part-52):2019
27.	Aluminium as Al	mg/l	0.018	----	IS 3025(Part-2):2019

28.	Manganese as Mn	mg/l	<0.005	----	IS 3025(Part-2):2019
29.	Boron as B	mg/l	<0.1	----	IS 3025(Part-2):2019
30.	Iron as Fe	mg/l	0.076	----	IS 3025(Part-2):2019
31.	Sodium as Na	mg/l	14	----	IS 3025(Part-45):2019
32.	Potassium as K	mg/l	2	----	IS 3025(Part-45):2019
33.	Dissolved Oxygen	mg/l	6.3	≥4mg/l	IS 3025(Part-38):2019
34.	BOD	mg/l	8	----	IS 3025(Part-44):2019
35.	COD	mg/l	70	----	IS 3025(Part-58):2017
36.	Total Coliform	MPN/100ml	1300	----	IS 1622-1981
37.	Faecal Coliform	MPN/100ml	790	----	IS 1622-1981

Designated Best Use	Class	
Ground Water source without conventional treatment but after disinfection	A	
Outdoor Bathing(Organized)	B	
Ground Water source after conventional treatment & disinfection	C	
Propagation of wild life & Fisheries	D	√
Irrigation, Industrial cooling, Controlled Waste Disposal	E	
	Below E	

*Ajmal*  
Ajmal Husain  
Analyzed by:



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Gaja Nanda Mallick  
Quality Manager:

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Sample Identification No.	: W240221 10
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Surface Water
Sample Condition	: Ok
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Damodar Kata River
Sample Collected By	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameters	Units	Value	Designated Class D	Test Method
1.	Colour	Hazen	<5	---	IS 3025(Part-4):2021
2.	Odour	-	Agreeable	---	IS 3025(Part-5):2018
3.	Taste	-	Agreeable	---	IS 3025(Part-7&8):2017
4.	Turbidity	NTU	2.5	---	IS 3025(Part-10):2017
5.	pH	-	7.39	6.5-8.5	IS 3025(Part-11):2011
6.	Temperature	°C	21	---	IS 3025(Part-9):2017
7.	Conductivity	µmhos/cm	315	---	IS 3025(Part-14):2019
8.	Alkalinity as CaCO <sub>3</sub>	mg/l	122	---	IS 3025(Part-23):2019
9.	Total Dissolved Solids	mg/l	205	---	IS 3025(Part-16):2017
10.	Total Hardness as CaCO <sub>3</sub>	mg/l	146	---	IS 3025(Part-21):2019
11.	Calcium as CaCO <sub>3</sub>	mg/l	110	---	IS 3025(Part-40):2019
12.	Magnesium as CaCO <sub>3</sub>	mg/l	36	---	IS 3025(Part-46):2019
13.	Chloride as Cl	mg/l	24	---	IS 3025(Part-32):2019
14.	Phosphate as PO <sub>4</sub>	mg/l	0.45	---	IS 3025(Part-31):2021
15.	Nitrate as NO <sub>3</sub>	mg/l	7.40	---	IS 3025(Part-34):2019
16.	Sulphate as SO <sub>4</sub>	mg/l	18	---	IS 3025(Part-24):2019
17.	Fluoride	mg/l	0.31	---	IS 3025(Part-60):2019
18.	Phenolic Compound	mg/l	<0.001	---	IS 3025(Part-43):2019
19.	Copper as Cu	mg/l	<0.005	---	IS 3025(Part-2):2019
20.	Cadmium as Cd	mg/l	0.0021	---	IS 3025(Part-2):2019
21.	Mercury	mg/l	<0.0005	---	IS 3025 (Part-48): 2019
22.	Selenium as Se	mg/l	<0.005	---	IS 3025(Part-2):2019
23.	Total Arsenic as As	mg/l	<0.005	---	IS 3025(Part-2):2019
24.	Lead as Pb	mg/l	<0.005	---	IS 3025(Part-2):2019
25.	Zinc as Zn	mg/l	0.029	---	IS 3025(Part-2):2019
26.	Hexavalent Chromium as Cr <sup>+6</sup>	mg/l	<0.01	---	IS 3025 (Part-52):2019

27.	Aluminium as Al	mg/l	0.045	---	IS 3025(Part-2):2019
28.	Manganese as Mn	mg/l	0.007	---	IS 3025(Part-2):2019
29.	Boron as B	mg/l	<0.1	---	IS 3025(Part-2):2019
30.	Iron as Fe	mg/l	0.094	---	IS 3025(Part-2):2019
31.	Sodium as Na	mg/l	12	---	IS 3025(Part-45):2019
32.	Potassium as K	mg/l	2	---	IS 3025(Part-45):2019
33.	Dissolved Oxygen	mg/l	6.5	≥4mg/l	IS 3025(Part-38):2019
34.	BOD	mg/l	10	---	IS 3025(Part-44):2019
35.	COD	mg/l	84	---	IS 3025(Part-58):2017
36.	Total Coliform	MPN/100ml	940	---	IS 1622-1981
37.	Faecal Coliform	MPN/100ml	460	---	IS 1622-1981

Designated Best Use	Class	
Ground Water source without conventional treatment but after disinfection	A	
Outdoor Bathing(Organized)	B	
Ground Water source after conventional treatment & disinfection	C	
Propagation of wild life & Fisheries	D	√
Irrigation, Industrial cooling, Controlled Waste Disposal	E	
	Below E	

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Gaja Nand Mallick  
Quality Manager:

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Sample Identification No.	: W240221 11
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Surface Water
Sample Condition	: Ok
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Mundeshwari River
Sample Collected By	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameters	Units	Value	Designated Class D	Test Method
1.	Colour	Hazen	<5	----	IS 3025(Part-4):2021
2.	Odour	-	Agreeable	----	IS 3025(Part-5):2018
3.	Taste	-	Agreeable	----	IS 3025(Part-7&8):2017
4.	Turbidity	NTU	3.2	----	IS 3025(Part-10):2017
5.	pH	-	6.95	6.5-8.5	IS 3025(Part-11):2011
6.	Temperature	°C	21	----	IS 3025(Part-9):2017
7.	Conductivity	µmhos/cm	260	----	IS 3025(Part-14):2019
8.	Alkalinity as CaCO <sub>3</sub>	mg/l	98	----	IS 3025(Part-23):2019
9.	Total Dissolved Solids	mg/l	169	----	IS 3025(Part-16):2017
10.	Total Hardness as CaCO <sub>3</sub>	mg/l	118	----	IS 3025(Part-21):2019
11.	Calcium as CaCO <sub>3</sub>	mg/l	86	----	IS 3025(Part-40):2019
12.	Magnesium as CaCO <sub>3</sub>	mg/l	32	----	IS 3025(Part-46):2019
13.	Chloride as Cl	mg/l	22	----	IS 3025(Part-32):2019
14.	Phosphate as PO <sub>4</sub>	mg/l	0.42	----	IS 3025(Part-31):2021
15.	Nitrate as NO <sub>3</sub>	mg/l	6.20	----	IS 3025(Part-34):2019
16.	Sulphate as SO <sub>4</sub>	mg/l	14	----	IS 3025(Part-24):2019
17.	Fluoride	mg/l	0.28	----	IS 3025(Part-60):2019
18.	Phenolic Compound	mg/l	<0.001	----	IS 3025(Part-43):2019
19.	Copper as Cu	mg/l	<0.005	----	IS 3025(Part-2):2019
20.	Cadmium as Cd	mg/l	<0.002	----	IS 3025(Part-2):2019
21.	Mercury	mg/l	<0.0005	----	IS 3025 (Part-48): 2019
22.	Selenium as Se	mg/l	<0.005	----	IS 3025(Part-2):2019
23.	Total Arsenic as As	mg/l	0.006	----	IS 3025(Part-2):2019
24.	Lead as Pb	mg/l	<0.005	----	IS 3025(Part-2):2019
25.	Zinc as Zn	mg/l	0.034	----	IS 3025(Part-2):2019
26.	Hexavalent Chromium as Cr <sup>+6</sup>	mg/l	<0.01	----	IS 3025 (Part-52):2019
27.	Aluminium as Al	mg/l	<0.005	----	IS 3025(Part-2):2019

28.	Manganese as Mn	mg/l	<0.005	---	IS 3025(Part-2):2019
29.	Boron as B	mg/l	0.564	---	IS 3025(Part-2):2019
30.	Iron as Fe	mg/l	<0.02	---	IS 3025(Part-2):2019
31.	Sodium as Na	mg/l	10	---	IS 3025(Part-45):2019
32.	Potassium as K	mg/l	3	---	IS 3025(Part-45):2019
33.	Dissolved Oxygen	mg/l	5.8	≥4mg/l	IS 3025(Part-38):2019
34.	BOD	mg/l	13	---	IS 3025(Part-44):2019
35.	COD	mg/l	110	---	IS 3025(Part-58):2017
36.	Total Coliform	MPN/100ml	1090	---	IS 1622-1981
37.	Faecal Coliform	MPN/100ml	490	---	IS 1622-1981

Designated Best Use	Class	
Ground Water source without conventional treatment but after disinfection	A	
Outdoor Bathing(Organized)	B	
Ground Water source after conventional treatment & disinfection	C	
Propagation of wild life & Fisheries	D	√
Irrigation, Industrial cooling, Controlled Waste Disposal	E	
	Below E	

*Ajmal*  
Ajmal Husain  
Analyzed by:



*Mohit*  
Gaja Nand Mallick  
Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification No.	: W240221 12
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Surface Water
Sample Condition	: Ok
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Damodar River
Sample Collected By	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameters	Units	Value	Designated Class D	Test Method
1.	Colour	Hazen	<5	----	IS 3025(Part-4):2021
2.	Odour	-	Agreeable	----	IS 3025(Part-5):2018
3.	Taste	-	Agreeable	----	IS 3025(Part-7&8):2017
4.	Turbidity	NTU	2.6	----	IS 3025(Part-10):2017
5.	pH	-	7.82	6.5-8.5	IS 3025(Part-11):2011
6.	Temperature	°C	22	----	IS 3025(Part-9):2017
7.	Conductivity	µmhos/cm	305	----	IS 3025(Part-14):2019
8.	Alkalinity as CaCO <sub>3</sub>	mg/l	116	----	IS 3025(Part-23):2019
9.	Total Dissolved Solids	mg/l	198	----	IS 3025(Part-16):2017
10.	Total Hardness as CaCO <sub>3</sub>	mg/l	136	----	IS 3025(Part-21):2019
11.	Calcium as CaCO <sub>3</sub>	mg/l	98	----	IS 3025(Part-40):2019
12.	Magnesium as CaCO <sub>3</sub>	mg/l	38	----	IS 3025(Part-46):2019
13.	Chloride as Cl	mg/l	26	----	IS 3025(Part-32):2019
14.	Phosphate as PO <sub>4</sub>	mg/l	0.41	----	IS 3025(Part-31):2021
15.	Nitrate as NO <sub>3</sub>	mg/l	7.40	----	IS 3025(Part-34):2019
16.	Sulphate as SO <sub>4</sub>	mg/l	16	----	IS 3025(Part-24):2019
17.	Fluoride	mg/l	0.41	----	IS 3025(Part-60):2019
18.	Phenolic Compound	mg/l	<0.001	----	IS 3025(Part-43):2019
19.	Copper as Cu	mg/l	<0.005	----	IS 3025(Part-2):2019
20.	Cadmium as Cd	mg/l	<0.002	----	IS 3025(Part-2):2019
21.	Mercury	mg/l	<0.0005	----	IS 3025 (Part-48): 2019
22.	Selenium as Se	mg/l	<0.005	----	IS 3025(Part-2):2019
23.	Total Arsenic as As	mg/l	<0.005	----	IS 3025(Part-2):2019
24.	Lead as Pb	mg/l	<0.005	----	IS 3025(Part-2):2019
25.	Zinc as Zn	mg/l	<0.02	----	IS 3025(Part-2):2019
26.	Hexavalent Chromium as Cr <sup>6+</sup>	mg/l	<0.01	----	IS 3025 (Part-52):2019
27.	Aluminium as Al	mg/l	0.028	----	IS 3025(Part-2):2019

28.	Manganese as Mn	mg/l	0.0052	----	IS 3025(Part-2):2019
29.	Boron as B	mg/l	<0.1	----	IS 3025(Part-2):2019
30.	Iron as Fe	mg/l	0.062	----	IS 3025(Part-2):2019
31.	Sodium as Na	mg/l	14	----	IS 3025(Part-45):2019
32.	Potassium as K	mg/l	2	----	IS 3025(Part-45):2019
33.	Dissolved Oxygen	mg/l	6.9	≥4mg/l	IS 3025(Part-38):2019
34.	BOD	mg/l	7	----	IS 3025(Part-44):2019
35.	COD	mg/l	60	----	IS 3025(Part-58):2017
36.	Total Coliform	MPN/100ml	1200	----	IS 1622-1981
37.	Faecal Coliform	MPN/100ml	700	----	IS 1622-1981

Designated Best Use	Class	
Ground Water source without conventional treatment but after disinfection	A	
Outdoor Bathing(Organized)	B	
Ground Water source after conventional treatment & disinfection	C	
Propagation of wild life & Fisheries	D	√
Irrigation, Industrial cooling, Controlled Waste Disposal	E	
	Below E	

*Ajmal*  
Ajmal Husain  
Analyzed by:



*Gaja Nand Mallick*  
Gaja Nand Mallick  
Quality Manager:

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Sample Identification No.	: W240221 13
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Surface Water
Sample Condition	: Ok
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Kanashabat River
Sample Collected By	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameters	Units	Value	Designated Class D	Test Method
1.	Colour	Hazen	<5	----	IS 3025(Part-4):2021
2.	Odour	-	Agreeable	----	IS 3025(Part-5):2018
3.	Taste	-	Agreeable	----	IS 3025(Part-7&8):2017
4.	Turbidity	NTU	1.9	----	IS 3025(Part-10):2017
5.	pH	-	7.91	6.5-8.5	IS 3025(Part-11):2011
6.	Temperature	°C	20	----	IS 3025(Part-9):2017
7.	Conductivity	µmhos/cm	302	----	IS 3025(Part-14):2019
8.	Alkalinity as CaCO <sub>3</sub>	mg/l	108	----	IS 3025(Part-23):2019
9.	Total Dissolved Solids	mg/l	196	----	IS 3025(Part-16):2017
10.	Total Hardness as CaCO <sub>3</sub>	mg/l	128	----	IS 3025(Part-21):2019
11.	Calcium as CaCO <sub>3</sub>	mg/l	94	----	IS 3025(Part-40):2019
12.	Magnesium as CaCO <sub>3</sub>	mg/l	34	----	IS 3025(Part-46):2019
13.	Chloride as Cl	mg/l	26	----	IS 3025(Part-32):2019
14.	Phosphate as PO <sub>4</sub>	mg/l	0.44	----	IS 3025(Part-31):2021
15.	Nitrate as NO <sub>3</sub>	mg/l	9.20	----	IS 3025(Part-34):2019
16.	Sulphate as SO <sub>4</sub>	mg/l	18	----	IS 3025(Part-24):2019
17.	Fluoride	mg/l	0.39	----	IS 3025(Part-60):2019
18.	Phenolic Compound	mg/l	<0.001	----	IS 3025(Part-43):2019
19.	Copper as Cu	mg/l	<0.005	----	IS 3025(Part-2):2019
20.	Cadmium as Cd	mg/l	0.0031	----	IS 3025(Part-2):2019
21.	Mercury	mg/l	<0.0005	----	IS 3025 (Part-48): 2019
22.	Selenium as Se	mg/l	<0.005	----	IS 3025(Part-2):2019
23.	Total Arsenic as As	mg/l	<0.005	----	IS 3025(Part-2):2019
24.	Lead as Pb	mg/l	<0.005	----	IS 3025(Part-2):2019
25.	Zinc as Zn	mg/l	0.03	----	IS 3025(Part-2):2019
26.	Hexavalent Chromium as Cr <sup>+6</sup>	mg/l	<0.01	----	IS 3025 (Part-52):2019
27.	Aluminium as Al	mg/l	<0.005	----	IS 3025(Part-2):2019

28.	Manganese as Mn	mg/l	<0.005	----	IS 3025(Part-2):2019
29.	Boron as B	mg/l	<0.1	----	IS 3025(Part-2):2019
30.	Iron as Fe	mg/l	<0.02	----	IS 3025(Part-2):2019
31.	Sodium as Na	mg/l	15	----	IS 3025(Part-45):2019
32.	Potassium as K	mg/l	3	----	IS 3025(Part-45):2019
33.	Dissolved Oxygen	mg/l	6.6	≥4mg/l	IS 3025(Part-38):2019
34.	BOD	mg/l	9	----	IS 3025(Part-44):2019
35.	COD	mg/l	76	----	IS 3025(Part-58):2017
36.	Total Coliform	MPN/100ml	1480	----	IS 1622-1981
37.	Faecal Coliform	MPN/100ml	840	----	IS 1622-1981

Designated Best Use	Class	
Ground Water source without conventional treatment but after disinfection	A	
Outdoor Bathing(Organized)	B	
Ground Water source after conventional treatment & disinfection	C	
Propagation of wild life & Fisheries	D	√
Irrigation, Industrial cooling, Controlled Waste Disposal	E	
	Below E	

*Ajmal*  
Ajmal Husain  
Analyzed by:



*Mallick*  
Gaja Nand Mallick  
Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification No.	: W240221 14
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Surface Water
Sample Condition	: Ok
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Gaighata Khal
Sample Collected By	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameters	Units	Value	Designated Class D	Test Method
1.	Colour	Hazen	<5	----	IS 3025(Part-4):2021
2.	Odour	-	Agreeable	----	IS 3025(Part-5):2018
3.	Taste	-	Agreeable	----	IS 3025(Part-7&8):2017
4.	Turbidity	NTU	2.2	----	IS 3025(Part-10):2017
5.	pH	-	7.86	6.5-8.5	IS 3025(Part-11):2011
6.	Temperature	°C	21	----	IS 3025(Part-9):2017
7.	Conductivity	µmhos/cm	343	----	IS 3025(Part-14):2019
8.	Alkalinity as CaCO <sub>3</sub>	mg/l	124	----	IS 3025(Part-23):2019
9.	Total Dissolved Solids	mg/l	223	----	IS 3025(Part-16):2017
10.	Total Hardness as CaCO <sub>3</sub>	mg/l	154	----	IS 3025(Part-21):2019
11.	Calcium as CaCO <sub>3</sub>	mg/l	122	----	IS 3025(Part-40):2019
12.	Magnesium as CaCO <sub>3</sub>	mg/l	32	----	IS 3025(Part-46):2019
13.	Chloride as Cl <sup>-</sup>	mg/l	30	----	IS 3025(Part-32):2019
14.	Phosphate as PO <sub>4</sub>	mg/l	0.39	----	IS 3025(Part-31):2021
15.	Nitrate as NO <sub>3</sub>	mg/l	8.40	----	IS 3025(Part-34):2019
16.	Sulphate as SO <sub>4</sub>	mg/l	20	----	IS 3025(Part-24):2019
17.	Fluoride	mg/l	0.34	----	IS 3025(Part-60):2019
18.	Phenolic Compound	mg/l	<0.001	----	IS 3025(Part-43):2019
19.	Copper as Cu	mg/l	<0.005	----	IS 3025(Part-2):2019
20.	Cadmium as Cd	mg/l	<0.002	----	IS 3025(Part-2):2019
21.	Mercury	mg/l	<0.0005	----	IS 3025 (Part-48): 2019
22.	Selenium as Se	mg/l	<0.005	----	IS 3025(Part-2):2019
23.	Total Arsenic as As	mg/l	<0.005	----	IS 3025(Part-2):2019
24.	Lead as Pb	mg/l	<0.005	----	IS 3025(Part-2):2019
25.	Zinc as Zn	mg/l	0.05	----	IS 3025(Part-2):2019
26.	Hexavalent Chromium as Cr <sup>+6</sup>	mg/l	<0.01	----	IS 3025 (Part-52):2019
27.	Aluminium as Al	mg/l	0.015	----	IS 3025(Part-2):2019

28.	Manganese as Mn	mg/l	<0.005	---	IS 3025(Part-2):2019
29.	Boron as B	mg/l	0.91	---	IS 3025(Part-2):2019
30.	Iron as Fe	mg/l	0.066	---	IS 3025(Part-2):2019
31.	Sodium as Na	mg/l	14	---	IS 3025(Part-45):2019
32.	Potassium as K	mg/l	3	---	IS 3025(Part-45):2019
33.	Dissolved Oxygen	mg/l	6.2	≥4mg/l	IS 3025(Part-38):2019
34.	BOD	mg/l	11	---	IS 3025(Part-44):2019
35.	COD	mg/l	90	---	IS 3025(Part-58):2017
36.	Total Coliform	MPN/100ml	1410	---	IS 1622-1981
37.	Faecal Coliform	MPN/100ml	630	---	IS 1622-1981

Designated Best Use	Class	
Ground Water source without conventional treatment but after disinfection	A	
Outdoor Bathing(Organized)	B	
Ground Water source after conventional treatment & disinfection	C	
Propagation of wild life & Fisheries	D	√
Irrigation, Industrial cooling, Controlled Waste Disposal	E	
	Below E	

*Ajmal*  
Ajmal Husain  
Analyzed by:



*Gaja Nand Mallick*  
Gaja Nand Mallick  
Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: L240221 01
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Soil
Sample Condition	: OK
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Project Site
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEI/MSP/7.3/P-01

## TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Protocol
1.	pH	-	7.31	IS 2720(Part-26):2021
2.	Bulk Density	gm/cm <sup>3</sup>	1.84	IS 2720(Part-28):2020
3.	Conductivity	micro mhos/cm	324	IS 14767:2021
4.	Moisture	%	6.2	IS 2720(Part-19):2020
5.	Texture	-	Sandy Loam	IS 2720(Part-04):2020
6.	Sand	%	64	IS 2720(Part-04):2020
7.	Clay	%	18	IS 2720(Part-04):2020
8.	Silt	%	18	IS 2720(Part-04):2020
9.	CEC	mg/100gm	13.88	IS 2720(Part-24):2020
10.	Nitrogen	mg/100gm	14.49	IS 14684:2019
11.	Phosphorous	mg/100gm	0.8	IS 5305:2020
12.	Potassium	mg/100gm	9.81	IS 9497:2020
13.	Sodium	mg/100gm	3.8	IS 9497:2020
14.	Organic Matter	%	2.44	IS 2720(Part-22):2020
15.	Ca	mg/100gm	3.1	IS 5949:2020
16.	Mg	mg/100gm	2.08	IS 5949:2020
17.	SAR	-	0.41	IS 2720

*Ajmal*  
 Ajmal Husain  
 Analyzed by:



*Ankit*  
 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: L240221 02
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Soil
Sample Condition	: OK
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Khalna
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

## TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Protocol
1.	pH	-	7.25	IS 2720(Part-26):2021
2.	Bulk Density	gm/cm <sup>3</sup>	2.14	IS 2720(Part-28):2020
3.	Conductivity	micro mhos/cm	258	IS 14767:2021
4.	Moisture	%	5.4	IS 2720(Part-19):2020
5.	Texture	-	Sandy Loam	IS 2720(Part-04):2020
6.	Sand	%	62	IS 2720(Part-04):2020
7.	Clay	%	22	IS 2720(Part-04):2020
8.	Silt	%	16	IS 2720(Part-04):2020
9.	CEC	mg/100gm	15.76	IS 2720(Part-24):2020
10.	Nitrogen	mg/100gm	14.36	IS 14684:2019
11.	Phosphorous	mg/100gm	0.76	IS 5305:2020
12.	Potassium	mg/100gm	9.72	IS 9497:2020
13.	Sodium	mg/100gm	4.2	IS 9497:2020
14.	Organic Matter	%	2.38	IS 2720(Part-22):2020
15.	Ca	mg/100gm	2.8	IS 5949:2020
16.	Mg	mg/100gm	1.88	IS 5949:2020
17.	SAR	-	0.47	IS 2720

*Ajmal*  
 Ajmal Husain  
 Analyzed by:



*Gaja Nand Mallick*  
 Gaja Nand Mallick  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: L240221 03
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Soil
Sample Condition	: OK
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Malia West
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

## TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Protocol
1.	pH	-	7.48	IS 2720(Part-26):2021
2.	Bulk Density	gm/cm <sup>3</sup>	2.08	IS 2720(Part-28):2020
3.	Conductivity	micro mhos/cm	286	IS 14767:2021
4.	Moisture	%	6.3	IS 2720(Part-19):2020
5.	Texture	-	Sandy Loam	IS 2720(Part-04):2020
6.	Sand	%	60	IS 2720(Part-04):2020
7.	Clay	%	20	IS 2720(Part-04):2020
8.	Silt	%	20	IS 2720(Part-04):2020
9.	CEC	mg/100gm	14.36	IS 2720(Part-24):2020
10.	Nitrogen	mg/100gm	14.62	IS 14684:2019
11.	Phosphorous	mg/100gm	0.93	IS 5305:2020
12.	Potassium	mg/100gm	10.16	IS 9497:2020
13.	Sodium	mg/100gm	3.6	IS 9497:2020
14.	Organic Matter	%	2.18	IS 2720(Part-22):2020
15.	Ca	mg/100gm	2.7	IS 5949:2020
16.	Mg	mg/100gm	1.64	IS 5949:2020
17.	SAR	-	0.42	IS 2720

*Ajmal*  
**Ajmal Husain**  
 Analyzed by:



*Gaja Nand Mallick*  
**Gaja Nand Mallick**  
 Quality Manager:

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 Ph.0120-4215000, 4215805, Fax, 0120-4215809, e-mail :manteclab@gmail.com

Sample Identification	: L240221 04
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Soil
Sample Condition	: OK
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Mankur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

## TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Protocol
1.	pH	-	7.32	IS 2720(Part-26):2021
2.	Bulk Density	gm/cm <sup>3</sup>	1.96	IS 2720(Part-28):2020
3.	Conductivity	micro mhos/cm	348	IS 14767:2021
4.	Moisture	%	5.6	IS 2720(Part-19):2020
5.	Texture	-	Sandy Loam	IS 2720(Part-04):2020
6.	Sand	%	58	IS 2720(Part-04):2020
7.	Clay	%	22	IS 2720(Part-04):2020
8.	Silt	%	20	IS 2720(Part-04):2020
9.	CEC	mg/100gm	16.34	IS 2720(Part-24):2020
10.	Nitrogen	mg/100gm	13.91	IS 14684:2019
11.	Phosphorous	mg/100gm	0.67	IS 5305:2020
12.	Potassium	mg/100gm	9.63	IS 9497:2020
13.	Sodium	mg/100gm	4.6	IS 9497:2020
14.	Organic Matter	%	2.67	IS 2720(Part-22):2020
15.	Ca	mg/100gm	3.6	IS 5949:2020
16.	Mg	mg/100gm	1.77	IS 5949:2020
17.	SAR	-	0.49	IS 2720

*Ajmal*  
 Ajmal Husain  
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 Gaja Nand Mallick  
 Quality Manager:

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Sample Identification	: L240221 05
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Soil
Sample Condition	: OK
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Kalyanpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

## TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Protocol
1.	pH	-	7.61	IS 2720(Part-26):2021
2.	Bulk Density	gm/cm <sup>3</sup>	2.26	IS 2720(Part-28):2020
3.	Conductivity	micro mhos/cm	250	IS 14767:2021
4.	Moisture	%	6.1	IS 2720(Part-19):2020
5.	Texture	-	Sandy Loam	IS 2720(Part-04):2020
6.	Sand	%	60	IS 2720(Part-04):2020
7.	Clay	%	18	IS 2720(Part-04):2020
8.	Silt	%	22	IS 2720(Part-04):2020
9.	CEC	mg/100gm	12.92	IS 2720(Part-24):2020
10.	Nitrogen	mg/100gm	14	IS 14684:2019
11.	Phosphorous	mg/100gm	0.84	IS 5305:2020
12.	Potassium	mg/100gm	9.9	IS 9497:2020
13.	Sodium	mg/100gm	4.3	IS 9497:2020
14.	Organic Matter	%	1.96	IS 2720(Part-22):2020
15.	Ca	mg/100gm	3.1	IS 5949:2020
16.	Mg	mg/100gm	1.68	IS 5949:2020
17.	SAR	-	0.49	IS 2720

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 Quality Manager:

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Sample Identification	: L240221 06
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Soil
Sample Condition	: OK
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Bagnan
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

## TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Protocol
1.	pH	-	7.42	IS 2720(Part-26):2021
2.	Bulk Density	gm/cm <sup>3</sup>	2.12	IS 2720(Part-28):2020
3.	Conductivity	micro mhos/cm	308	IS 14767:2021
4.	Moisture	%	5.8	IS 2720(Part-19):2020
5.	Texture	-	Sandy Loam	IS 2720(Part-04):2020
6.	Sand	%	58	IS 2720(Part-04):2020
7.	Clay	%	24	IS 2720(Part-04):2020
8.	Silt	%	18	IS 2720(Part-04):2020
9.	CEC	mg/100gm	17.64	IS 2720(Part-24):2020
10.	Nitrogen	mg/100gm	14.22	IS 14684:2019
11.	Phosphorous	mg/100gm	0.71	IS 5305:2020
12.	Potassium	mg/100gm	9.99	IS 9497:2020
13.	Sodium	mg/100gm	4.5	IS 9497:2020
14.	Organic Matter	%	2.82	IS 2720(Part-22):2020
15.	Ca	mg/100gm	3	IS 5949:2020
16.	Mg	mg/100gm	1.54	IS 5949:2020
17.	SAR	-	0.52	IS 2720

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 Quality Manager:

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Sample Identification	: L240221 07
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Soil
Sample Condition	: OK
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Udang
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

## TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Protocol
1.	pH	-	7.38	IS 2720(Part-26):2021
2.	Bulk Density	gm/cm <sup>3</sup>	1.98	IS 2720(Part-28):2020
3.	Conductivity	micro mhos/cm	412	IS 14767:2021
4.	Moisture	%	6.4	IS 2720(Part-19):2020
5.	Texture	-	Sandy Loam	IS 2720(Part-04):2020
6.	Sand	%	62	IS 2720(Part-04):2020
7.	Clay	%	16	IS 2720(Part-04):2020
8.	Silt	%	22	IS 2720(Part-04):2020
9.	CEC	mg/100gm	13.08	IS 2720(Part-24):2020
10.	Nitrogen	mg/100gm	14.4	IS 14684:2019
11.	Phosphorous	mg/100gm	0.8	IS 5305:2020
12.	Potassium	mg/100gm	10.07	IS 9497:2020
13.	Sodium	mg/100gm	3.7	IS 9497:2020
14.	Organic Matter	%	2.54	IS 2720(Part-22):2020
15.	Ca	mg/100gm	3.4	IS 5949:2020
16.	Mg	mg/100gm	1.81	IS 5949:2020
17.	SAR	-	0.4	IS 2720

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Sample Identification	: L240221 08
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Sampling	: 18.02.2024
Date of Receipt	: 21.02.2024
Sample Description	: Soil
Sample Condition	: OK
Start Date of Analysis	: 21.02.2024
End Date of Analysis	: 27.02.2024
Date of Reporting	: 27.02.2024
Sampling Location	: Bangalpur
Sample Submitted by	: Mr. Ankit Kumar
Environmental Condition at Lab	: Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	: MEL/MSP/7.3/P-01

#### TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Protocol
1.	pH	-		IS 2720(Part-26):2021
2.	Bulk Density	gm/cm <sup>3</sup>	2.32	IS 2720(Part-28):2020
3.	Conductivity	micro mhos/cm	264	IS 14767:2021
4.	Moisture	%	5.2	IS 2720(Part-19):2020
5.	Texture	-	Sandy Loam	IS 2720(Part-04):2020
6.	Sand	%	60	IS 2720(Part-04):2020
7.	Clay	%	24	IS 2720(Part-04):2020
8.	Silt	%	16	IS 2720(Part-04):2020
9.	CEC	mg/100gm	17.52	IS 2720(Part-24):2020
10.	Nitrogen	mg/100gm	14.58	IS 14684:2019
11.	Phosphorous	mg/100gm	0.93	IS 5305:2020
12.	Potassium	mg/100gm	10.21	IS 9497:2020
13.	Sodium	mg/100gm	4.1	IS 9497:2020
14.	Organic Matter	%	2.76	IS 2720(Part-22):2020
15.	Ca	mg/100gm	3.2	IS 5949:2020
16.	Mg	mg/100gm	2.14	IS 5949:2020
17.	SAR	-	0.43	IS 2720

*Ajmal*  
**Ajmal Husain**  
 Analyzed by:



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**Gaja Nand Mallick**  
 Quality Manager:

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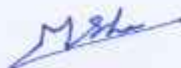
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Date of Monitoring	:	01.02.2024
Date of Reporting	:	05.03.2024
Sample Description	:	Noise Monitoring
Sampling Location	:	Project Site
Monitored by	:	Mr. Ankit Kumar
Test Method	:	IS 9989:1981(Reaffirmed Year 2020)

### Monitoring Report


Sl. No.	Noise Level dB(A)		Category of Area
	Day (Leq <sub>d</sub> )	Night (Leq <sub>n</sub> )	
1.	62.3	48.6	Industrial Area

### Standards of Noise Level

Sl. No.	Category of Area	Day dB (A)	Night dB (A)
1.	Industrial Area	75	70
2.	Commercial Area	65	55
3.	Residential Area	55	45
4.	Silence Zone	50	40

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

\*\*\*\*End of Report\*\*\*\*



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Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Date of Monitoring	:	04.02.2024
Date of Reporting	:	05.03.2024
Sample Description	:	Noise Monitoring
Sampling Location	:	Khalna
Monitored by	:	Mr. Ankit Kumar
Test Method	:	IS 9989:1981(Reaffirmed Year 2020)

### Monitoring Report

Sl. No.	Noise Level dB(A)		Category of Area
	Day (Leqd)	Night (Leqn)	
1.	42.5	39.7	Silence Zone

### Standards of Noise Level

Sl. No.	Category of Area	Day dB (A)	Night dB (A)
1.	Industrial Area	75	70
2.	Commercial Area	65	55
3.	Residential Area	55	45
4.	Silence Zone	50	40

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Date of Monitoring	:	09.02.2024
Date of Reporting	:	05.03.2024
Sample Description	:	Noise Monitoring
Sampling Location	:	Malia West
Monitored by	:	Mr. Ankit Kumar
Test Method	:	IS 9989:1981(Reaffirmed Year 2020)

### Monitoring Report

Sl. No.	Noise Level dB(A)		Category of Area
	Day (Leqd)	Night (Leqn)	
1.	50.4	46.5	Commercial Area

### Standards of Noise Level

Sl. No.	Category of Area	Day dB (A)	Night dB (A)
1.	Industrial Area	75	70
2.	Commercial Area	65	55
3.	Residential Area	55	45
4.	Silence Zone	50	40

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

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Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Date of Monitoring	:	02.02.2024
Date of Reporting	:	05.03.2024
Sample Description	:	Noise Monitoring
Sampling Location	:	Mankur
Monitored by	:	Mr. Ankit Kumar
Test Method	:	IS 9989:1981(Reaffirmed Year 2020)

### Monitoring Report

Sl. No.	Noise Level dB(A)		Category of Area
	Day (Leqd)	Night (Leqn)	
1.	52.3	41.8	Commercial Area

### Standards of Noise Level

Sl. No.	Category of Area	Day dB (A)	Night dB (A)
1.	Industrial Area	75	70
2.	Commercial Area	65	55
3.	Residential Area	55	45
4.	Silence Zone	50	40

  
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 Analyzed by:



  
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 Quality Manager:

\*\*\*\*End of Report\*\*\*\*





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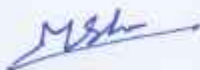
Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Monitoring	: 05.02.2024
Date of Reporting	: 05.03.2024
Sample Description	: Noise Monitoring
Sampling Location	: Kalyanpur
Monitored by	: Mr. Ankit Kumar
Test Method	: IS 9989:1981(Reaffirmed Year 2020)

### Monitoring Report

Sl. No.	Noise Level dB(A)		Category of Area
	Day (Leqd)	Night (Leqn)	
1.	46.7	38.2	Silence Zone

### Standards of Noise Level

Sl. No.	Category of Area	Day dB (A)	Night dB (A)
1.	Industrial Area	75	70
2.	Commercial Area	65	55
3.	Residential Area	55	45
4.	Silence Zone	50	40

  
 Manoranjan  
 Analyzed by:



  
 Gaja Nand Mallick  
 Quality Manager:

\*\*\*\*End of Report\*\*\*\*



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Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Date of Monitoring	:	09.02.2024
Date of Reporting	:	05.03.2024
Sample Description	:	Noise Monitoring
Sampling Location	:	Bagnan
Monitored by	:	Mr. Ankit Kumar
Test Method	:	IS 9989:1981(Reaffirmed Year 2020)

### Monitoring Report

Sl. No.	Noise Level dB(A)		Category of Area
	Day (Leqd)	Night (Leqn)	
1.	52.8	42.6	Commercial Area

### Standards of Noise Level

Sl. No.	Category of Area	Day dB (A)	Night dB (A)
1.	Industrial Area	75	70
2.	Commercial Area	65	55
3.	Residential Area	55	45
4.	Silence Zone	50	40

*Mst*

Manoranjan  
Analyzed by:



*Gaja Nand Mallick*  
Gaja Nand Mallick  
Quality Manager:

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Test Report No.: N240301C -07.



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Name & Address of the Customer	: Detergeo Chem (East) Private Limited
Date of Monitoring	: 03.02.2024
Date of Reporting	: 05.03.2024
Sample Description	: Noise Monitoring
Sampling Location	: Udang
Monitored by	: Mr. Ankit Kumar
Test Method	: IS 9989:1981(Reaffirmed Year 2020)

### Monitoring Report

Sl. No.	Noise Level dB(A)		Category of Area
	Day (Leqd)	Night (Leqn)	
1.	46.2	39.2	Residential Area

### Standards of Noise Level

Sl. No.	Category of Area	Day dB (A)	Night dB (A)
1.	Industrial Area	75	70
2.	Commercial Area	65	55
3.	Residential Area	55	45
4.	Silence Zone	50	40

  
Manoranjan  
Analyzed by:



  
Gaja Nand Mallick  
Quality Manager:

\*\*\*\*End of Report\*\*\*\*

Test Report No.: N240301C -08.



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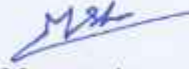
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Date of Monitoring	:	06.02.2024
Date of Reporting	:	05.03.2024
Sample Description	:	Noise Monitoring
Sampling Location	:	Bangalpur
Monitored by	:	Mr. Ankit Kumar
Test Method	:	IS 9989:1981(Reaffirmed Year 2020)

#### Monitoring Report

Sl. No.	Noise Level dB(A)		Category of Area
	Day (Leqd)	Night (Leqn)	
1.	44.5	38.1	Residential Area

#### Standards of Noise Level

Sl. No.	Category of Area	Day dB (A)	Night dB (A)
1.	Industrial Area	75	70
2.	Commercial Area	65	55
3.	Residential Area	55	45
4.	Silence Zone	50	40

  
Manoranjan  
Analyzed by:



  
Gaja Nand Mallick  
Quality Manager:

\*\*\*\*End of Report\*\*\*\*