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

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 Datergeo 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 http://www.mantecconsultants.com

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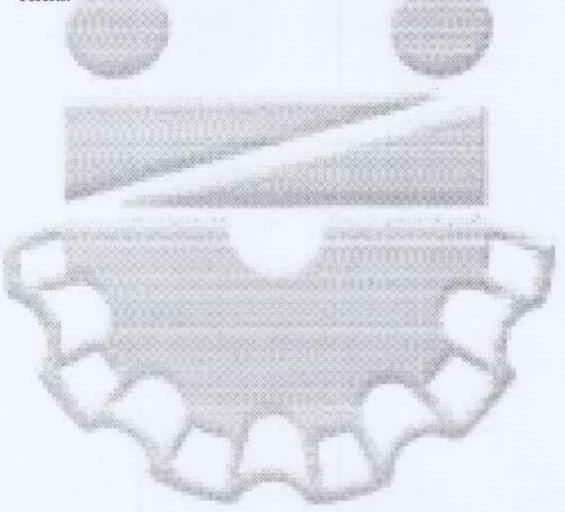
COMPANY PROFILE

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:

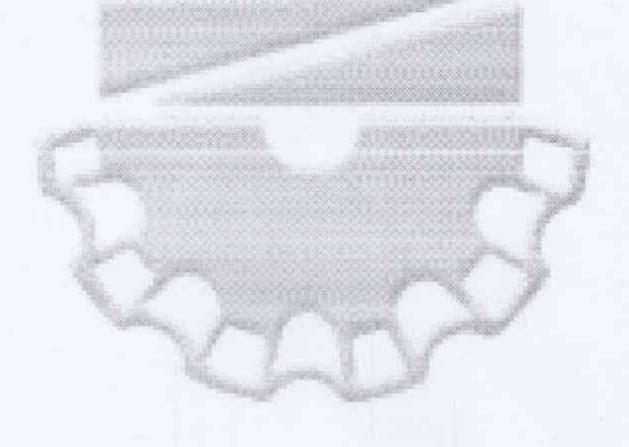
- Environmental Impact Assessment Studies and Environment Management Plans for all types of Infrastructure, Mining, Irrigation, River Valley Projects and Industrial Projects such as Power Plants, Refineries, Ports, Airports, Highways, Residential Colonies, Hazardous Waste Sites, Forestry and Rural Development Projects etc.
- 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.
- 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.
- Environmental monitoring of Air, Water, Noise, Soil, Solid and Hazardous Wastes for all the parameters for industrial emissions, industrial effluents, ambient air etc.
- Technology Evaluation and Norms Study in Waste Recycling Industry Distillery and Electroplating.
- 8. Risk Analysis and Disaster Management Plans.
- Waste Water Management Both domestic (sewage) and industrial.
- Ground & Surface Water Treatment and Supply for Rural and Urban Sectors.
- Design and implementation of Wastewater Treatment Plants including Common Effluent Treatment Plants.
- 12. Operation and Maintenance of Effluent Treatment Plants.
- Studies on River, Lake and Forest ecosystems.
- 14. Watershed and Waste land management.
- 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.
- Liasioning with State Pollution Control Boards and Ministry of Environment and Forests.



1.1.1 Table: Ambient Air Quality Monitoring Locations

SI. No.	Project	Monitoring Locations
1.		Project Site
2.		Khalna
3.		Malia West
4.	Environmental Monitoring of Detergeo Chem	Mankur
5.	(East) Private Limited	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	200	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.		MEL/MSP/7.3/P-01

TEST RESULTS

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	72	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m ³	42	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	23	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.78	02	IS 5182(Part-10):2019 NDIR spectroscopy

Manoranjan Analyzed by:

Seal of Lab:

Gaja Nand Mallick Quality Manager:

Notes:

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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
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TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	66	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	36	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	27	80	IS 5182(Part-6):2022
5.	со	mg/m³	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
ker, or Sampling Procedure No.	222	MEL/MSP/7.5/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	72	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m³	40	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	23	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

Manoranjan Analyzed by:



mHIE /

Gaja Nand Mallick Quality Manager:

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TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	66	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	34	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	18	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.65	02	IS 5182(Part-10):2019 NDIR spectroscopy

Manoranjan Analyzed by:

Seal of Lab:

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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.	200	The state of the s
	CONTRACTOR OF THE PARTY OF THE	Conception of the Marian

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	74	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m³	42	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	23	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.61	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Seal of Lab

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	1	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	1	Mr. Ankit Kumar
Environmental Condition at Lab		Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	120	

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	68	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	36	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	21	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.75	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	DUL E	Mr. Ankit Kumar
Environmental Condition at Lab	0.00	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 ₁₀	μg/m³	69	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	39	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	23	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.77	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	1:	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.	2 :	MEL/MSP/7.3/P-01

TEST RESULTS

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	78	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	44	60	IS 5182(Part-24):2019
3.	5O ₂	μg/m³	15	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	30	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.65	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	Sen it	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.		MEL/MSP/7.3/P-01

TEST RESULTS

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	72	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	38	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	µg/m³	25	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.91	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Seal of Lab:

Gaja Nand Mallick Quality Manager:

Notes:

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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.	1	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	76	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m³	40	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	27	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.75	02	IS 5182(Part-10):2019 NDIR spectroscopy

Manoranjan Analyzed by:

Seal of Lab

Gaja Nand Mallick Quality Manager:

Notes:

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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	1	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	0.00	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 ₁₀	μg/m³	70	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	40	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	22	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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.	4	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	66	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	36	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	20	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.66	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	Ambient Air
Sample Condition	:	OK
Start Date of Analysis	:	11.12.2023
End Date of Analysis	:	16.12.2023
Date of Reporting	1	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
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TEST RESULTS

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	64	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	34	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	23	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.93	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	:	A231211 36
Name & Address of the Customer	1	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 ₁₀	μg/m³	58	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	28	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	µg/m³	21	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.79	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	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	1	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 ₁₀	μg/m³	62	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	32	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	23	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.84	02	IS 5182(Part-10):2019 NDIR spectroscopy

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****End of Report****

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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	1	Ambient Air
Sample Condition	:	OK CONTRACTOR OF THE CONTRACTO
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

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	µg/m³	68	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	36	60	IS 5182(Part-24):2019
3.	5O ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	27	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.59	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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 33 THE STATE OF
Start Date of Analysis	:	18.12.2023
End Date of Analysis	:	23.12.2023
Date of Reporting	:	23.12.2023
Sampling Location	1	Project Site
Sample Submitted by		Mr. Ankit Kumar
Environmental Condition at Lab	160 (1	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	0.000	MEL/MSP/7.3/P-01

TEST RESULTS

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	74	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	44	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	25	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.84	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	1	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	- 1	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	1	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 ₁₀	μg/m³	78	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	42	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4,	NO ₂	μg/m³	21	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0,71	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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 ₁₀	μg/m³	69	100	IS 5182(Part-23):2022
2.	PM25	μg/m³	37	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	21	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	N:	23.12.2023
Date of Reporting	:	23.12.2023
Sampling Location		Khalna
Sample Submitted by	:	Mr. Ankit Kumar
Environmental Condition at Lab	SAME:	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 ₁₀	μg/m³	67	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	34	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	9	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	17	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	1	A231218 05
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	1	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	- 2	23.12.2023
Date of Reporting	;	23.12.2023
Sampling Location	:	Malia West
Sample Submitted by	:	Mr. Ankit Kumar
Environmental Condition at Lab	55.00	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_{10}	μg/m³	62	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	34	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	24	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.65	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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.	D :	

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	72	100	IS 5182(Part-23):2022
2.	PM _{2.5}	µg/m³	40	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	25	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.66	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	2	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 ₁₀	µg/m³	78	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	42	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	28	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.65	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	C 150 3	Mr. Ankit Kumar
Environmental Condition at Lab	:	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	LETT:	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	68	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	.38	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	25	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.67	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	:	A231218 09
Name & Address of the Customer	1	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	1	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 ₁₀	μg/m³	58	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	32	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	21	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.87	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1000	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	3	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	68	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	36	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	24	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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
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TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	60	100	IS 5182(Part-23):2022
2.	PM _{2,5}	μg/m³	33	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	16	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.86	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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 ₁₀	μg/m³	66	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	35	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	23	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.69	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	Ambient Air
Sample Condition	:	OK
Start Date of Analysis	:	18.12.2023
End Date of Analysis	1	23.12.2023
Date of Reporting		23.12.2023
Sampling Location	:	Udang
Sample Submitted by	:	Mr. Ankit Kumar
Environmental Condition at Lab	ESSE SE	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 ₁₀	μg/m³	60	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m³	35	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	22	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.63	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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 ₁₀	µg/m³	72	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	40	60 80 80	IS 5182(Part-24):2019 IS 5182(Part-2):2022 IS 5182(Part-6):2022
3.	SO ₂	μg/m³	14		
4.	NO ₂	µg/m³	27		
5.	CO	mg/m³ 0.86		02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	11.12.2023, 01:00 PM
Date of Receipt	:	18.12.2023
Sample Description	- 4	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	33.0	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.		A STATE OF THE STA

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	58	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	28	60	IS 5182(Part-24):2019
3.	5O ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	20	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.75	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	:	A231218 16
Name & Address of the Customer	;	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	- 1	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	3	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.	900	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	54	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	26	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	25	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.77	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	43	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

SI, No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	60	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	36	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	28	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.84	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	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 ₁₀	μg/m³	68	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m³	40	60	IS 5182(Part-24):2019
3.	SO ₂	µg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	22	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.67	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	1	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	(4)	25.12.2023
Sample Description	1:	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	150	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	1	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	62	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	36	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	24	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.69	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	:	A231225 04
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	1	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 ₁₀	μg/m³	64	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	38	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	19	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.58	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Notes:

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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	000	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 ₁₀	μg/m³	60	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	32	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	9	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	18	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Notes:

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Sample Identification	:	A231225 06
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	0.0	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	1	Ambient Air
Sample Condition	(1)	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	30 E	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	120	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	66	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m³	35	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	µg/m³	24	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.62	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Seal of Lab

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Sample Identification	:	A231225 07
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	1	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	1	Ambient Air
Sample Condition		OK
Start Date of Analysis		25.12.2023
End Date of Analysis	1	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 ₁₀	µg/m³	78	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	42	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	15	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	28	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.74	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	:	A231225 08
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	1	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 ₁₀	μg/m³	69	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	38	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	µg/m³	24	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	Kalyanpur
Sample Submitted by	;	Mr. Ankit Kumar
Environmental Condition at Lab	LI II	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 ₁₀	μg/m³	64	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	33	60.	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	22	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.81	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	66	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m³	35	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	25	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.79	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	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.	200	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	62	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	32	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m ³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	16	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.93	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	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	2	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 ₁₀	μg/m³	64	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	33	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	17	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.80	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	to the state of	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 ₁₀ μg/m ³		68	100	IS 5182(Part-23):2022	
2.	PM _{2.5} μg/	μg/m³	PM _{2.5} μg/m ³	μg/m³ 38	60	IS 5182(Part-24):2019
3,	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022	
4.	NO ₂	μg/m³	25	80	IS 5182(Part-6):2022	
5.	СО	mg/m³	0.91	02	IS 5182(Part-10):2019 NDIR spectroscopy	

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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	3	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	e e mesic	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 ₁₀	μg/m³	58	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	30	= 60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	20	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.94	02	IS 5182(Part-10):2019 NDIR spectroscopy

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:	A231225 15
:	Detergeo Chem (East) Private Limited
:	17.12.2023, 01:00 PM
;	18.12.2023, 01:00 PM
:	25.12.2023
:	Ambient Air
:	OK
	25.12.2023
:	30.12.2023
:	30.12.2023
- 4	Bangalpur
1	Mr. Ankit Kumar
	Temp. 25 ± 2 °C Humidity 50 ± 10 %
	MEL/MSP/7.3/P-01
	: : : : : : : : : : : : : : : : : : : :

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	µg/m³	72	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	36	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	15	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	30	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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 MANAGEMENT OF THE PROPERTY
Start Date of Analysis	:	25.12.2023
End Date of Analysis	:	30.12.2023
Date of Reporting	:	30.12.2023
Sampling Location	- Crust	Bangalpur
Sample Submitted by		Mr. Ankit Kumar
Environmental Condition at Lab	- X	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 ₁₀	μg/m³	64	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	34	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	21	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.81	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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.		

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	70	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	42	60	IS 5182(Part-24):2019
3.	5O ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	18	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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.		MEI/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	76	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	45	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	24	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.69	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	3	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 ₁₀	μg/m³	72	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m³	39	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m ³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	23	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.62	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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_{10}	μg/m³	70	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	35	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	25	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.84	02	IS 5182(Part-10):2019 NDIR spectroscopy

Manoranjan Analyzed by: Seal of Lab

Gaja Nard Mallick Quality Manager:

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Ref. of Sampling Procedure No.

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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 %

TEST RESULTS

MEL/MSP/7.3/P-01

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	76	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	38	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	26	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.67	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	10 12	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.		

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	66	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	33	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	22	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.74	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	:	A231230 07
Name & Address of the Customer		Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	1	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 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	3 mm :	

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	µg/m³	78	100	IS 5182(Part-23):2022
2.	PM _{2.5}	µg/m³	45	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	15	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	30	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.78	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	- 1	Mankur
Sample Submitted by		Mr. Ankit Kumar
Environmental Condition at Lab	4	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	1	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	68	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	36	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	26	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.62	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	3	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 ₁₀	μg/m³	62	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	31	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	24	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.65	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	SSAME.	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 ₁₀	μg/m³	70	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	39	. 60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	15	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	30	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.86	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1001	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 ₁₀	μg/m³	68	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	36	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	26	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.67	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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 ₁₀	μg/m³	72	100	IS 5182(Part-23):2022
2.	PM25	μg/m³	42	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	16	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	26	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0,64	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	ARRES	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	74	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	42	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	16	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	30	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.80	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	808385 S \$ 8	Mr. Ankit Kumar
Environmental Condition at Lab		Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	4	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	µg/m³	56	100	IS 5182(Part-23):2022
2.	PM _{2.5}	µg/m³	28	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	21	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.67	02	IS 5182(Part-10):2019 NDIR spectroscopy

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:	A231230 15
:	Detergeo Chem (East) Private Limited
	24.12.2023, 01:00 PM
:	25.12.2023, 01:00 PM
:	30.12.2023
:	Ambient Air
:	OK
:	30.12.2023
:	05.01.2024
:	05.01.2024
	Bangalpur
595	Mr. Ankit Kumar
	Temp. 25 ± 2 °C Humidity 50 ± 10 %
	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	66	100	IS 5182(Part-23):2022
2.	PM _{2,5}	μg/m³	36	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	23	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.64	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	:	A231230 16
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	1	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
	COLUMN TO SERVICE STATE OF THE PARTY OF THE	

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol	
1.	PM_{10}	μg/m³	68	100	IS 5182(Part-23):2022	
2.	PM _{2.5}	μg/m³	38	60	IS 5182(Part-24):2019	
3.	SO ₂	μg/m ³	13	80	IS 5182(Part-2);2022	
4.	NO ₂	μg/m³	22	-80	IS 5182(Part-6):2022	
5.	СО	mg/m³	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy	

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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@mantecconsultants.com http://www.mantecconsultants.com

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6.	Bagnan	15-16
7.	Udang	17-18
8.	Bangalpur	19-20
	Second Week	21-36
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
	Third Week	37-52
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
	Fourth Week	53-68
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:

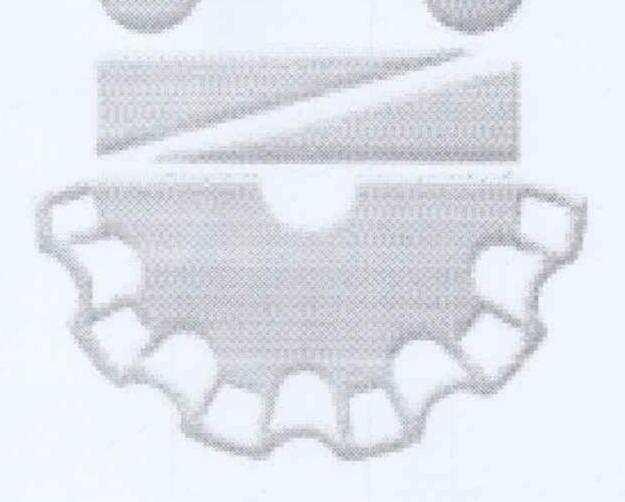
- Environmental Impact Assessment Studies and Environment Management Plans for all types of Infrastructure, Mining, Irrigation, River Valley Projects and Industrial Projects such as Power Plants, Refineries, Ports, Airports, Highways, Residential Colonies, Hazardous Waste Sites, Forestry and Rural Development Projects etc.
- 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.
- 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.
- Environmental monitoring of Air, Water, Noise, Soil, Solid and Hazardous Wastes for all the parameters for industrial emissions, industrial effluents, ambient air etc.
- 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.
- Design and implementation of Wastewater Treatment Plants including Common Effluent Treatment Plants.
- Operation and Maintenance of Effluent Treatment Plants.
- Studies on River, Lake and Forest ecosystems.
- 14. Watershed and Waste land management.
- 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.
- Liasioning with State Pollution Control Boards and Ministry of Environment and Forests.



1.1.1 Table: Ambient Air Quality Monitoring Locations

SI. No.	Project	Monitoring Locations
1.		Project Site
2.		Khalna
3.		Malia West
4.	Environmental Monitoring of Detergeo Chem	Mankur
5.	(East) Private Limited	Kalyanpur
6.		Bagnan
7.	4270716	Udang
8.	160976555500	Bangalpur





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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	S	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	:	and the state of t

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	70	100	IS 5182(Part-23):2022
2.	PM _{2.5}	µg/m³	42	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	21	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	0.6.00	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 ₁₀	μg/m³	74	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	44	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	19	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.74	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	A - 11 1	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 ₁₀	μg/m³	66	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	32	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	20	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.64	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	LAU &	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 ₁₀	μg/m³	64	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	32	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	21	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.67	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	2	15.01.2024
Date of Reporting		15.01.2024
Sampling Location		Malia West
Sample Submitted by	:	Mr. Ankit Kumar
Environmental Condition at Lab	1000	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	000	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	62	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m³	31	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	20	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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 ₁₀	μg/m³	61	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	30	60	IS 5182(Part-24):2019
3.	5O ₂	μg/m³	9	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	20	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	1	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.	147	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	66	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m³	35	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	24	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.86	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	100	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	200	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	74	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	40	60	IS 5182(Part-24):2019
3.	5O ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	27	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.71	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Notes:

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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.	100	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	69	100	IS 5182(Part-23):2022
2.	PM25	μg/m³	37	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	28	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.71	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1589	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 ₁₀	μg/m³	64	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	32	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	22	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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 ₁₀	μg/m³	58	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	30	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	16	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.84	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	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	1	Mr. Ankit Kumar
Environmental Condition at Lab		Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.		

TEST RESULTS

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	64	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	34	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m ³	20	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.85	02	IS 5182(Part-10):2019 NDIR spectroscopy

Manoranjan Analyzed by:



Gaja Nand Mallick Quality Manager:

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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	1	Udang
Sample Submitted by	:	Mr. Ankit Kumar
Environmental Condition at Lab	100	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 ₁₀	μg/m³	64	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	36	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	25	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.64	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	62	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	31	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	23	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.75	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	:	A240109 15
Name & Address of the Customer	1	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	430	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 ₁₀	μg/m³	70	100	IS 5182(Part-23):2022
2.	PM _{2.5}	µg/m³	40	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	16	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	32	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.62	02	IS 5182(Part-10):2019 NDIR spectroscopy

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****End of Report****

Gaja Nand Mallick

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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	1	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

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	68	100	IS 5182(Part-23):2022
2.	PM _{2.5}	µg/m³	38	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	15	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	29	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.75	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	:	MEL/MSP/7.3/P-01

TEST RESULTS

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM_{10}	μg/m³	64	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	38	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	23	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.86	02	IS 5182(Part-10):2019 NDIR spectroscopy

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:	A240116 02
:	Detergeo Chem (East) Private Limited
:	11.01.2024, 09:55 AM
	12.01.2024, 09:55 AM
:	16.01.2024
:	Ambient Air
;	OK
:	16.01.2024
:	22.01.2024
:	22.01.2024
;	Project Site
:	Mr. Ankit Kumar
	Temp. 25 ± 2 °C Humidity 50 ± 10 %
	MEL/MSP/7.3/P-01

TEST RESULTS

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	68	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	40	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	26	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.78	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	52	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	30	60	IS 5182(Part-24):2019
3,	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	24	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.64	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	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	1	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.		MEL/MSP/7.3/P-01
The second secon		Deliver South Parties.

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	58	100	IS 5182(Part-23):2022
2.	PM _{2.5}	µg/m³	34	60	IS 5182(Part-24):2019
3,	SO ₂	µg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	20	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.73	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	10000	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	W/ 1:	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	58	100	IS 5182(Part-23):2022
2.	PM ₂₅	µg/m³	28	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	21	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.69	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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 ₁₀	μg/m³	70	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	38	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	23	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.58	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	v. S week	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 ₁₀	μg/m³	68	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	34	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	21	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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 ₁₀	μg/m³	78	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	39	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	16	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	32	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.71	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Notes:

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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 ₁₀	μg/m³	62	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	31	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	21	80	IS 5182(Part-6):2022
5.	со	mg/m³	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	:	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	3376	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	18 S. I. S. I.	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	68	100	IS 5182(Part-23):2022
2.	PM2.5	μg/m ³	34	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	23	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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 STEEL STE
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	LEH L	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.		MEL/MSP/7.3/P-01

TEST RESULTS

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	58	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	28	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	22	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.67	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	3 5 5 5 A	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 ₁₀	μg/m³	62	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	30	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	16	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	22.01.2024
Date of Reporting	;	22.01.2024
Sampling Location	:	Udang
Sample Submitted by	:	Mr. Ankit Kumar
Environmental Condition at Lab	distributed in	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 ₁₀	μg/m³	71	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m³	42	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m ³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	27	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.94	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	:	A240116 14
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	1.	13.01.2024, 11:05 AM
End Date & Time of Sampling	:	14.01.2024, 11:05 AM
Date of Receipt	1	16.01.2024
Sample Description	:	Ambient Air
Sample Condition	:	OK
Start Date of Analysis	1	16.01.2024
End Date of Analysis	:	22.01.2024
Date of Reporting	1	22.01.2024
Sampling Location	4	Udang
Sample Submitted by		Mr. Ankit Kumar
Environmental Condition at Lab	100	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 ₁₀	μg/m³	62	100	IS 5182(Part-23);2022
2.	PM ₂₅	μg/m³	32	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	24	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	:	A240116 15
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	1	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	Liciti	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 ₁₀	μg/m³	66	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	27	60	IS 5182(Part-24):2019
3.	502	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	26	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.57	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	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	0.00	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	A CONTRACTOR	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	65	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	25	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	23	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.64	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	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 ₁₀	μg/m³	76	100	IS 5182(Part-23):2022
2.	PM25	µg/m³	45	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	15	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	30	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.97	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	:	1 -14/54
Environmental Condition at Lab	0.50	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.		THE PARTY OF THE P

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	78	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	40	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	27	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.84	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	Mr. Ankit Kumar
Environmental Condition at Lab	454	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 ₁₀	μg/m³	64	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m³	32	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	25	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.71	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	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

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	70	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	38	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	9	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	18	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.67	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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 ₁₀	μg/m³	68	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	37	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	21	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	Ambient Air
Sample Condition	:	OK SEE STILL
Start Date of Analysis	- 3	23.01.2024
End Date of Analysis	:	29.01.2024
Date of Reporting		29.01.2024
Sampling Location	control do	Malia West
Sample Submitted by		Mr. Ankit Kumar
Environmental Condition at Lab	883 3	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 ₁₀	μg/m³	62	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	31	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	9	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	17	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.74	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	a de la constante	Mankur
Sample Submitted by	8000	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

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	72	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	40	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	25	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	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 ₁₀	µg/m³	66	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	35	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	21	80	IS 5182(Part-6):2022
5.	СО	mg/m³	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	:	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

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	70	100	IS 5182(Part-23):2022
2.	PM ₂₅	µg/m³	39	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	26	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.81	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	0000	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 ₁₀	μg/m³	68	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	36	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	25	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.79	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	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	665 B	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 ₁₀	μg/m³	66	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	34	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	17	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	23.01.2024
Sample Description	:	Ambient Air
Sample Condition	:	OK
Start Date of Analysis		23.01.2024
End Date of Analysis	1	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.	PM10	μg/m³	58	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m³	30	60	IS 5182(Part-24):2019
3.	SO ₂	µg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	15	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.78	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	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_{10}	μg/m³	68	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	35	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	15	80	IS 5182(Part-2):2022
4.	NO ₂	µg/m³	30	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.79	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	OK
Start Date of Analysis		23.01.2024
End Date of Analysis	:	29.01.2024
Date of Reporting	:	29.01.2024
Sampling Location	1	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 ₁₀	μg/m³	65	100	IS 5182(Part-23):2022
2.	PM _{2.5}	µg/m³	33	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	26	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

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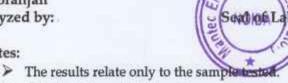
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Sample Identification	:	A240123 15
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	:	17.01.2024, 01:00 PM
Start Date & Time of Sampling	;	18.01.2024, 01:00 PM
Date of Receipt	:	23.01.2024
Sample Description	:	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	ckout.	Bangalpur
Sample Submitted by		Mr. Ankit Kumar
Environmental Condition at Lab	0	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	1	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	68	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	36	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	27	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.78	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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 ₁₀	μg/m³	69	100	IS 5182(Part-23):2022
2.	PM ₂₅	µg/m³	37	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	15	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m ³	28	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.74	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	950	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	25	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	76	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	45	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	26	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.86	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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 ₁₀	μg/m³	64	100	IS 5182(Part-23):2022
2,	PM _{2.5}	μg/m³	42	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	23	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.67	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	:	A240130 03
Name & Address of the Customer	4	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	1	30.01.2024
End Date of Analysis	1	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 ₁₀	μg/m³	72	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	42	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	23	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.69	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	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 ₁₀	μg/m³	62	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	34	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	27	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

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:	A240130 05
:	Detergeo Chem (East) Private Limited
;	22.01.2024, 09:55 AM
:	23.01.2024, 09:55 AM
:	30.01.2024
:	Ambient Air
:	OK
:	30.01.2024
:	05.02.2024
:	05.02.2024
:	Malia West
:	Mr. Ankit Kumar
	Temp. 25 ± 2 °C Humidity 50 ± 10 %
:	MEL/MSP/7.3/P-01
	: : : : : : : : : : : : : : : : : : : :

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM_{10}	μg/m³	60	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	32	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	20	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Gaja Wand Mallick Quality Manager:

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Sample Identification	:	A240130 06
Name & Address of the Customer	1	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 ₁₀	μg/m³	65	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	35	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	25	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	4	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	9200	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	74	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	42	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	24	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.75	02	IS 5182(Part-10):2019 NDIR spectroscopy

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:	A240130 08
:	Detergeo Chem (East) Private Limited
:	26.01.2024, 01:05 PM
	27.01.2024, 01:05 PM
:	30.01.2024
:	Ambient Air
:	OK
:	30.01.2024
:	05.02.2024
:	05.02.2024
	Mankur
	Mr. Ankit Kumar
	Temp. 25 ± 2 °C Humidity 50 ± 10 %
STEPS TO	MEL/MSP/7.3/P-01
	: : : : : : : : : : : : : : : : : : : :

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	68	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	35	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	21	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.65	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	:	A240130 09
Name & Address of the Customer	1:	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 ₁₀	μg/m³	70	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	38	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	15	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	32	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.83	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	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	1	Mr. Ankit Kumar
Environmental Condition at Lab	1	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	1010	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	72	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	40	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	27	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.77	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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 ₁₀	μg/m³	72	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m³	40	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	22	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0,68	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	-1	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.	200	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	64	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	. 34	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	20	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.63	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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
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TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	67	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	34	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	24	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.66	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	Ambient Air
Sample Condition	:	OK
Start Date of Analysis		30.01.2024
End Date of Analysis	1	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.	1	MEL/MSP/7.3/P-01

TEST RESULTS

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	µg/m³	61	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	32	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	23	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.57	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	- 1	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	4 8 8 10	Mr. Ankit Kumar
Environmental Condition at Lab	0.000	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.		MEL/MSP/7.3/P-01

TEST RESULTS

51. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	µg/m³	58	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	29	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	26	80	IS 5182(Part-6):2022
5.	co	mg/m³	0.77	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	:	A240130 16	
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited	
Start Date & Time of Sampling	1	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.	2000	MEL/MSP/7,3/P-01	

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	60	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	32	60	IS 5182(Part-24):2019
3.	5O ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	28	- 80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.78	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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/2023-24/03

February, 2024



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 http://www.mantecconsultants.com

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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.

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- 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.
- 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.
- 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.
- Environmental & Social Issues and screening of Infrastructural Projects
- 5. Safety Audits & Environmental Audits with Energy Conservation Aspects.
- Environmental monitoring of Air, Water, Noise, Soil, Solid and Hazardous Wastes for all the parameters for industrial emissions, industrial effluents, ambient air etc.
- Technology Evaluation and Norms Study in Waste Recycling Industry Distillery and Electroplating.
- 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.
- Design and implementation of Wastewater Treatment Plants including Common Effluent Treatment Plants.
- Operation and Maintenance of Effluent Treatment Plants.
- Studies on River, Lake and Forest ecosystems.
- 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.
- Liasioning with State Pollution Control Boards and Ministry of Environment and Forests.

1.1.1 Table: Ambient Air Quality Monitoring Locations

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

1.1.2 Table: Ground Water Quality Monitoring Locations

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

1.1.3 Table: Surface Water Quality Monitoring Locations

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

1.1.4 Table: Soil Monitoring Locations

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

1.1.5 Table: Noise Monitoring Locations

Sl. No.	Project	Monitoring Locations
1.		Project Site
2.		Khalna
3.		Malia West
4.	Environmental Monitoring of Detergeo Chem	Mankur
5.	(East) Private Limited	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	1	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	- 3	15.02.2024
Sampling Location	3	Project Site
Sample Submitted by	- 3	Mr. Ankit Kumar
Environmental Condition at Lab	1	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.		MEL/MSP/7.3/P-01

TEST RESULTS

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM_{10}	μg/m³	72	100	IS 5182(Part-23):2022
2.	PM _{2.5}	µg/m³	38	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	25	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.69	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification		A240209 02
Name & Address of the Customer	1	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	- 1	09.02.2024
Sample Description	- 3	Ambient Air
Sample Condition	12	OK
Start Date of Analysis		09.02.2024
End Date of Analysis	:	15.02.2024
Date of Reporting		15.02.2024
Sampling Location	- 1	Project Site
Sample Submitted by	- 3	Mr. Ankit Kumar
Environmental Condition at Lab	- 4	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	1	MEL/MSP/7.3/P-01

TEST RESULTS

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	74	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	36	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	29	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	100	A240209 03
Name & Address of the Customer	1	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	100	09.02.2024
Sample Description	- 1	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	140	Khalna
Sample Submitted by	120	Mr. Ankit Kumar
Environmental Condition at Lab	(4)	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_{10}	μg/m³	68	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	36	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	23	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.58	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	3	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_{10}	μg/m ³	64	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	31	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	18	80	IS-5182(Part-6):2022
5.	CO	mg/m³	0.89	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	- 1	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	1	02.02.2024, 09:55 AM
Date of Receipt	1	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	0.	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
	AND DESCRIPTION OF THE PERSON NAMED IN	The state of the s

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM10	μg/m³	69	100	IS 5182(Part-23):2022
2,	PM ₂₅	μg/m³	37	60	IS 5182(Part-24):2019
3.	502	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	28	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

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	A240209 06
	Detergeo Chem (East) Private Limited
	04.02.2024, 11:05 AM
:	05.02.2024, 11:05 AM
	09.02.2024
	Ambient Air
3	OK
3	09.02.2024
	15.02.2024
	15.02.2024
	Malia West
- 4	Mr. Ankit Kumar
	Temp. 25 ± 2 °C Humidity 50 ± 10 %
- 1	MEL/MSP/7.3/P-01
	: : : : : : : : : : : : : : : : : : :

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	70	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	40	60	IS 5182(Part-24):2019
3.	5O ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m ³	26	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.83	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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.	- 1	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol	
1.	PM_{10}	μg/m³	66	100	IS 5182(Part-23):2022	
2.	PM _{2.5}	μg/m³	34	34	60	IS 5182(Part-24):2019
3.	SO ₂	µg/m³	10	80	IS 5182(Part-2):2022	
4.	NO ₂	μg/m³	18	80	IS 5182(Part-6):2022	
5.	CO	mg/m³	0.67	02 .	IS 5182(Part-10):2019 NDIR spectroscopy	

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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	1	06.02.2024, 10:05 AM
Date of Receipt	:	09.02.2024
Sample Description	- 4	Ambient Air
Sample Condition	:	OK
Start Date of Analysis		09.02.2024
End Date of Analysis		15.02.2024
Date of Reporting	1	15.02.2024
Sampling Location		Mankur
Sample Submitted by		Mr. Ankit Kumar
Environmental Condition at Lab	- 4	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 ₁₀	μg/m³	76	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m ³	43	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	µg/m³	27	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.74	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	4	03.02.2024, 10:10 AM
Date of Receipt	100	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 ₁₀	μg/m³	76	100	IS 5182(Part-23):2022
2.	PM25	μg/m³	42	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	16	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	31	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

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:	A240209 10
:	Detergeo Chem (East) Private Limited
1	05.02.2024, 09:55 AM
:	06.02.2024, 09:55 AM
1	09.02.2024
:	Ambient Air
:	OK
	09.02.2024
:	15.02.2024
	15.02.2024
- 1	Kalyanpur
	Mr. Ankit Kumar
	Temp. 25 ± 2 °C Humidity 50 ± 10 %
	MEL/MSP/7.3/P-01

TEST RESULTS

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM10	μg/m³	66	100	IS 5182(Part-23):2022
2.	PM25	μg/m³	34	60	IS 5182(Part-24):2019
3.	502	µg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	µg/m³	23	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.83	02	IS 5182(Part-10):2019 NDIR spectroscopy

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****End of Report****

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1	A240209 11
1	Detergeo Chem (East) Private Limited
	02.02.2024, 09:55 AM
	03.02.2024, 09:55 AM
	09.02.2024
3.	Ambient Air
:	OK
	09.02.2024
- 3	15.02.2024
	15.02.2024
1	Bagnan
- 1	Mr. Ankit Kumar
	Temp. 25 ± 2 °C Humidity 50 ± 10 %
	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	62	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	33	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	µg/m³	16	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.86	02	IS 5182(Part-10);2019 NDIR spectroscopy

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Sample Identification	1	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	- 3	09.02.2024
Sample Description	13	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	72	Bagnan
Sample Submitted by	3.	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 ₁₀	μg/m³	70	100	IS 5182(Part-23):2022
2.	PM2.5	μg/m³	41	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m ³	13	80	IS 5182(Part-2):2022
4.	NO ₂	µg/m³	23	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.91	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 13
Name & Address of the Customer	- 3	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	- 1	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.	1	

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM10	μg/m³	60	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	33	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	18	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.84	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Notes:

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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	- 3	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	- 1	Mr. Ankit Kumar
Environmental Condition at Lab	- 4	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	12	MEL/MSP/7.3/P-01

TEST RESULTS

			A SULF E ANDICE		
SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM_{10}	µg/m³	68	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	36	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	25	80	IS 5182(Part-6):2022
5,	СО	mg/m³	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

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:	Detergeo Chem (East) Private Limited 03.02.2024, 01:00 PM 04.02.2024, 01:00 PM 09.02.2024	
-	03.02.2024, 01:00 PM 04.02.2024, 01:00 PM	
:	AND	
:	09.02.2024	
-	COLUMN TO A STATE OF THE STATE	
:	Ambient Air	
:	OK	
:	09.02.2024	
	15.02.2024	
:	15.02.2024	
	Bangalpur	
:	Mr. Ankit Kumar	
0	Temp. 25 ± 2 °C Humidity 50 ± 10 %	
:		
	: : : : : : : : : : : : : : : : : : : :	: Ambient Air : OK : 09.02,2024 : 15.02,2024 : 15.02,2024 : Bangalpur : Mr. Ankit Kumar : Temp. 25 ± 2 °C Humidity 50 ± 10 %

TEST RESULTS

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	58	100	IS 5182(Part-23):2022
2.	PM25	μg/m³	30	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	$\mu g/m^3$	25	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.77	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	- 13	09.02.2024
Sample Description	3	Ambient Air
Sample Condition	1	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 ₁₀	μg/m³	63	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	31	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	21	80	IS 5182(Part-6):2022
5,	CO	mg/m³	0.71	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification		A240216 01
Name & Address of the Customer	1	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	- 1	Ambient Air
Sample Condition	1	OK
Start Date of Analysis	1	16.02.2024
End Date of Analysis	- 4	22.02.2024
Date of Reporting	- 1	22.02.2024
Sampling Location	:	Project Site
Sample Submitted by	:	Mr. Ankit Kumar
Environmental Condition at Lab	- 1	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	3	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM_{10}	μg/m³	66	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	34	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂ μg/m ³	μg/m³	20	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.58	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1 2	22.02.2024
Sampling Location	1	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_{10}	μg/m³	76	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m³	45	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	25	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.89	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification		A240216 03
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	1	08.02.2024, 09:55 AM
End Date & Time of Sampling	2	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	- 4	
Sampling Location	12	Khalna
Sample Submitted by		Mr. Ankit Kumar
Environmental Condition at Lab	1	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	1	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM_{10}	μg/m³	62	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	30	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	20	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.69	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification		A240216 04
Name & Address of the Customer	- 1:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling		11.02.2024, 09:55 AM
End Date & Time of Sampling	4	12.02.2024, 09:55 AM
Date of Receipt	1	16.02.2024
Sample Description	- 3	Ambient Air
Sample Condition		OK
Start Date of Analysis	:	16.02.2024
End Date of Analysis		22.02.2024
Date of Reporting	12	22.02.2024
Sampling Location		Khalna
Sample Submitted by		Mr. Ankit Kumar
Environmental Condition at Lab	1	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.	PM10	μg/m³	70	100	IS 5182(Part-23):2022
2.	PM25	μg/m³	36	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m ³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	25	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	1	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.	:	The state of the s

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM_{10}	μg/m³	76	100	IS 5182(Part-23):2022
2.	PM24	μg/m ³	44	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	15	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	30	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.76	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	10	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.		

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	64	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	34	60	IS 5182(Part-24):2019
3.	502	μg/m³	9	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	19	80	IS 5182(Part-6):2022
5.	co	mg/m ³	0.81	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	1	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	1	22.02.2024
Date of Reporting	- 1:	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
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TEST RESULTS

Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
PM ₁₀	μg/m³	78	100	IS 5182(Part-23):2022
PM _{2.5}	μg/m³	44	60	IS 5182(Part-24):2019
SO ₂	μg/m ³	14	80	IS 5182(Part-2):2022
NO ₂	$\mu g/m^3$	28	80	IS 5182(Part-6):2022
CO	mg/m³	0.54	02	IS 5182(Part-10):2019 NDIR spectroscopy
	PM ₁₀ PM _{2.5} SO ₂ NO ₂	Parameter Measurements PM ₁₀ μg/m³ PM _{2.5} μg/m³ SO ₂ μg/m³ NO ₂ μg/m³	Parameter Measurements Value PM ₁₀ μg/m³ 78 PM _{2.5} μg/m³ 44 SO ₂ μg/m³ 14 NO ₂ μg/m³ 28	Parameter Measurements Value Limits PM_{10} $μg/m^3$ 78 100 PM_{25} $μg/m^3$ 44 60 SO_2 $μg/m^3$ 14 80 NO_2 $μg/m^3$ 28 80

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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	- 1	16.02.2024
Sample Description	1	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	- 1:	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_{10}	μg/m³	68	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	34	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m ³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	24	80	15 5182(Part-6):2022
5.	CO	mg/m³	0.86	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	1	A240216 09
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	- 1	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	20 2	22.02.2024
Sampling Location		Kalyanpur
Sample Submitted by	2	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 ₁₀	μg/m³	64	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	32	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	21	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	1	A240216 10
Name & Address of the Customer	1	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	2	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_{10}	μg/m³	73	100	IS 5182(Part-23):2022
2.	PM2.5	μg/m³	39	60	IS 5182(Part-24):2019
3.	SO ₂	µg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	µg/m³	27	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Gaja Nand Mallick Quality Manager:

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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	1	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 ₁₀	μg/m³	68	100	IS 5182(Part-23):2022
2.	PM2.5	μg/m³	38	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	16	80	IS 5182(Part-6):2022
5,	СО	mg/m³	0.94	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	2	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	1	Ambient Air
Sample Condition	:	OK
Start Date of Analysis		16.02.2024
End Date of Analysis		22,02,2024
Date of Reporting	- 1	22.02.2024
Sampling Location	- 4	Bagnan
Sample Submitted by		Mr. Ankit Kumar
Environmental Condition at Lab	- 3	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	1	MEL/MSP/7.3/P-01

TEST RESULTS

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	75	100	IS 5182(Part-23):2022
2.	PM2.5	μg/m³	46	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m ³	16	80	IS 5182(Part-2):2022
4.	NO ₂	µg/m³	17	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.80	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification		A240216 13
Name & Address of the Customer	1	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 ₁₀	μg/m³	62	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	32	60	IS 5182(Part-24):2019
3.	SO ₂	$\mu g/m^3$	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m ³	23	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.74	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	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	12	Mr. Ankit Kumar
Environmental Condition at Lab	10	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 ₁₀	μg/m³	66	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m³	34	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m ³	13	80	IS 5182(Part-2):2022
4,	NO ₂	μg/m³	27	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.66	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	1	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	- 1	16.02.2024
Sample Description	:	Ambient Air
Sample Condition	30	OK
Start Date of Analysis	120	16.02.2024
End Date of Analysis	4	22.02.2024
Date of Reporting		22.02.2024
Sampling Location		Bangalpur
Sample Submitted by	:	Mr. Ankit Kumar
Environmental Condition at Lab	100	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	- 1	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM10	μg/m³	64	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	32	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	24	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.89	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	4:	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 ₁₀	µg/m³	68	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	36	60	IS 5182(Part-24):2019
3.	SO ₂	µg/m³	15	80	IS 5182(Part-2);2022
4.	NO ₂ μg/m ³	NO ₂ μg/m ³ 2	28	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.76	02	IS 5182(Part-10):2019 NDIR spectroscopy

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- 2	
	Detergeo Chem (East) Private Limited
:	15.02.2024, 09:55 AM
	16.02.2024, 09:55 AM
:	23.02.2024
:	Ambient Air
:	OK
1	23.02.2024
	29.02.2024
:	29.02.2024
	Project Site
:	Mr. Ankit Kumar
	Temp. 25 ± 2 °C Humidity 50 ± 10 %
:	MEL/MSP/7.3/P-01
	: : : : : : : : : : : : : : : : : : : :

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m ³	65	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m³	34	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m ³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m ³	20	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.72	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	1	A240223 02.
Name & Address of the Customer	1	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	1	Ambient Air
Sample Condition	:	OK
Start Date of Analysis	:	23.02.2024
End Date of Analysis	- 1	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.	1	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	67	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m³	35	60	IS 5182(Part-24):2019
3.	SO ₂	µg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	21	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.60	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	. 1	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_{10}	μg/m³	72	100	IS 5182(Part-23):2022
2.	PM _{2,5}	μg/m³	38	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	26	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.81	02	IS 5182(Part-10):2019 NDIR spectroscopy

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1	A240223 04
	Detergeo Chem (East) Private Limited
	18.02.2024, 10:10 AM
:	19.02.2024, 10:10 AM
:	23.02.2024
	Ambient Air
:	OK
- :	23.02.2024
	29.02.2024
	29.02.2024
1	Khalna
1	Mr. Ankit Kumar
1	Temp. 25 ± 2 °C Humidity 50 ± 10 %

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM_{10}	μg/m³	64	100	IS 5182(Part-23):2022
2.	PM2.5	μg/m³	33	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	25	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.88	02	IS 5182(Part-10):2019 NDIR spectroscopy

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:	A240223 05
:	Detergeo Chem (East) Private Limited
:	15.02.2024, 09:55 AM
- 1	16.02.2024, 09:55 AM
:	23.02.2024
:	Ambient Air
:	OK
:	23.02.2024
	29.02.2024
:	29.02.2024
:	Malia West
1	Mr. Ankit Kumar
:	Temp. 25 ± 2 °C Humidity 50 ± 10 %
:	MEL/MSP/7.3/P-01
	: : : : : : : : : : : : : : : : : : : :

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	68	100	IS 5182(Part-23):2022
2.	PM2.5	μg/m³	36	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	18	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.83	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	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

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	69	100	IS 5182(Part-23):2022
2.	PM _{2.5}	µg/m³	35	60	IS 5182(Part-24):2019
3,	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	23	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.79	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	- 1	17.02.2024, 10:05 AM
Date of Receipt	:	23.02.2024
Sample Description	1	Ambient Air
Sample Condition	:	OK
Start Date of Analysis	1	23.02.2024
End Date of Analysis	:	29.02.2024
Date of Reporting		29.02.2024
Sampling Location		Mankur
Sample Submitted by	- 2	Mr. Ankit Kumar
Environmental Condition at Lab	3	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 ₁₀	μg/m³	78	100	IS 5182(Part-23):2022
2.	PM _{2.5}	µg/m³	40	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	15	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	29	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.76	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	1	A240223 08
Name & Address of the Customer	11	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 ₁₀	μg/m³	69	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m³	37	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	23	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.71	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	:	A240223 09			
Name & Address of the Customer	1	Detergeo Chem (East) Private Limited			
Start Date & Time of Sampling		16.02.2024, 10:10 AM			
End Date & Time of Sampling	1	17.02.2024, 10:10 AM			
Date of Receipt	1	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	1	Kalyanpur			
Sample Submitted by	1	Mr. Ankit Kumar			
Environmental Condition at Lab		Temp. 25 ± 2 °C Humidity 50 ± 10 %			
Ref. of Sampling Procedure No.		The state of the s			

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	µg/m³	72	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	38	60	IS 5182(Part-24):2019
3,	SO ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	28	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	- 1	23.02.2024
End Date of Analysis		29.02.2024
Date of Reporting	:	29.02.2024
Sampling Location	1	Kalyanpur
Sample Submitted by	1	Mr. Ankit Kumar
Environmental Condition at Lab	1	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	2	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	65	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	35	60	IS 5182(Part-24):2019
3.	SO ₂	µg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	22	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.84	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification		A240223 11
Name & Address of the Customer	1	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	1	16.02.2024, 09:55 AM
End Date & Time of Sampling	:	17.02.2024, 09:55 AM
Date of Receipt	1	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 ₁₀	μg/m³	62	100	IS 5182(Part-23):2022
2,	PM _{2.5}	μg/m³	38	60	15 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	26	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.67	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	1	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	- 1	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	1	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 ₁₀	μg/m³	68	100	IS 5182(Part-23):2022
2.	PM2.5	µg/m³	37	60	IS 5182(Part-24):2019
3.	SO ₂	µg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	µg/m³	20	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.82	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	- 12	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	12	23.02.2024
Sample Description	:	Ambient Air
Sample Condition	:	OK
Start Date of Analysis	1	23.02.2024
End Date of Analysis		29.02.2024
Date of Reporting	:	29.02.2024
Sampling Location	1	Udang
Sample Submitted by	- 4	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 ₁₀	μg/m³	74	100	IS 5182(Part-23):2022
2.	PM25	μg/m³	41	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	15	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	28	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.69	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	21.02.2024, 11:05 AM
Date of Receipt	:	23.02.2024
Sample Description		Ambient Air
Sample Condition	:	OK
Start Date of Analysis	. 1	23.02.2024
End Date of Analysis	:	29.02.2024
Date of Reporting	1	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 ₁₀	μg/m³	70	100	IS 5182(Part-23):2022
2.	PM _{2.5}	µg/m³	40	60	IS 5182(Part-24):2019
3.	5O ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	26	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.74	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	1	A240223 15
Name & Address of the Customer	3	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	- 1	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
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TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1,	PM ₁₀	μg/m³	72	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m³	42	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	30	80	IS 5182(Part-6):2022
5,	CO	mg/m³	0.68	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	- 4	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	1	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 ₁₀	μg/m³	70	100	IS 5182(Part-23):2022
2.	PM25	μg/m³	34	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	21	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.64	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	- 3	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

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	76	100	IS 5182(Part-23):2022
2,	PM _{2.5}	μg/m³	45	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m ³	16	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	30	80	IS 5182(Part-6):2022
5,	CO	mg/m³	0.83	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1	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	1	05.03.2024
Date of Reporting	1	05.03.2024
Sampling Location	2	Project Site
Sample Submitted by	2	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 ₁₀	μg/m³	60	100	IS 5182(Part-23):2022
2.	PM2.5	μg/m³	36	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	24	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.74	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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 ₁₀	μg/m³	68	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	37	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	27	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.94	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	12	01.03.2024
Sample Description	1	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_{10}	μg/m ³	65	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	34	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	22	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.76	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	1	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	1	01.03.2024
Sample Description	- 1	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	1	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

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	76	100	IS 5182(Part-23):2022
2.	PM2.5	μg/m³	42	60	IS 5182(Part-24):2019
3.	502	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	25	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.83	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification		A240301 06
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Start Date & Time of Sampling	- 1	25.02.2024, 11:05 AM
End Date & Time of Sampling	:	26.02.2024, 11:05 AM
Date of Receipt	- 4	01.03.2024
Sample Description	1	Ambient Air
Sample Condition	- 3	OK
Start Date of Analysis	:	01.03.2024
End Date of Analysis	1	05.03.2024
Date of Reporting	:	05.03.2024
Sampling Location		Malia West
Sample Submitted by	:	Mr. Ankit Kumar
Environmental Condition at Lab	1	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 ₁₀	μg/m³	60	100	IS 5182(Part-23):2022
2.	PM2.5	μg/m ³	31	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m ³	11	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	22	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.85	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Notes:

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Sample Identification		A240301 07
Name & Address of the Customer	- 1:	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	1	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_{10}	μg/m³	78	100	IS 5182(Part-23):2022
2.	PM ₂₅	μg/m³	42	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	15	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	28	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.69	02	IS 5182(Part-10):2019 NDIR spectroscopy

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:	A240301 08
1	Detergeo Chem (East) Private Limited
:	26.02.2024, 01:05 PM
	27.02.2024, 01:05 PM
:	01.03.2024
:	Ambient Air
1	OK
:	01.03.2024
:	05.03.2024
:	05.03.2024
:	Mankur
	Mr. Ankit Kumar
:	Temp. 25 ± 2 °C Humidity 50 ± 10 %
:	MEL/MSP/7.3/P-01
	: : : : : : : : : : : : : : : : : : : :

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	74	100	IS 5182(Part-23):2022
2.	PM _{2.5}	µg/m³	41	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	14	80	IS 5182(Part-2):2022
4.	NO ₂	$\mu g/m^3$	28	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.81	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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.	:	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM_{10}	μg/m³	67	100	IS 5182(Part-23):2022
2.	PM _{2,5}	µg/m³	34	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	21	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.76	02	IS 5182(Part-10):2019 NDIR spectroscopy

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****End of Report****

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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	1	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	10	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.	PM10	μg/m³	60	100	IS 5182(Part-23):2022
2.	PM25	μg/m³	31	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	24	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.71	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	3	Ambient Air
Sample Condition	:	OK
Start Date of Analysis	- 1	01.03.2024
End Date of Analysis		05.03.2024
Date of Reporting		05.03.2024
Sampling Location		Bagnan
Sample Submitted by	1	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

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM10	μg/m³	79	100	IS 5182(Part-23):2022
2.	PM _{2.5}	µg/m³	42	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	15	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	23	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.86	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	3	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	1	01.03.2024	
End Date of Analysis		05.03.2024	
Date of Reporting	I	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 ₁₀	μg/m³	63	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	35	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	12	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	17	80	IS 5182(Part-6):2022
5.	со	mg/m³	0.83	02	IS 5182(Part-10);2019 NDIR spectroscopy

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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	10	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	1	Udang
Sample Submitted by	2	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 ₁₀	μg/m³	64	100	IS 5182(Part-23):2022
2,	PM _{2.5}	μg/m³	36	60	IS 5182(Part-24):2019
3.	SO ₂	µg/m³	11	80	IS 5182(Part-2):2022
4.	NO ₂	µg/m³	21	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.75	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	- 1	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	. 1	01.03.2024
End Date of Analysis	:	05.03.2024
Date of Reporting	:	05.03.2024
Sampling Location	- 1	Udang
Sample Submitted by		Mr. Ankit Kumar
Environmental Condition at Lab		Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	- 1	MEL/MSP/7.3/P-01

TEST RESULTS

SI. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m³	62	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	32	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	20	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.77	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	2:	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	1	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	1	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	1	MEL/MSP/7.3/P-01

TEST RESULTS

Sl. No.	Parameter	Units of Measurements	Value	Prescribed Limits	Protocol
1.	PM ₁₀	μg/m ^a	61	100	IS 5182(Part-23):2022
2.	PM25	μg/m³	32	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	10	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	20	80	IS 5182(Part-6):2022
5.	СО	mg/m³	0.69	02	IS 5182(Part-10):2019 NDIR spectroscopy

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Sample Identification	:	A240301 16
Name & Address of the Customer	- 1	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	1	Ambient Air
Sample Condition	1	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 ₁₀	μg/m³	64	100	IS 5182(Part-23):2022
2.	PM _{2.5}	μg/m³	34	60	IS 5182(Part-24):2019
3.	SO ₂	μg/m³	13	80	IS 5182(Part-2):2022
4.	NO ₂	μg/m³	26	80	IS 5182(Part-6):2022
5.	CO	mg/m³	0.75	02	IS 5182(Part-10):2019 NDIR spectroscopy

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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	1.8	Ground Water
Sample Condition		Ok
Start Date of Analysis	200	21.02.2024
End Date of Analysis		27.02.2024
Date of Reporting	1	27.02.2024
Sampling Location		Project Site
Sample Collected By	8	Mr. Ankit Kumar
Environmental Condition at Lab	1	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	1.	MEL/MSP/7.3/P-01

TEST RESULTS

SI. 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	2 6 9	7.65	6.5-8.5	No relaxation	IS 3025(Part-11):2022
5.	Temperature	oC	22	1000		IS 3025(Part-19):2017
6.	Conductivity	µmhos/cm	717	****		IS 3025(Part-14):2019
7.	Alkalinity as CaCO3	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 ₃	mg/1	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/I	27.21	30	100	15 3025(Part-46):2019
12.	Chloride as Cl	mg/l	98	250	1000	IS 3025(Part-32):2019
13.	Phosphate as PO ₄	mg/l	0.47	-		IS 3025 (Part-31):2021
14.	Nitrate as NO ₃	mg/l	8.6	45	No relaxation	IS 3025(Part-34):2019
15.	Sulphate as SO ₄	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/I	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

Test Report No.: W240221C -01.

26.	Potassium as K	mg/1	4		1,777	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

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Sample Identification No.		W240221 02
Name & Address of the Customer	1	Detergeo Chem (East) Private Limited
Date of Sampling	- 1	18.02.2024
Date of Receipt	3	21.02.2024
Sample Description		Ground Water
Sample Condition	- 1	Ok
Start Date of Analysis		21.02.2024
End Date of Analysis	1	27.02.2024
Date of Reporting		27.02.2024
Sampling Location		Khalna
Sample Collected By	- 3	Mr. Ankit Kumar
Environmental Condition at Lab	1	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.		MEL/MSP/7.3/P-01

TEST RESULTS

SI. No.	Parameters	Units	Value	Acceptable Limit	Permissible Limit	Test Method
1.	Colour	Hazen	<5	5	15	IS 3025(Part-4):2021
2.	Odour	-	Agreeable	Agrecable	Agreeable	IS 3025(Part-5):2018
3.	Taste	V=	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	oC.	23		C (see	IS 3025(Part-19):2017
6.	Conductivity	µmhos/cm	1039	****	2404	IS 3025(Part-14):2019
7.	Alkalinity as CaCO ₃	mg/I	374	200	600	IS 3025(Part-23):2019
8.	Total Dissolved Solids	mg/1	675	500	2000	IS 3025(Part-16):2017
9.	Total Hardness as CaCO ₃	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/I	136	250	1000	IS 3025(Part-32):2019
13.	Phosphate as PO ₄	mg/l	0.62	****		IS 3025 (Part-31):2021
14.	Nitrate as NO ₃	mg/l	9.8	45	No relaxation	IS 3025(Part-34):2019
15.	Sulphate as SO ₄	mg/I	38	200	400	IS 3025(Part-24):2019
16.	Fluoride	mg/I	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	15 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/I	< 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/I	0.037	0.3	No relaxation	IS 3025(Part-2):2019
25.	Sodium as Na	mg/I	32	***		IS 3025(Part-45):2019

Test Report No.: W240221C -02.

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 Husain Analyzed by:



Gaja Nand Mallick Quality Manager:

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Sample Identification No.		W240221 03
Name & Address of the Customer	- 1	Detergeo Chem (East) Private Limited
Date of Sampling		18.02.2024
Date of Receipt	1	21.02.2024
Sample Description	1	Ground Water
Sample Condition		Ok
Start Date of Analysis		21.02.2024
End Date of Analysis	- 3	27.02.2024
Date of Reporting	1	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.	1	MFL/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	14	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 ₃	mg/I	298	200	600	IS 3025(Part-23):2019
8.	Total Dissolved Solids	mg/I	563	500	2000	IS 3025(Part-16):2017
9.	Total Hardness as CaCO ₃	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/I	120	250	1000	IS 3025(Part-32):2019
13.	Phosphate as PO ₄	mg/l	0.56	:	Table 1	IS 3025 (Part-31):2021
14.	Nitrate as NO ₃	mg/I	9.2	45	No relaxation	IS 3025(Part-34):2019
15.	Sulphate as SO ₄	mg/I	34	200	400	IS 3025(Part-24):2019
16.	Fluoride	mg/I	0.37	1.0	1.5	IS 3025(Part-60):2019
17.	Phenolic Compound	mg/l	< 0.001	0.001	0.002	1S 3025 (Part-43):2019
18.	Copper as Cu	mg/1	<0.005	0.05	1.5	IS 3025(Part-2):2019
19.	Mercury	mg/I	<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	320	2225	IS 3025(Part-45):2019

Test Report No.: W240221C -03.

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 Husain Analyzed by:



Gaja Nand Mallick Quanty 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	1	Ok
Start Date of Analysis	1	21.02.2024
End Date of Analysis		27.02.2024
Date of Reporting		27.02.2024
Sampling Location		Mankur
Sample Collected By	- 1	Mr. Ankit Kumar
Environmental Condition at Lab	1	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.		MEL/MSP/7.3/P-01

SI. 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	15 3025(Part-7&8):2017
4.	pH	2	7.43	6.5-8.5	No relaxation	IS 3025(Part-11):2022
5.	Temperature	oC.	24		y sun	IS 3025(Part-19):2017
6.	Conductivity	µmhos/cm	762			IS 3025(Part-14):2019
7.	Alkalinity as CaCO ₃	mg/l	254	200	600	1S 3025(Part-23):2019
8.	Total Dissolved Solids	mg/l	495	500	2000	IS 3025(Part-16):2017
9.	Total Hardness as CaCO ₃	mg/I	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/1	26.24	30	100	IS 3025(Part-46):2019
12.	Chloride as CI	mg/1	110	250	1000	IS 3025(Part-32):2019
13.	Phosphate as PO ₄	mg/l	0.38	2211	174444	IS 3025 (Part-31):2021
14.	Nitrate as NO ₃	mg/l	9	45	No relaxation	IS 3025(Part-34):2019
15.	Sulphate as SO ₄	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	15 3025(Part-2):2019
19.	Mercury	mg/l	<0.0005	0.001	No Relaxation	IS 3025 (Part-48):2019
20.	Cadmium as Cd	mg/1	< 0.002	0.003	No relaxation	15 3025(Part-2):2019
21.	Total Arsenic as As	mg/I	< 0.005	0.01	0.05	15 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		222	IS 3025(Part-45):2019

Test Report No.: W240221C -04.

26.	Potassium as K	mg/I	5		100	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 Husain Analyzed by:



Gaja Nand Mallick Quality Manager:

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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	13	Ground Water
Sample Condition		Ok
Start Date of Analysis	- 1	21.02.2024
End Date of Analysis	- 8	27.02.2024
Date of Reporting	18	27.02.2024
Sampling Location	:	Kalyan pur
Sample Collected By		Mr. Ankit Kumar
Environmental Condition at Lab	- 8	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	:	MEL/MSP/7.3/P-01

			LEST RESC	ARIAN	y and the same of	
SI. 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	oC	22		-	IS 3025(Part-19):2017
6.	Conductivity	µmhos/cm	756	****		IS 3025(Part-14):2019
7.8	Alkalinity as CaCO ₃	mg/l	276	200	600	IS 3025(Part-23):2019
8.	Total Disselved Solids	mg/l	492	500	2000	IS 3025(Part-16):2017
9.	Total Hardness as CaCO ₃	mg/l	368	200	600	15 3025(Part-21):2019
10.	Calcium as Ca	mg/1	101.6	75	200	IS 3025(Part-40):2019
11,	Magnesium as Mg	mg/I	27.70	30	100	1S 3025(Part-46):2019
12	Chloride as Cl	mg/I	98	250	1000	IS 3025(Part-32):2019
13.	Phosphate as PO ₄	mg/l	0.53	****		IS 3025 (Part-31):2021
14.	Nitrate as NO ₃	mg/I	8.8	45	No relaxation	IS 3025(Part-34):2019
15.	Sulphate as SO ₄	mg/1	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/I	< 0.0005	0.001	No Relaxation	IS 3025 (Part-48):2019
20.	Cadmium as Cd	mg/1	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/I	<0.005	0.01	No relaxation	IS 3025(Part-2):2019
23.	Total Chromium as Cr	mg/1	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/I	25	***	****	IS 3025(Part-45):2019

Test Report No.: W240221C -05.

26.	Potassium as K	mg/I	3			IS 3025 (Part-38):2019
27.	Total Coliform	MPN/100ml	<2	Shall not be detectable in any 100 ml sample		15 1622:1981
28,	Faecal Coliform	MPN/100ml	<2	Shall not be detectable in any 100 ml sample		IS 1622:1981

Ajmal Husain Analyzed by:



Gaja Nand Mallick Quality Manager:

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Sample Identification No.	1	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	1	Ground Water
Sample Condition		Ok
Start Date of Analysis		21.02.2024
End Date of Analysis	1	27.02.2024
Date of Reporting	10	27.02.2024
Sampling Location	23	Bainan
Sample Collected By	1	Mr. Ankit Kumar
Environmental Condition at Lab		Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	- 1	MEL/MSP/7.3/P-01

SI. No.	Parameters	Units	Value	Acceptable Limit	Permissible Limit	Test Method
1.	Colour	Hazen	<5	5	15	IS 3025(Part-4):2021
2.	Odour	12	Agreeable	Agreeable	Agreeable	IS 3025(Part-5):2018
3.	Taste		Agreeable	Agreeable	Agreeable	IS 3025(Part-7&8):2017
4.	рН		7.41	6.5-8.5	No relaxation	IS 3025(Part-11):2022
5,	Temperature	oC	20			IS 3025(Part-19):2017
6.	Conductivity	µmhos/cm	793			IS 3025(Part-14):2019
7.7	Alkalinity as CaCO3	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 ₁	mg/1	388	200	600	15 3025(Part-21):2019
10.	Calcium as Ca	mg/l	104.0	75	200	IS 3025(Part-40):2019
11.	Magnesium as Mg	mg/I	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 ₄	mg/I	0.61		- -	IS 3025 (Part-31):2021
14.	Nitrate as NO ₃	mg/l	9.6	45	No relaxation	IS 3025(Part-34):2019
15.	Sulphate as SO ₄	mg/I	30	200	400	IS 3025(Part-24):2019
16.	Fluoride	mg/I	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/1	0,006	0.01	0.05	IS 3025(Part-2):2019
22	Lead as Pb	mg/I	<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	122		IS 3025(Part-45):2019

Test Report No.: W240221C -06.

26.	Potassium as K	mg/l	3	1.000		IS 3025 (Part-38):2019
27.	Total Coliform	MPN/100ml	<2	Shall not be detectable in any 100 ml sample		15 1622:1981
28.	Faecal Coliform	MPN/100ml	<2	Shall not be detectable in any 100 ml sample		IS 1622:1981

Ajmal Husain Analyzed by:



Gaja Narid Mallick Quality Manager:

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Sample Identification No.	*	W240221 07
Name & Address of the Customer	1	Detergeo Chem (East) Private Limited
Date of Sampling		18.02.2024
Date of Receipt		21.02.2024
Sample Description		Ground Water
Sample Condition	1	Ok
Start Date of Analysis	1	21.02.2024
End Date of Analysis	4	27.02.2024
Date of Reporting	4	27.02.2024
Sampling Location	- 2	Udang
Sample Collected By		Mr. Ankit Kumar
Environmental Condition at Lab	- 1	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	- 3	MEL/MSP/7.3/P-01

SI. No.	Parameters	Units	Value	Acceptable Limit	Permissible Limit	Test Method
1.	Colour	Hazen	<5	5	15	IS 3025(Part-4):2021
2.	Odour	2 2	Agreeable	Agreeable	Agreeable	1S 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	oC.	22		- 7222	IS 3025(Part-19):2017
6.	Conductivity	µmhos/cm	739			IS 3025(Part-14):2019
7.	Alkalinity as CaCO ₃	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 ₃	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/1	90	250	1000	IS 3025(Part-32):2019
13.	Phosphate as POs	mg/l	0.55		0-177	IS 3025 (Part-31):2021
14.	Nitrate as NO ₃	mg/l	8.6	45	No relaxation	IS 3025(Part-34):2019
15.	Sulphate as SO ₄	mg/l	34	200	400	IS 3025(Part-24):2019
16.	Fluoride	mg/I	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/1	< 0.005	0.05	1.5	JS 3025(Part-2):2019
19.	Mercury	mg/l	<0.0005	0.001	No Relaxation	IS 3025 (Part-48):2019
20.	Cadmium as Cd	mg/1	<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/I	< 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		2223	IS 3025(Part-45):2019

Test Report No.: W240221C -07.

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

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Sample Identification No.	32	W240221 08
Name & Address of the Customer		Detergeo Chem (East) Private Limited
Date of Sampling		18.02.2024
Date of Receipt	- 1	21.02.2024
Sample Description	181	Ground Water
Sample Condition		Ok
Start Date of Analysis	1	21.02.2024
End Date of Analysis	100	27.02.2024
Date of Reporting	13	27.02.2024
Sampling Location	- 1	Bangalipur
Sample Collected By	- 1	Mr. Ankit Kumar
Environmental Condition at Lab		Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	4	MEL/MSP/7.3/P-01

SI. No.	Parameters	Units	Value	Acceptable Limit	Permissible Limit	Test Method
1.	Colour	Hazen	<5	5	15	IS 3025(Part-4):2021
2.	Odour	13.	Agreeable	Agreeable	Agreeable	IS 3025(Part-5):2018
3.	Taste	Discered to	Agreeable	Agreeable	Agreeable	IS 3025(Part-7&8):2017
4.	pH	Marie He	7.39	6.5-8.5	No relaxation	IS 3025(Part-11):2022
5.	Temperature	oC	21			IS 3025(Part-19):2017
6.	Conductivity	µmhos/cm	758	****	****	IS 3025(Part-14):2019
7.	Alkalinity as CaCO ₁	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 ₃	mg/l	378	200	600	IS 3025(Part-21):2019
10.	Calcium as Ca	mg/I	104.8	75	200	IS 3025(Part-40):2019
11.	Magnesium as Mg	mg/I	28.18	30	100	IS 3025(Part-46):2019
12.	Chloride as CI	mg/I	100	250	1000	IS 3025(Part-32):2019
13.	Phosphate as PO ₄	mg/I	0.52	244	2020	IS 3025 (Part-31):2021
14.	Nitrate as NO ₃	mg/I	8.4	45	No relaxation	IS 3025(Part-34):2019
15.	Sulphate as SO ₄	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/I	< 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

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26.	Potassium as K	mg/l	2		202	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 o		IS 1622:1981

Ajmal Husain Analyzed by:



Gaja Nard Mallick Quality Manager:

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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		

SI. 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	1 1 1 1	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	oC	20	****	IS 3025(Part-9):2017
7.	Conductivity	μmhos/cm	283		IS 3025(Part-14):2019
8.	Alkalinity as CaCO ₃	mg/l	112		IS 3025(Part-23);2019
9.	Total Dissolved Solids	mg/I	184	tern.	IS 3025(Part-16):2017
10.	Total Hardness as CaCO ₃	mg/l	124		IS 3025(Part-21):2019
11.	Calcium as CaCO ₃	mg/1	92		IS 3025(Part-40):2019
12.	Magnesium as CaCO ₃	mg/l	32	1077	IS 3025(Part-46):2019
13.	Chloride as Cl	mg/1	20	- 10 mm	IS 3025(Part-32):2019
14.	Phosphate as PO ₄	mg/I	0.33	1144	IS 3025(Part-31):2021
15.	Nitrate as NO ₃	mg/l	6.80	FI	IS 3025(Part-34):2019
16.	Sulphate as SO ₄	mg/l	16	****	IS 3025(Part-24):2019
17.	Fluoride	mg/l	0.38	222	IS 3025(Part-60):2019
18.	Phenolic Compound	mg/l	< 0.001	10000	IS 3025(Part-43):2019
19.	Copper as Cu	mg/l	< 0.005	0000	IS 3025(Part-2):2019
20.	Cadmium as Cd	mg/I	< 0.002	0.2270	IS 3025(Part-2):2019
21.	Mercury	mg/l	<0.0005	/ ****	IS 3025 (Part-48): 2019
22.	Selenium as Se	mg/l	< 0.005	(pake	IS 3025(Part-2):2019
23.	Total Arsenic as As	mg/l	0.0054	444	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	Comme	IS 3025(Part-2):2019
26.	Hexavalent Chromium as Cr+6	mg/l	< 0.01		IS 3025 (Part-52):2019
27.	Aluminium as Al	mg/I	0.018		IS 3025(Part-2):2019

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28.	Manganese as Mn	mg/l	< 0.005	****	IS 3025(Part-2):2019
29.	Boron as B	mg/l	< 0.1		15 3025(Part-2):2019
30.	Iron as Fe	mg/I	0.076	****	IS 3025(Part-2):2019
31.	Sodium as Na	mg/l	14	***	IS 3025(Part-45):2019
32.	Potassium as K	mg/1	2	215	IS 3025(Part-45):2019
33.	Dissolved Oxygen	mg/1	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)	В	
Ground Water source after conventional treatment & disinfection	C	
Propagation of wild life & Fisheries	D	V
Irrigation, Industrial cooling, Controlled Waste Disposal	E	
	Below E	

Ajmal Husain Analyzed by:



Gaja Napa Mallick Quality Manager:

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Sample Identification No.		W240221 10
Name & Address of the Customer	- 1	Detergeo Chem (East) Private Limited
Date of Sampling		18.02.2024
Date of Receipt	- 4	21.02.2024
Sample Description		Surface Water
Sample Condition	- 3	Ok
Start Date of Analysis		21.02.2024
End Date of Analysis	- 4	27.02.2024
Date of Reporting		27.02.2024
Sampling Location	- 2	Damodar Kata River
Sample Collected By	- 1	Mr. Ankit Kumar
Environmental Condition at Lab	1	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	4	MEL/MSP/7.3/P-01

Sl. No.	Parameters	Units	Value	Designated Class D	Test Method
1.0	Colour	Hazen	<5	-	IS 3025(Part-4):2021
2.	Odour	- Alle	Agreeable		IS 3025(Part-5):2018
3.	Taste	STILL	Agreeable	S eat	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	OC	21		IS 3025(Part-9):2017
7.	Conductivity	μmhos/cm	315		IS 3025(Part-14):2019
8.	Alkalinity as CaCO ₃	mg/l	122	****	IS 3025(Part-23):2019
9.	Total Dissolved Solids	mg/l	205	Paris.	IS 3025(Part-16):2017
10.	Total Hardness as CaCO ₃	mg/1	146		IS 3025(Part-21):2019
11.	Calcium as CaCO ₃	mg/l	110	(2000)	IS 3025(Part-40):2019
12.	Magnesium as CaCO ₃	mg/l	36		IS 3025(Part-46):2019
13.	Chloride as Cl	mg/l	24	2000	IS 3025(Part-32):2019
14.	Phosphate as PO ₄	mg/I	0.45	5000	IS 3025(Part-31):2021
15.	Nitrate as NO ₃	mg/l	7.40	****	IS 3025(Part-34):2019
16.	Sulphate as SO ₄	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	22.00	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	, and a	IS 3025(Part-2):2019
21.	Mercury	mg/l	< 0.0005	2102	IS 3025 (Part-48): 2019
22.	Selenium as Se	mg/1	< 0.005		IS 3025(Part-2):2019
23.	Total Arsenic as As	mg/1	< 0.005	1000	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	(2000)	IS 3025(Part-2):2019
26.	Hexavalent Chromium as Cr+6	mg/l	< 0.01	Channe	IS 3025 (Part-52):2019

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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	1445	IS 3025(Part-2):2019
31.	Sodium as Na	mg/I	12	2222	IS 3025(Part-45):2019
32.	Potassium as K	mg/l	2		IS 3025(Part-45):2019
33.	Dissolved Oxygen	mg/I	6.5	≥4mg/l	IS 3025(Part-38):2019
34.	BOD	mg/I	10		IS 3025(Part-44):2019
35.	COD	mg/l	84	2227	IS 3025(Part-58):2017
36.	Total Coliform	MPN/100mI	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)	В	
Ground Water source after conventional treatment & disinfection	C	
Propagation of wild life & Fisheries	D	V
Irrigation, Industrial cooling, Controlled Waste Disposal	E	
	Below E	

Ajmal Husain Analyzed by:



Gaja Nand Mallick Quality Manager:

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Sample Identification No.	1	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	1	Surface Water
Sample Condition	1	Ok
Start Date of Analysis		21.02.2024
End Date of Analysis		27.02.2024
Date of Reporting		27.02.2024
Sampling Location	0.0	Mundeshwari River
Sample Collected By	4	Mr. Ankit Kumar
Environmental Condition at Lab	, b	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.		MEL/MSP/7.3/P-01

SI. No.	Parameters	Units	Value	Designated Class D	Test Method
1.	Colour	Hazen	<5	****	IS 3025(Part-4):2021
2.	Odour	ALB &	Agreeable		IS 3025(Part-5):2018
3.	Taste	7776-	Agreeable		15 3025(Part-7&8):2017
4.	Turbidity	NTU	3.2		IS 3025(Part-10):2017
5.	pH	2 9 8	6.95	6.5-8.5	IS 3025(Part-11):2011
6.	Temperature	oc oc	21		1S 3025(Part-9):2017
7.	Conductivity	µmhos/cm	260	and the same of th	IS 3025(Part-14):2019
8,	Alkalinity as CaCO ₃	mg/1	98	Name .	IS 3025(Part-23):2019
9.	Total Dissolved Solids	mg/l	169	10 1000	IS 3025(Part-16):2017
10.	Total Hardness as CaCO ₃	mg/I	118	1100	IS 3025(Part-21):2019
11.	Calcium as CaCO ₃	mg/l	86		IS 3025(Part-40):2019
12.	Magnesium as CaCO ₃	mg/l	32	,,,,,,	IS 3025(Part-46):2019
13.	Chloride as Cl	mg/I	-22	****	IS 3025(Part-32):2019
14.	Phosphate as PO ₄	mg/l	0.42		IS 3025(Part-31):2021
15.	Nitrate as NO ₃	mg/I	6.20	****	IS 3025(Part-34);2019
16.	Sulphate as SO ₄	mg/l	14	about .	IS 3025(Part-24):2019
17.	Fluoride	mg/I	0.28	-	IS 3025(Part-60):2019
18.	Phenolic Compound	mg/1	< 0.001	****	IS 3025(Part-43):2019
19.	Copper as Cu	mg/l	< 0.005	2000	IS 3025(Part-2):2019
20.	Cadmium as Cd	mg/l	< 0.002	7777	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/1	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	200	IS 3025(Part-2):2019
26.	Hexavalent Chromium as Cr+6	mg/l	< 0.01	****	IS 3025 (Part-52):2019
27.	Aluminium as Al	mg/l	< 0.005	*****	IS 3025(Part-2):2019

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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/1	< 0.02	****	1S 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/1	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)	В	
Ground Water source after conventional treatment & disinfection	C	
Propagation of wild life & Fisheries	D	V
Irrigation, Industrial cooling, Controlled Waste Disposal	E	
	Below E	

Ajmal Husain Analyzed by:



Gaja Nand Mallick Quality Manager:

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Sample Identification No.		W240221 12
Name & Address of the Customer	22	Detergeo Chem (East) Private Limited
Date of Sampling	1	18.02.2024
Date of Receipt	- 3	21.02.2024
Sample Description		Surface Water
Sample Condition	3	Ok
Start Date of Analysis	13.	21.02.2024
End Date of Analysis		27.02.2024
Date of Reporting	- 3	27.02.2024
Sampling Location	12	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

SI. No.	Parameters	Units	Value	Designated Class D	Test Method
1.	Colour	Hazen	<5		IS 3025(Part-4):2021
2.	Odour	2-	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		15 3025(Part-14):2019
8.	Alkalinity as CaCO ₃	mg/I	116		IS 3025(Part-23):2019
9.	Total Dissolved Solids	mg/1	198		IS 3025(Part-16):2017
10.	Total Hardness as CaCO ₃	mg/I	136		15 3025(Part-21):2019
11.	Calcium as CaCO ₃	mg/I	98		IS 3025(Part-40):2019
12.	Magnesium as CaCO ₃	mg/l	38	****	15 3025(Part-46):2019
13.	Chloride as Cl	mg/I	26	****	IS 3025(Part-32):2019
14.	Phosphate as PO ₄	mg/l	0.41	****	IS 3025(Part-31):2021
15.	Nitrate as NO ₃	mg/l	7,40	****	IS 3025(Part-34):2019
16.	Sulphate as SO ₄	mg/l	16	****	IS 3025(Part-24):2019
17.	Fluoride	mg/I	0.41	****	15 3025(Part-60):2019
18,	Phenolic Compound	mg/l	< 0.001	erre	IS 3025(Part-43):2019
19.	Copper as Cu	mg/l	< 0.005	2000	IS 3025(Part-2):2019
20.	Cadmium as Cd	mg/l	< 0.002		IS 3025(Part-2):2019
21.	Mercury	mg/1	< 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/I	<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 Chronium as Cr+6	mg/l	< 0.01	1000	1S 3025 (Part-52):2019
27.	Aluminium as Al	mg/l	0.028	****	IS 3025(Part-2):2019

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28.	Manganese as Mn	mg/l	0.0052	*****	IS 3025(Part-2):2019
29.	Boron as B	mg/I	< 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/1	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/1	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/100mI	700		IS 1622-1981

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

Ajmal Husain Analyzed by: Sear of Laba

Gaja Nand Mallick Quality Manager:

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Sample Identification No.	1	W240221 13
Name & Address of the Customer		Detergeo Chem (East) Private Limited
Date of Sampling		18.02.2024
Date of Receipt	À.	21.02.2024
Sample Description	4:	Surface Water
Sample Condition	1	Ok
Start Date of Analysis		21.02.2024
End Date of Analysis		27.02.2024
Date of Reporting	:	27.02.2024
Sampling Location	1	Kanashabat River
Sample Collected By		Mr. Ankit Kumar
Environmental Condition at Lab		Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	- 1	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	683114	Agreeable		15 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	oC.	20	****	IS 3025(Part-9):2017
7.	Conductivity	μmhos/cm	302		IS 3025(Part-14):2019
8.	Alkalinity as CaCO ₃	mg/I	108	1000	15 3025(Part-23):2019
9.	Total Dissolved Solids	mg/l	196	Towns of	IS 3025(Part-16):2017
10.	Total Hardness as CaCO ₃	mg/1	128	+146	IS 3025(Part-21):2019
11,	Calcium as CaCO ₃	mg/I	94		IS 3025(Part-40):2019
12.	Magnesium as CaCO ₃	mg/l	34		IS 3025(Part-46):2019
13.	Chloride as Cl	mg/I	26	****	IS 3025(Part-32):2019
14.	Phosphate as PO ₄	mg/1	0.44	-15	IS 3025(Part-31):2021
15.	Nitrate as NO ₃	mg/1	9.20	*****	IS 3025(Part-34):2019
16.	Sulphate as SO ₄	mg/l	18		IS 3025(Part-24):2019
17.	Fluoride	mg/l	0.39	7777	IS 3025(Part-60):2019
18.	Phenolic Compound	mg/l	<0.001		IS 3025(Part-43):2019
19.	Copper as Cu	mg/1	< 0.005	244	IS 3025(Part-2):2019
20.	Cadmium as Cd	mg/I	0.0031	5777	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	222	IS 3025(Part-2):2019
26.	Hexavalent Chromium as Cr+6	mg/l	< 0.01	2000	IS 3025 (Part-52):2019
27.	Aluminium as Al	mg/l	< 0.005		IS 3025(Part-2):2019

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28.	Manganese as Mn	mg/I	< 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	++/4-	IS 3025(Part-2):2019
31.	Sodium as Na	mg/l	15	20.00	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/1	IS 3025(Part-38):2019
34.	BOD	mg/I	9		IS 3025(Part-44):2019
35.	COD	mg/I	76	1970	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)	В	
Ground Water source after conventional treatment & disinfection	C	
Propagation of wild life & Fisheries	D	V
Irrigation, Industrial cooling, Controlled Waste Disposal	E	
	Below E	

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Gaja Nard Mallick Quality Manager:

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Sample Identification No.	1.0	W240221 14
Name & Address of the Customer	15	Detergeo Chem (East) Private Limited
Date of Sampling	- 1	18.02.2024
Date of Receipt	- 1	21.02.2024
Sample Description	1	Surface Water
Sample Condition		Ok
Start Date of Analysis	1	21.02.2024
End Date of Analysis		27.02.2024
Date of Reporting		27.02.2024
Sampling Location	- 1	Gaighata Khal
Sample Collected By	3	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

SI. No.	Parameters	Units	Value	Designated Class D	Test Method
1.	Colour	Hazen	<5		IS 3025(Part-4):2021
2.	Odour	100	Agreeable	122	IS 3025(Part-5):2018
3.	Taste	3-	Agreeable	-	IS 3025(Part-7&8):2017
4.	Turbidity	NTU	2.2	****	IS 3025(Part-10):2017
5.	pH	TOP IS NOT	7,86	6.5-8.5	IS 3025(Part-11):2011
6.	Temperature	o/C	21		IS 3025(Part-9):2017
7.	Conductivity	µmhos/cm	343		IS 3025(Part-14):2019
8.	Alkalinity as CaCO ₃	mg/l	124		IS 3025(Part-23):2019
9.	Total Dissolved Solids	mg/l	223	I Server	IS 3025(Part-16):2017
10.	Total Hardness as CaCO ₃	mg/l	154		IS 3025(Part-21):2019
11.	Calcium as CaCO ₃	mg/l	122		IS 3025(Part-40):2019
12,	Magnesium as CaCO ₃	mg/I	32		IS 3025(Part-46):2019
13.	Chloride as Cl	mg/l	30		IS 3025(Part-32):2019
14.	Phosphate as PO ₄	mg/l	0.39	****	IS 3025(Part-31):2021
15.	Nitrate as NO ₃	mg/I	8.40		15 3025(Part-34):2019
16.	Sulphate as SO ₄	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	102	IS 3025(Part-2):2019
20.	Cadmium as Cd	mg/l	< 0.002		IS 3025(Part-2):2019
21.	Mercury	mg/I	< 0.0005		IS 3025 (Part-48): 2019
22.	Selenium as Se	mg/I	< 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/I	< 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+6	mg/1	< 0.01	****	IS 3025 (Part-52):2019
27.	Aluminium as Al	mg/I	0.015	****	IS 3025(Part-2):2019

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28.	Manganese as Mn	mg/I	< 0.005		IS 3025(Part-2):2019
29.	Boron as B	mg/l	0.91	5000	IS 3025(Part-2):2019
30.	Iron as Fe	mg/I	0.066		IS 3025(Part-2):2019
31.	Sodium as Na	mg/l	14	1112	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/1	IS 3025(Part-38):2019
34.	BOD	mg/l	11		IS 3025(Part-44):2019
35.	COD	mg/l	90	7272	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)	В	
Ground Water source after conventional treatment & disinfection	C	
Propagation of wild life & Fisheries	D	√
Irrigation, Industrial cooling, Controlled Waste Disposal	E	
	Below E	

Ajmal Husain Analyzed by:



Gaja Nand Mallick Quality Manager:

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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	10	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.	1	MEL/MSP/7.3/P-01

TEST RESULTS

SI. No.	Parameter	Units of Measurements	Value	Protocol
1.	pH		7.31	IS 2720(Part-26):2021
2	Bulk Density	gm/cm3	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	dy /P	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.	5odium	mg/100gm	3.8	IS 9497:2020
14.	Organic Matter	%	2.44	IS 2720(Part-22):2020
15.	Ca	mg/100gm	3.1	15 5949:2020
16.	Mg	mg/100gm	2.08	15 5949:2020
17.	SAR		0.41	IS 2720

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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	1	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

SI. No.	Parameter	Units of Measurements	Value	Protocol
1.	pH	o transmission .	7.25	15 2720(Part-26):2021
2.	Bulk Density	gm/cm3	2.14	1S 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	15 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	15 5949:2020
17.	SAR		0.47	IS 2720

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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	15 2720(Part-26):2021
2,	Bulk Density	gm/cm3	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	15 2720(Part-04):2020
8.	Silt	%	20	15:2720(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

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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	1	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

S1. No.	Parameter	Units of Measurements	Value	Protocol
1.	pH		7.32	IS 2720(Part-26):2021
2.	Bulk Density	gm/cm3	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	15 9497:2020
14.	Organic Matter	%	2.67	IS 2720(Part-22):2020
15.	Ca	mg/100gm	3.6	15 5949:2020
16.	Mg	mg/100gm	1.77	IS 5949:2020
17,	SAR		0.49	IS 2720

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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.	1	MEL/MSP/7.3/P-01

TEST RESULTS

CT.		TEST KESCETS		1
Sl. No.	Parameter	Units of Measurements	Value	Protocol
1.	pH		7.61	IS 2720(Part-26):2021
2.	Bulk Density	gm/cm3	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	1S 2720

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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	1	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

61		TEST NESSETS		
Sl. No.	Parameter	Units of Measurements	Value	Protocol
1.	pH		7.42	IS 2720(Part-26):2021
2.	Bulk Density	gm/cm3	2.12	IS 2720(Part-28):2020
3.	Conductivity	micro mhos/cm	308	IS 14767:2021
4.	Moisture	%	5.8	15 2720(Part-19):2020
5.	Texture		Sandy Loam	1S 2720(Part-04):2020
6.	Sand	95	58	15 2720(Part-04):2020
7.	Clay	0.	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	15 5949:2020
17.	SAR		0.52	IS 2720

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Sample Identification		L240221 07
Name & Address of the Customer	:	Detergeo Chem (East) Private Limited
Date of Sampling	1	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	1	27.02.2024
Sampling Location		Udang
Sample Submitted by	1	Mr. Ankit Kumar
Environmental Condition at Lab	- 1	Temp. 25 ± 2 °C Humidity 50 ± 10 %
Ref. of Sampling Procedure No.	:	MEL/MSP/7.3/P-01

TEST RESULTS

107		TEST RESCEIS		
SI. No.	Parameter	Units of Measurements	Value	Protocol
1.	pH		7,38	IS 2720(Part-26):2021
2.	Bulk Density	gm/cm3	1.98	IS 2720(Part-28):2020
3,	Conductivity	micro mhos/cm	412	15 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	1/4	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	15 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
				317,45,45

Ajmal Husain Analyzed by:



Gaja Nand Mallick Quality Manager:

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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	- 1	27.02.2024
Sampling Location		Bangalpur
Sample Submitted by	- 3	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

No.	Parameter	Units of Measurements	Value	Protocol
1.	pH			IS 2720(Part-26):2021
2.	Bulk Density	gm/cm3		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	15 2720(Part-04):2020
6.	Sand	%	60	15 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	15 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 Husain Analyzed by:



The results relate only to the sample tested.

This Test Report shall not be reproduced wholly or in part without prior written consent of the laboratory.

Seal Of he

The samples received shall be destroyed after two weeks from the date of issue of the Test Report unless specified otherwise.

This Test Report shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory.



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Name & Address of the Customer		Detergeo Chem (East) Private Limited
Date of Monitoring	:	01.02.2024
Date of Reporting	- 1	05.03.2024
Sample Description	:	Noise Monitoring
Sampling Location	- 1	Project Site
Monitored by		Mr. Ankit Kumar
Test Method		IS 9989:1981(Reaffirmed Year 2020)

Monitoring Report

SI. No.	Noise L	evel dB(A)	Category of Area
INO.	Day (Leqd)	Night (Leqn)	
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: Seapor Laber

Gaja Nand Mallick Quality Manager:



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Name & Address of the Customer	1	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	- 1	Mr. Ankit Kumar
Test Method	:	IS 9989:1981(Reaffirmed Year 2020)

Monitoring Report

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

Standards of Noise Level

Category of Area	Day dB (A)	Night dB (A)
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40
	Industrial Area Commercial Area Residential Area	Industrial Area 75 Commercial Area 65 Residential Area 55

Manoranjan Analyzed by: Seal Ne Dave

****End of Report****

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.	Noîse Level dB(A)		Category of Area	
	Day (Leqd)	Night (Leqn)	category of Area	
1.	50.4	46.5	Commercial Area	

Standards of Noise Level

SI. 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: Seal Of Lab.

Gaja Nand Mallick Quality Manager:



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:	Detergeo Chem (East) Private Limited
:	02.02,2024
	05.03.2024
:	Noise Monitoring
:	Mankur
:	Mr. Ankit Kumar
1	IS 9989:1981(Reaffirmed Year 2020)
	:

Monitoring Report

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

Standards of Noise Level

SI. 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: ****End of Report****

Gaja Nand Mallick Quality Manager:



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	Detergeo Chem (East) Private Limited
:	05.02.2024
1	05.03.2024
1	Noise Monitoring
:	Kalyanpur
:	Mr. Ankit Kumar
. :	IS 9989:1981(Reaffirmed Year 2020)
	2 2 2

Monitoring Report

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

Standards of Noise Level

SI. 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: Seabady Labe

Gaja Nand Mallick Quality Manager:



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Name & Address of the Customer	1	Detergeo Chem (East) Private Limited
Date of Monitoring	1	09.02.2024
Date of Reporting	12	05.03.2024
Sample Description	1	Noise Monitoring
Sampling Location		Bagnan
Monitored by		Mr. Ankit Kumar
Test Method	- 6	IS 9989:1981(Reaffirmed Year 2020)

Monitoring Report

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

Standards of Noise Level

SI. 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: Sealon Labo

Gaja Nand Mallick Quality Manager:



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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)	curegory of their
1.	46.2	39.2	Residential Area

Standards of Noise Level

SI. 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: Seal Of Deab

Gaja Napid Mallick Quality Manager:



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Name & Address of the Customer		Detergeo Chem (East) Private Limited
Date of Monitoring	- 8	06.02.2024
Date of Reporting		05.03.2024
Sample Description	:	Noise Monitoring
Sampling Location	3	Bangalpur
Monitored by	:	Mr. Ankit Kumar
Test Method	- 1	IS 9989:1981(Reaffirmed Year 2020)

Monitoring Report

Sl. No.	Noise Level dB(A)		Calaman of A.
	Day (Leqd)	Night (Leqn)	Category of Area
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: Seaword ab Seaword about the s

****End of Report****

Gaja Nand Mallick Quality Manager: