

TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2985
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2985
Project Name	Rihan Heights	Sample No	ACE-24-S-2985
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower A Level Ground Reception Area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 5.30 PM to 5.45 PM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	10.55
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	21.05
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	51.02
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	105.91
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	115.35
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}C$	N. P	23.57
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	63
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.03

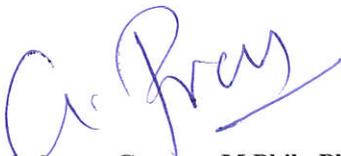
Sample No: ACE-24-S- 2985
Report No: ACE-24-R- 2985

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.94
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	395.80
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

This report shall not be produced in full, without the written approval of the laboratory.



-End of Report-

R-EN-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2986
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2986
Project Name	Rihan Heights	Sample No	ACE-24-S-2986
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower A Level 06 Main Corridor area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 5.50 AM to 6.05 AM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	11.96
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	24.18
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	57.17
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	111.77
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	120.65
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}\text{C}$	N. P	23.52
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	61.33
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.03

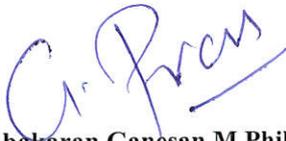
Sample No: ACE-24-S-2986
Report No: ACE-24-R-2986

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.91
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	391.93
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

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-End of Report-

R-EN-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2987
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2987
Project Name	Rihan Heights	Sample No	ACE-24-S-2987
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower A Level 13 Main Corridor area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 6.10 PM to 6.25 PM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	4.53
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	6.01
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	9.45
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	16.13
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	19.46
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}\text{C}$	N. P	23.28
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	57.47
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.02

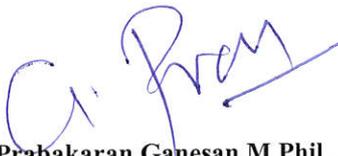
Sample No: ACE-24-S-2987
Report No: ACE-24-R-2987

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.85
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	395.93
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

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-End of Report-

R-EN-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2988
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2988
Project Name	Rihan Heights	Sample No	ACE-24-S-2988
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower A Level 20 Main Corridor area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 6.30 PM to 6.45 PM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	5.83
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	7.09
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	11.07
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	19.25
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	22.79
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}C$	N. P	23.50
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	56.87
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.02

Sample No: ACE-24-S-2988

Report No: ACE-24-R-2988

Date Received: 09/10/2024

Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.92
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	389.13
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

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-End of Report-

R-EN-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2989
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2989
Project Name	Rihan Heights	Sample No	ACE-24-S-2989
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower A Level 27 Main Corridor area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 6.50 PM to 7.05 PM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	3.19
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	5.17
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	11.25
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	24.99
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	29.86
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}\text{C}$	N. P	23.39
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	57.13
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.02

Sample No: ACE-24-S-2989
Report No: ACE-24-R-2989

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.89
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	391.27
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

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-End of Report-

R-EN-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2980
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2980
Project Name	Rihan Heights	Sample No	ACE-24-S-2980
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower B Level Ground Reception Area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 3.35 PM to 3.50 PM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	5.31
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	11.29
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	26.68
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	55.68
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	61.43
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}\text{C}$	N. P	23.30
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	54.31
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.02

Sample No: ACE-24-S-2980
Report No: ACE-24-R-2980

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.90
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	405.44
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

This report shall not be produced in full, without the written approval of the laboratory.



-End of Report-

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TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2981
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2981
Project Name	Rihan Heights	Sample No	ACE-24-S-2981
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower B Level 04 Main Corridor area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 4.05 PM to 4.20 PM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	6.32
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	11.28
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	36.47
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	71.18
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	85.79
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}\text{C}$	N. P	23.73
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	52.81
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.02

Sample No: ACE-24-S-2981
Report No: ACE-24-R-2981

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.89
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	418.94
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

This report shall not be produced in full, without the written approval of the laboratory.



-End of Report-

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TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2982
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2982
Project Name	Rihan Heights	Sample No	ACE-24-S-2982
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower B Level 10 Main Corridor area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 4.25 PM to 4.40 PM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	6.36
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	11.31
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	36.69
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	71.22
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	84.96
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}\text{C}$	N. P	24.43
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	51.06
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.02

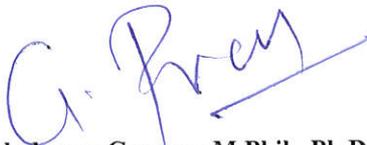
Sample No: ACE-24-S-2982
Report No: ACE-24-R-2982

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.86
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	442.44
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

This report shall not be produced in full, without the written approval of the laboratory.



-End of Report-

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TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2983
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2983
Project Name	Rihan Heights	Sample No	ACE-24-S-2983
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower B Level 16 Main Corridor area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 4.45 PM to 5.00 PM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	10.53
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	21.39
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	30.66
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	108.59
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	118.26
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}\text{C}$	N. P	23.32
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	57.25
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.02

Sample No: ACE-24-S-2983

Report No: ACE-24-R-2983

Date Received: 09/10/2024

Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.89
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	393.75
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

This report shall not be produced in full, without the written approval of the laboratory.



-End of Report-

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TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2984
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2984
Project Name	Rihan Heights	Sample No	ACE-24-S-2984
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower B Level 23 Main Corridor area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 5.05 PM to 5.20 PM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	8.82
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	21.05
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	51.02
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	101.92
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	113.35
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}C$	N. P	23.25
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	57.60
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.02

Sample No: ACE-24-S-2984
Report No: ACE-24-R-2984

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.90
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	397.40
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

This report shall not be produced in full, without the written approval of the laboratory.



-End of Report-

R-EN-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2970
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2970
Project Name	Rihan Heights	Sample No	ACE-24-S-2970
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower C Level Ground Reception Area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 11.55 AM to 12.10 PM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	2.42
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	4.23
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	8.01
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	13.66
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	15.51
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}\text{C}$	N. P	23.38
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	59.13
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.02

Sample No: ACE-24-S-2970
Report No: ACE-24-R-2970

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.81
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	422.31
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC


Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager



Results relate only to the item tested.

This report shall not be produced in full, without the written approval of the laboratory.

-End of Report-

R-EN-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2971
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2971
Project Name	Rihan Heights	Sample No	ACE-24-S-2971
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower C Level 03 Main Corridor area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 12.15 PM to 12.30 PM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	5.69
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	8.53
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	14.58
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	26.08
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	29.63
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}\text{C}$	N. P	23.77
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	52.75
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.02

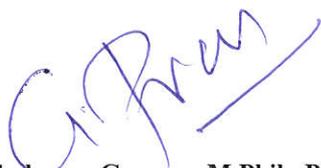
Sample No: ACE-24-S-2971
Report No: ACE-24-R-2971

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.90
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	440.63
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

This report shall not be produced in full, without the written approval of the laboratory.



-End of Report-

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TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2972
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2972
Project Name	Rihan Heights	Sample No	ACE-24-S-2972
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower C Level 09 Main Corridor area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 12.35 PM to 12.50 PM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	5.69
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	10.38
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	21.34
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	38.09
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	42.19
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}\text{C}$	N. P	24.43
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	51.06
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.02

Sample No: ACE-24-S-2972

Report No: ACE-24-R-2972

Date Received: 09/10/2024

Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.89
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	442.44
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

This report shall not be produced in full, without the written approval of the laboratory.



-End of Report-

R-EN-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2973
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2973
Project Name	Rihan Heights	Sample No	ACE-24-S-2973
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower C Level 13 Main Corridor area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 12.55 PM to 1.10 PM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	5.71
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	13.54
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	37.76
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	78.76
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	85.43
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}C$	N. P	23.92
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	52.25
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.02

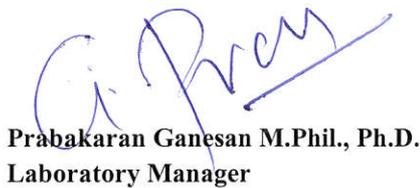
Sample No: ACE-24-S-2973
Report No: ACE-24-R-2973

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.90
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	421.06
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC


Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager



Results relate only to the item tested.

This report shall not be produced in full, without the written approval of the laboratory.

-End of Report-

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TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2974
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2974
Project Name	Rihan Heights	Sample No	ACE-24-S-2974
Contractor	Not Applicable	Sample received Date	0/10/2024
Monitoring Location	Tower C Level 17 Main Corridor area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 1.15 PM to 1.30 PM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	5.59
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	12.99
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	32.84
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	64.90
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	71.03
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}\text{C}$	N. P	23.35
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	54.07
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.02

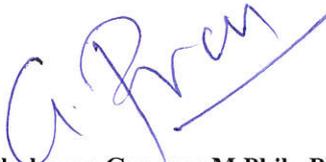
Sample No: ACE-24-S-2974
Report No: ACE-24-R- 2974

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.88
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	413.20
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

This report shall not be produced in full, without the written approval of the laboratory.



-End of Report-

R-EN-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2965
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2965
Project Name	Rihan Heights	Sample No	ACE-24-S-2965
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower D Level Ground Reception Area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 10.15 AM to 10.30 AM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	2.26
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	4.19
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	8.73
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	16.89
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	20.51
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}\text{C}$	N. P	23.48
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	51.56
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.02

Sample No: ACE-24-S-2965
Report No: ACE-24-R-2965

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.90
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	438.25
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

This report shall not be produced in full, without the written approval of the laboratory.



-End of Report-

R-EN-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2966
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2966
Project Name	Rihan Heights	Sample No	ACE-24-S-2966
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower D Level 03 Main Corridor area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 10.35 AM to 10.50 AM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	1.99
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	3.29
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	6.44
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	12.13
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	15.19
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}\text{C}$	N. P	23.67
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	59
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.01

Sample No: ACE-24-S- 2966
Report No: ACE-24-R- 2966

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.90
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	445.06
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

This report shall not be produced in full, without the written approval of the laboratory.



-End of Report-

R-EN-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2967
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2967
Project Name	Rihan Heights	Sample No	ACE-24-S-2967
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower D Level 08 Main Corridor area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 10.55 AM to 11.10 AM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	6.60
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	19.61
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	61.65
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	125.18
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	134.54
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}\text{C}$	N. P	23.64
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	59.06
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.01

Sample No: ACE-24-S-2967
Report No: ACE-24-R-2967

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.90
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	449.25
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

This report shall not be produced in full, without the written approval of the laboratory.



-End of Report-

R-EN-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2968
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2968
Project Name	Rihan Heights	Sample No	ACE-24-S-2968
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower D Level 11 Main Corridor area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 11.15 AM to 11.30 AM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	6.76
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	20.11
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	62.05
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	124.98
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	132.96
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}\text{C}$	N. P	23.68
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	59.20
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.01

Sample No: ACE-24-S- 2968
Report No: ACE-24-R- 2968

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.84
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	450.80
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

This report shall not be produced in full, without the written approval of the laboratory.



-End of Report-

R-EN-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2969
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2969
Project Name	Rihan Heights	Sample No	ACE-24-S-2969
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower D Level 15 Main Corridor area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 11.35 AM to 11.50 AM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	6.84
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	20.54
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	62.48
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	125.09
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	132.92
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}\text{C}$	N. P	23.84
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	53.38
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.02

Sample No: ACE-24-S-2969
Report No: ACE-24-R-2969

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.90
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	426.19
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

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-End of Report-

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TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2975
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2975
Project Name	Rihan Heights	Sample No	ACE-24-S-2975
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower E Level Ground Reception Area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 1.50 PM to 2.05 PM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	6.74
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	19.81
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	59.67
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	118.33
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	125.35
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}\text{C}$	N. P	23.65
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	58.93
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.01

Sample No: ACE-24-S-2975
Report No: ACE-24-R-2975

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.90
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	440.33
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC


Prabakaran Ganeshan M.Phil., Ph.D.
Laboratory Manager



Results relate only to the item tested.

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-End of Report-

R-EN-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2976
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2976
Project Name	Rihan Heights	Sample No	ACE-24-S-2976
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower E Level 03 Main Corridor area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 2.10 PM to 2.25 PM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	6.73
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	17.30
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	50.68
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	102.76
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	109.88
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}\text{C}$	N. P	23.67
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	59.56
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.01

Sample No: ACE-24-S-2976
Report No: ACE-24-R-2976

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.86
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	447.88
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

This report shall not be produced in full, without the written approval of the laboratory.



-End of Report-

R-EN-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2977
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2977
Project Name	Rihan Heights	Sample No	ACE-24-S-2977
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower E Level 09 Main Corridor area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 2.30 PM to 2.45 PM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	6.74
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	19.81
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	59.67
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	118.33
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	125.35
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}\text{C}$	N. P	23.72
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	59.13
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.01

Sample No: ACE-24-S-2977
Report No: ACE-24-R-2977

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.90
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	462.87
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

This report shall not be produced in full, without the written approval of the laboratory.



-End of Report-

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TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2978
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2978
Project Name	Rihan Heights	Sample No	ACE-24-S-2978
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower E Level 14 Main Corridor area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 2.50 PM to 3.05 PM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	6.75
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	14.13
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	34.17
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	68.66
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu\text{g}/\text{m}^3$	N. P	75.03
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}\text{C}$	N. P	23.65
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	59.13
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.01

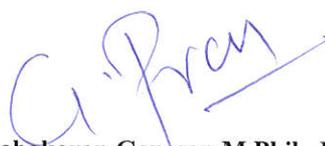
Sample No: ACE-24-S-2978
Report No: ACE-24-R-2978

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.90
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	450.80
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

This report shall not be produced in full, without the written approval of the laboratory.



-End of Report-

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TEST REPORT

Client Name	Crystalline Cleaning and Environmental services, Sole Proprietorship LLC	Report No.	ACE-24-R-2979
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date reported	15/10/2024
Consultant	Not Applicable	Request No	ACE-24-S-2979
Project Name	Rihan Heights	Sample No	ACE-24-S-2979
Contractor	Not Applicable	Sample received Date	09/10/2024
Monitoring Location	Tower E Level 18 Main Corridor area	Occupancy status	Occupied
Monitoring Date/Duration	09/10/2024, 3.10 PM to 3.25 PM	Monitored By	06

ENVIRONMENTAL MONITORING - INDOOR AIR QUALITY

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
P.M 1	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	6.60
P.M 2	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	16.49
P.M 4	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	47.82
P.M 10	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	96.40
TSP	ACE-EN-SOP-01 Issue 01 dated 27/11/2023 Rev 0 using Light Scattering Technique by Metone Aerocet 831	$\mu g/m^3$	N. P	103.31
Temperature	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	$^{\circ}C$	N. P	23.68
Relative humidity	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0	%	N. P	59.20
Sulphur Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.25	Not Detected
Nitrogen Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ammonia	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	35	Not Detected
Hydrogen Sulphide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	5	Not Detected
Ozone	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	0.01

Sample No: ACE-24-S-2979
Report No: ACE-24-R-2979

Date Received: 09/10/2024
Date Reported: 15/10/2024

Oxygen	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	%	N. P	20.90
Carbon Monoxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Formaldehyde	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Electro chemical Sensor by Yesplus LGA Multigas Monitor	ppm	0.3	Not Detected
Carbon Dioxide	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Infrared Sensor by Yesplus LGA Multigas Monitor	ppm	30000	438.53
VOC	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using PID Sensor by Yesplus LGA Multigas Monitor	ppm	N. P	Not Detected
Methane	ACE-EN-SOP-02 Issue 01 dated 27/11/2023 Rev 0 using Catalytic combustible Sensor by Yesplus LGA Multigas Monitor	%	N. P	Not Detected

Remarks	The Indoor Air Quality test results are satisfactory as Per OSHAD-SF Occupational Standards and Guidelines Values Version 3.0 July 2016 for 15 min STEL of Air Pollution in working area with respect to the above test only. Equipment Used for Monitoring - Metone Aerocet 831 Particulate matter counter and Yesplus LGA multigas Detector. Monitoring location & Duration - As per Client's Recommendation
Test Method Variation	None
Keywords	N. P – Not Provided.
Test Performed By (Emp ID)	06
Report Prepared By (Emp ID)	06
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

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-End of Report-

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