



INDOOR AIR QUALITY MONITORING REPORT

Testing - NAL 034

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. **WA-R-O-2012-02709**



Request No. : WA-Q-O-2012-00644

Sample No. : WA-S-O-2012-02780

Sampling Date	: 19/12/2020	Report Date.	: 26/12/2020
Analysis Start Date.	: 19/12/2020	Analysis End Date.	: 19/12/2020
Sample Location.	: ADIA HQ, Abudhabi City	Sampled By	: Amin ullah
Scope of work	: Indoor Air Quality Monitoring	Sample Identification	: Ground Floor-Lobby Area
Sample Certificate No	: 2646	Instrument used	: Indoor Air Quality Monitor
Make	: Gray Wolf	Asset Number	: WEL-036
Model Number	: As pro	Serial number	: 2546
Calibration Validity	: 22.10.2021		

Parameters	Test Methods	Units	Results	Specification
CARBON DIOXIDE	OTM: SECTION III-CHAPTER-02	ppm	508	30000
CARBON MONOXIDE	OTM: SECTION III-CHAPTER-02	ppm	1.2	25(TWA)
FORMALDEHYDE	OTM: SECTION III-CHAPTER-02	ppm	ND	0.3
Humidity	BSEN 60079 - 29 - 2-2015	%	57.8	NA
OZONE	BSEN 60079-29-2:2015	ppm	ND	0.2 (TWA)
PARTICULATE MATTER (PM1.0))	ISO-21501-4:2018	µg/m ³	3.36	NA
PARTICULATE MATTER (PM2.5).	ISO-21501-4:2018	µg/m ³	8.56	NA
RSPM [PARTICULATE MATTER (PM10)]	ISO-21501-4:2018	µg/m ³	24.36	NA
Temperature	BSEN 60079 - 29 - 2-2015	°C	22.3	NA
TOTAL SUSPENDEED PARTICLES	ISO-21501-4:2018	µg/m ³	42.54	NA
TVOC	OTM: SECTION III-CHAPTER-02	µg/m ³	214	NA

Note : Remark: The above test results are complying with the AD-OSHAD limits

Remarks :Conclusion - As per the above observation we have found that there is no gaseous contamination exceeding the limit in all monitoring areas, everything under the prescribed limit as per the given standard guideline of AD-OSHAD. The Dust concentration is also under the limit as per the guidelines of given standards limit.

Analyst	Reviewed By	Method Variation
JK	NKS	None

Key Words :NA – Not Available in the OSHAD Guideline, ND-Not Detected, STEL- Short Term Exposure Limit,TWA- Time Weighted Average



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INDOOR AIR QUALITY MONITORING REPORT



Testing - NAL 034

Report No. : WA-R-O-2012-02709

Signed for and on behalf of Wimpey Laboratories

Nishi Shukla



Nishi Kumar Shukla

Senior Environmental Chemist

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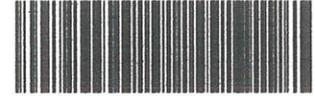
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INDOOR AIR QUALITY MONITORING REPORT

Report No. WA-R-O-2012-02710



Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Request No. : WA-Q-O-2012-00644

Sample No. : WA-S-O-2012-02781

Sampling Date	: 19/12/2020	Report Date.	: 26/12/2020
Analysis Start Date.	: 19/12/2020	Analysis End Date.	: 19/12/2020
Sample Location.	: ADIA HQ, Abudhabi City	Sampled By	: Amin ullah
Scope of work	: Indoor Air Quality Monitoring	Sample Identification	: Level 02 Wing A
Sample Certificate No	: 2646	Instrument used	: Indoor Air Quality Monitor
Make	: Gray Wolf	Asset Number	: WEL-036
Model Number	: As pro	Serial number	: 2546
Calibration Validity	: 22.10.2021		

Parameters	Test Methods	Units	Results	Specification
CARBON DIOXIDE	OTM: SECTION III-CHAPTER-02	ppm	523	30000
CARBON MONOXIDE	OTM: SECTION III-CHAPTER-02	ppm	1.6	25(TWA)
FORMALDEHYDE	OTM: SECTION III-CHAPTER-02	ppm	ND	0.3
Humidity	BSEN 60079 - 29 - 2-2015	%	56.3	NA
OZONE	BSEN 60079-29-2:2015	ppm	ND	0.2 (TWA)
PARTICULATE MATTER (PM1.0)	ISO-21501-4:2018	µg/m ³	3.85	NA
PARTICULATE MATTER (PM2.5).	ISO-21501-4:2018	µg/m ³	9.63	NA
RSPM [PARTICULATE MATTER (PM10)]	ISO-21501-4:2018	µg/m ³	29.35	NA
Temperature	BSEN 60079 - 29 - 2-2015	°C	22.8	NA
TOTAL SUSPENDEED PARTICLES	ISO-21501-4:2018	µg/m ³	65.23	NA
TVOC	OTM: SECTION III-CHAPTER-02	µg/m ³	219	NA

Note : The above test results are complying with the AD-OSHAD limits

Remarks :Conclusion - As per the above observation we have found that there is no gaseous contamination exceeding the limit in all monitoring areas, everything under the prescribed limit as per the given standard guideline of AD-OSHAD. The Dust concentration is also under the limit as per the guidelines of given standards limit.

Analyst	Reviewed By	Method Variation
JK	NKS	None

Key Words :STEL- Short Term Exposure Limit TWA- Time Weighted Average NA – Not Available in the OSHAD Guideline



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INDOOR AIR QUALITY MONITORING REPORT



Testing - NAL 034

Report No. : WA-R-O-2012-02710

Signed for and on behalf of Wimpey Laboratories

Nishi Shukla



Nishi Kumar Shukla

Senior Environmental Chemist

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INDOOR AIR QUALITY MONITORING REPORT

Report No. WA-R-O-2012-02711



Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Request No. : WA-Q-O-2012-00644

Sample No. : WA-S-O-2012-02782

Sampling Date	: 19/12/2020	Report Date.	: 26/12/2020
Analysis Start Date.	: 19/12/2020	Analysis End Date.	: 19/12/2020
Sample Location.	: ADIA HQ, Abudhabi City	Sampled By	: Amin ullah
Scope of work	: Indoor Air Quality Monitoring	Sample Identification	: Level 03- Wing B
Sample Certificate No	: 2646	Instrument used	: Indoor Air Quality Monitor
Make	: Gray Wolf	Asset Number	: WEL-036
Model Number	: As pro	Serial number	: 2546
Calibration Validity	: 22.10.2021		

Parameters	Test Methods	Units	Results	Specification
CARBON DIOXIDE	OTM: SECTION III-CHAPTER-02	ppm	543	30000
CARBON MONOXIDE	OTM: SECTION III-CHAPTER-02	ppm	1.8	25(TWA)
FORMALDEHYDE	OTM: SECTION III-CHAPTER-02	ppm	ND	0.3
Humidity	BSEN 60079 - 29 - 2-2015	%	56.3	NA
OZONE	BSEN 60079-29-2:2015	ppm	ND	0.2 (TWA)
PARTICULATE MATTER (PM1.0))	ISO-21501-4:2018	µg/m ³	4.68	NA
PARTICULATE MATTER (PM2.5).	ISO-21501-4:2018	µg/m ³	11.38	NA
RSPM [PARTICULATE MATTER (PM10)]	ISO-21501-4:2018	µg/m ³	33.72	NA
Temperature	BSEN 60079 - 29 - 2-2015	°C	22.7	NA
TOTAL SUSPENDEED PARTICLES	ISO-21501-4:2018	µg/m ³	61.82	NA
TVOC	OTM: SECTION III-CHAPTER-02	µg/m ³	253	NA

Note : The above test results are complying with the AD-OSHAD limits

Remarks :Conclusion - As per the above observation we have found that there is no gaseous contamination exceeding the limit in all monitoring areas, everything under the prescribed limit as per the given standard guideline of AD-OSHAD. The Dust concentration is also under the limit as per the guidelines of given standards limit.

Analyst	Reviewed By	Method Variation
JK	NKS	None

Key Words :NA – Not Available in the OSHAD Guideline, ND-Not Detected, STEL- Short Term Exposure Limit,TWA-Time Weighted Average



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INDOOR AIR QUALITY MONITORING REPORT



Testing - NAL 034

Report No. : WA-R-O-2012-02711

Signed for and on behalf of Wimpey Laboratories

Nishi Shukla



Nishi Kumar Shukla

Senior Environmental Chemist

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INDOOR AIR QUALITY MONITORING REPORT

Report No. WA-R-O-2012-02712



Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Request No. : WA-Q-O-2012-00644

Sample No. : WA-S-O-2012-02783

Sampling Date	: 19/12/2020	Report Date.	: 26/12/2020
Analysis Start Date.	: 19/12/2020	Analysis End Date.	: 19/12/2020
Sample Location.	: ADIA HQ, Abudhabi City	Sampled By	: Amin ullah
Scope of work	: Indoor Air Quality Monitoring	Sample Identification	: Level 06 Wing A
Sample Certificate No	: 2646	Instrument used	: Indoor Air Quality Monitor
Make	: Gray Wolf	Asset Number	: WEL-036
Model Number	: As pro	Serial number	: 2546
Calibration Validity	: 22.10.2021		

Parameters	Test Methods	Units	Results	Specification
CARBON DIOXIDE	OTM: SECTION III-CHAPTER-02	ppm	547	30000
CARBON MONOXIDE	OTM: SECTION III-CHAPTER-02	ppm	1.7	25(TWA)
FORMALDEHYDE	OTM: SECTION III-CHAPTER-02	ppm	ND	0.3
Humidity	BSEN 60079 - 29 - 2-2015	%	54.6	NA
OZONE	BSEN 60079-29-2:2015	ppm	ND	0.2 (TWA)
PARTICULATE MATTER (PM1.0))	ISO-21501-4:2018	µg/m ³	5.38	NA
PARTICULATE MATTER (PM2.5).	ISO-21501-4:2018	µg/m ³	12.46	NA
RSMP [PARTICULATE MATTER (PM10)]	ISO-21501-4:2018	µg/m ³	42.38	NA
Temperature	BSEN 60079 - 29 - 2-2015	°C	22.7	NA
TOTAL SUSPENDED PARTICLES	ISO-21501-4:2018	µg/m ³	55.67	NA
TVOC	OTM: SECTION III-CHAPTER-02	µg/m ³	266	NA

Note : The above test results are complying with the AD-OSHAD limits

Remarks :Conclusion - As per the above observation we have found that there is no gaseous contamination exceeding the limit in all monitoring areas, everything under the prescribed limit as per the given standard guideline of AD-OSHAD. The Dust concentration is also under the limit as per the guidelines of given standards limit.

Analyst	Reviewed By	Method Variation
JK	NKS	None

Key Words :STEL- Short Term Exposure Limit TWA- Time Weighted Average NA – Not Available in the OSHAD Guideline



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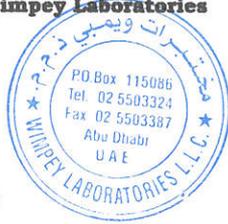


Testing - NAL 034

Report No. : WA-R-O-2012-02712

Signed for and on behalf of Wimpey Laboratories

Nishi Shukla



Nishi Kumar Shukla

Senior Environmental Chemist

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Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-O-2012-02713



Request No. : WA-Q-O-2012-00644

Sample No. : WA-S-O-2012-02784

Sampling Date	: 19/12/2020	Report Date.	: 26/12/2020
Analysis Start Date.	: 19/12/2020	Analysis End Date.	: 19/12/2020
Sample Location.	: ADIA HQ, Abudhabi City	Sampled By	: Amin ullah
Scope of work	: Indoor Air Quality Monitoring	Sample Identification	: Level 09 Wing A
Sample Certificate No	: 2646	Instrument used	: Indoor Air Quality Monitor
Make	: Gray Wolf	Asset Number	: WEL-036
Model Number	: As pro	Serial number	: 2546
Calibration Validity	: 22.10.2021		

Parameters	Test Methods	Units	Results	Specification
CARBON DIOXIDE	OTM: SECTION III-CHAPTER-02	ppm	587	30000
CARBON MONOXIDE	OTM: SECTION III-CHAPTER-02	ppm	1.8	25(TWA)
FORMALDEHYDE	OTM: SECTION III-CHAPTER-02	ppm	ND	0.3
Humidity	BSEN 60079 - 29 - 2-2015	%	55.3	NA
OZONE	BSEN 60079-29-2:2015	ppm	ND	0.2 (TWA)
PARTICULATE MATTER (PM1.0))	ISO-21501-4:2018	µg/m ³	5.38	NA
PARTICULATE MATTER (PM2.5).	ISO-21501-4:2018	µg/m ³	12.76	NA
RSPM [PARTICULATE MATTER (PM10)]	ISO-21501-4:2018	µg/m ³	35.38	NA
Temperature	BSEN 60079 - 29 - 2-2015	°C	22.8	NA
TOTAL SUSPENDED PARTICLES	ISO-21501-4:2018	µg/m ³	55.37	NA
TVOC	OTM: SECTION III-CHAPTER-02	µg/m ³	232	NA

Note : The above test results are complying with the AD-OSHA limits

Remarks :Conclusion - As per the above observation we have found that there is no gaseous contamination exceeding the limit in all monitoring areas, everything under the prescribed limit as per the given standard guideline of AD-OSHA. The Dust concentration is also under the limit as per the guidelines of given standards limit.

Analyst	Reviewed By	Method Variation
JK	NKS	None

Key Words :STEL- Short Term Exposure Limit TWA- Time Weighted Average NA – Not Available in the OSHA Guideline



Signed for and on behalf of Wimpey Laboratories

Nishi Kumar Shukla

Nishi Kumar Shukla

Senior Environmental Chemist



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Testing - NAL 034

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. **WA-R-O-2012-02714**



Request No. : WA-Q-O-2012-00644

Sample No. : WA-S-O-2012-02785

Sampling Date	: 19/12/2020	Report Date.	: 26/12/2020
Analysis Start Date.	: 19/12/2020	Analysis End Date.	: 19/12/2020
Sample Location.	: ADIA HQ, Abudhabi City	Sampled By	: Amin ullah
Scope of work	: Indoor Air Quality Monitoring	Sample Identification	: Level 12 Wing A
Sample Certificate No	: 2646	Instrument used	: Indoor Air Quality Monitor
Make	: Gray Wolf	Asset Number	: WEL-036
Model Number	: As pro	Serial number	: 2546
Calibration Validity	: 22.10.2021		

Parameters	Test Methods	Units	Results	Specification
CARBON DIOXIDE	OTM: SECTION III-CHAPTER-02	ppm	572	30000
CARBON MONOXIDE	OTM: SECTION III-CHAPTER-02	ppm	1.8	25(TWA)
FORMALDEHYDE	OTM: SECTION III-CHAPTER-02	ppm	ND	0.3
Humidity	BSEN 60079 - 29 - 2-2015	%	56.3	NA
OZONE	BSEN 60079-29-2:2015	ppm	ND	0.2(TWA)
PARTICULATE MATTER (PM1.0))	ISO-21501-4:2018	µg/m ³	3.72	NA
PARTICULATE MATTER (PM2.5).	ISO-21501-4:2018	µg/m ³	7.63	NA
RSPM [PARTICULATE MATTER (PM10)]	ISO-21501-4:2018	µg/m ³	21.42	NA
Temperature	BSEN 60079 - 29 - 2-2015	°C	21.8	NA
TOTAL SUSPENDEED PARTICLES	ISO-21501-4:2018	µg/m ³	36.38	NA
TVOC	OTM: SECTION III-CHAPTER-02	µg/m ³	235	NA

Note : The above test results are complying with the AD-OSHAD limits

Remarks :Conclusion - As per the above observation we have found that there is no gaseous contamination exceeding the limit in all monitoring areas, everything under the prescribed limit as per the given standard guideline of AD-OSHAD. The Dust concentration is also under the limit as per the guidelines of given standards limit.

Analyst	Reviewed By	Method Variation
JK	NKS	None

Key Words :STEL- Short Term Exposure Limit TWA- Time Weighted Average NA – Not Available in the OSHAD Guideline



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INDOOR AIR QUALITY MONITORING REPORT



Testing - NAL 034

Report No. : WA-R-O-2012-02714

Signed for and on behalf of Wimpey Laboratories

Nishi Shukla



Nishi Kumar Shukla
Senior Environmental Chemist

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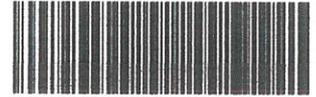
Testing - NAL 034

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-O-2012-02715



Request No. : WA-Q-O-2012-00644

Sample No. : WA-S-O-2012-02786

Sampling Date	: 19/12/2020	Report Date.	: 26/12/2020
Analysis Start Date.	: 19/12/2020	Analysis End Date.	: 19/12/2020
Sample Location.	: ADIA HQ, Abudhabi City	Sampled By	: Amin ullah
Scope of work	: Indoor Air Quality Monitoring	Sample Identification	: Level 14 Wing A
Sample Certificate No	: 2646	Instrument used	: Indoor Air Quality Monitor
Make	: Gray Wolf	Asset Number	: WEL-036
Model Number	: As pro	Serial number	: 2546
Calibration Validity	: 22.10.2021		

Parameters	Test Methods	Units	Results	Specification
CARBON DIOXIDE	OTM: SECTION III-CHAPTER-02	ppm	588	30000
CARBON MONOXIDE	OTM: SECTION III-CHAPTER-02	ppm	2.1	25(TWA)
FORMALDEHYDE	OTM: SECTION III-CHAPTER-02	ppm	ND	0.3
Humidity	BSEN 60079 - 29 - 2-2015	%	54.8	NA
OZONE	BSEN 60079-29-2:2015	ppm	ND	0.2 (TWA)
PARTICULATE MATTER (PM1.0))	ISO-21501-4:2018	µg/m ³	4.51	NA
PARTICULATE MATTER (PM2.5).	ISO-21501-4:2018	µg/m ³	9.28	NA
RSPM [PARTICULATE MATTER (PM10)]	ISO-21501-4:2018	µg/m ³	41.35	NA
Temperature	BSEN 60079 - 29 - 2-2015	°C	22.3	NA
TOTAL SUSPENDEED PARTICLES	ISO-21501-4:2018	µg/m ³	65.48	NA
TVOC	OTM: SECTION III-CHAPTER-02	µg/m ³	261	NA

Note : AD-OSHAD – Abu Dhabi Occupational Safety and Health System Framework Guideline version 3.0, July 2016

Remarks :Conclusion - As per the above observation we have found that there is no gaseous contamination exceeding the limit in all monitoring areas, everything under the prescribed limit as per the given standard guideline of AD-OSHAD. The Dust concentration is also under the limit as per the guidelines of given standards limit.

Analyst	Reviewed By	Method Variation
JK	NKS	None

Key Words :STEL- Short Term Exposure Limit TWA- Time Weighted Average NA – Not Available in the OSHAD Guideline



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Testing - NAL 034

Report No. : WA-R-O-2012-02715

Signed for and on behalf of Wimpey Laboratories

Nishi Shukla



Nishi Kumar Shukla
Senior Environmental Chemist

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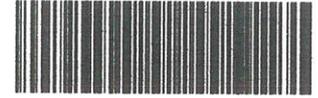


Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-O-2012-02716



Request No. : WA-Q-O-2012-00644

Sample No. : WA-S-O-2012-02787

Sampling Date	: 19/12/2020	Report Date.	: 26/12/2020
Analysis Start Date.	: 19/12/2020	Analysis End Date.	: 19/12/2020
Sample Location.	: ADIA HQ, Abudhabi City	Sampled By	: Amin ullah
Scope of work	: Indoor Air Quality Monitoring	Sample Identification	: Level 15 Wing B
Sample Certificate No	: 2646	Instrument used	: Indoor Air Quality Monitor
Make	: Gray Wolf	Asset Number	: WEL-036
Model Number	: As pro	Serial number	: 2546
Calibration Validity	: 22.10.2021		

Parameters	Test Methods	Units	Results	Specification
CARBON DIOXIDE	OTM: SECTION III-CHAPTER-02	ppm	602	30000
CARBON MONOXIDE	OTM: SECTION III-CHAPTER-02	ppm	1.9	25(TWA)
FORMALDEHYDE	OTM: SECTION III-CHAPTER-02	ppm	ND	0.3
Humidity	BSEN 60079 - 29 - 2-2015	%	57.3	NA
OZONE	BSEN 60079-29-2:2015	ppm	ND	0.2 (TWA)
PARTICULATE MATTER (PM1.0))	ISO-21501-4:2018	µg/m ³	3.66	NA
PARTICULATE MATTER (PM2.5).	ISO-21501-4:2018	µg/m ³	7.28	NA
RSPM [PARTICULATE MATTER (PM10)]	ISO-21501-4:2018	µg/m ³	31.36	NA
Temperature	BSEN 60079 - 29 - 2-2015	°C	22.1	NA
TOTAL SUSPENDED PARTICLES	ISO-21501-4:2018	µg/m ³	58.52	NA
TVOC	OTM: SECTION III-CHAPTER-02	µg/m ³	240	NA

Note : AD-OSHAD – Abu Dhabi Occupational Safety and Health System Framework Guideline version 3.0, July 2016

Remarks :Conclusion - As per the above observation we have found that there is no gaseous contamination exceeding the limit in all monitoring areas, everything under the prescribed limit as per the given standard guideline of AD-OSHAD. The Dust concentration is also under the limit as per the guidelines of given standards limit.

Analyst	Reviewed By	Method Variation
JK	NKS	None

Key Words :STEL- Short Term Exposure Limit TWA- Time Weighted Average NA – Not Available in the OSHAD Guideline



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Testing - NAL 034

Report No. : WA-R-O-2012-02716

Signed for and on behalf of Wimpey Laboratories

Nishi Shukla



Nishi Kumar Shukla

Senior Environmental Chemist

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Testing - NAL 034

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-O-2012-02717



Request No. : WA-Q-O-2012-00644

Sample No. : WA-S-O-2012-02788

Sampling Date	: 19/12/2020	Report Date.	: 26/12/2020
Analysis Start Date.	: 19/12/2020	Analysis End Date.	: 19/12/2020
Sample Location.	: ADIA HQ, Abudhabi City	Sampled By	: Amin ullah
Scope of work	: Indoor Air Quality Monitoring	Sample Identification	: Level 21 Wing A
Sample Certificate No	: 2646	Instrument used	: Indoor Air Quality Monitor
Make	: Gray Wolf	Asset Number	: WEL-036
Model Number	: As pro	Serial number	: 2546
Calibration Validity	: 22.10.2021		

Parameters	Test Methods	Units	Results	Specification
CARBON DIOXIDE	OTM: SECTION III-CHAPTER-02	ppm	612	30000
CARBON MONOXIDE	OTM: SECTION III-CHAPTER-02	ppm	1.7	25(TWA)
FORMALDEHYDE	OTM: SECTION III-CHAPTER-02	ppm	ND	0.3
Humidity	BSEN 60079 - 29 - 2-2015	%	56.3	NA
OZONE	BSEN 60079-29-2:2015	ppm	ND	0.2(TWA)
PARTICULATE MATTER (PM1.0))	ISO-21501-4:2018	µg/m ³	5.32	NA
PARTICULATE MATTER (PM2.5).	ISO-21501-4:2018	µg/m ³	11.38	NA
RSPM [PARTICULATE MATTER (PM10)]	ISO-21501-4:2018	µg/m ³	43.72	NA
Temperature	BSEN 60079 - 29 - 2-2015	°C	22.6	NA
TOTAL SUSPENDEED PARTICLES	ISO-21501-4:2018	µg/m ³	60.38	NA
TVOC	OTM: SECTION III-CHAPTER-02	µg/m ³	272	NA

Note : AD-OSHAD – Abu Dhabi Occupational Safety and Health System Framework Guideline version 3.0, July 2016

Remarks :Conclusion - As per the above observation we have found that there is no gaseous contamination exceeding the limit in all monitoring areas, everything under the prescribed limit as per the given standard guideline of AD-OSHAD. The Dust concentration is also under the limit as per the guidelines of given standards limit.

Analyst	Reviewed By	Method Variation
JK	NKS	None

Key Words :STEL- Short Term Exposure Limit TWA- Time Weighted Average NA – Not Available in the OSHAD Guideline



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INDOOR AIR QUALITY MONITORING REPORT



Testing - NAL 034

Report No. : WA-R-O-2012-02717

Signed for and on behalf of Wimpey Laboratories

Nishi Shukla



Nishi Kumar Shukla

Senior Environmental Chemist

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INDOOR AIR QUALITY MONITORING REPORT

Testing - NAL 034

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-O-2012-02718



Request No. : WA-Q-O-2012-00644

Sample No. : WA-S-O-2012-02789

Sampling Date	: 19/12/2020	Report Date.	: 26/12/2020
Analysis Start Date.	: 19/12/2020	Analysis End Date.	: 19/12/2020
Sample Location.	: ADIA HQ, Abudhabi City	Sampled By	: Amin ullah
Scope of work	: Indoor Air Quality Monitoring	Sample Identification	: Level 25 Wing B
Sample Certificate No	: 2646	Instrument used	: Indoor Air Quality Monitor
Make	: Gray wolf	Asset Number	: WEL-036
Model Number	: As pro	Serial number	: 2546
Calibration Validity	: 22.10.2021		

Parameters	Test Methods	Units	Results	Specification
CARBON DIOXIDE	OTM: SECTION III-CHAPTER-02	ppm	629	30000
CARBON MONOXIDE	OTM: SECTION III-CHAPTER-02	ppm	2.12	25(TWA)
FORMALDEHYDE	OTM: SECTION III-CHAPTER-02	ppm	ND	0.3
Humidity	BSEN 60079 - 29 - 2-2015	%	55.3	NA
OZONE	BSEN 60079-29-2:2015	ppm	ND	0.2 (TWA)
PARTICULATE MATTER (PM1.0))	ISO-21501-4:2018	µg/m ³	4.72	NA
PARTICULATE MATTER (PM2.5).	ISO-21501-4:2018	µg/m ³	9.66	NA
RSPM [PARTICULATE MATTER (PM10)]	ISO-21501-4:2018	µg/m ³	29.75	NA
Temperature	BSEN 60079 - 29 - 2-2015	°C	22.8	NA
TOTAL SUSPENDEED PARTICLES	ISO-21501-4:2018	µg/m ³	48.38	NA
TVOC	OTM: SECTION III-CHAPTER-02	µg/m ³	228	NA

Note : AD-OSHAD – Abu Dhabi Occupational Safety and Health System Framework Guideline version 3.0, July 2016

Remarks :Conclusion - As per the above observation we have found that there is no gaseous contamination exceeding the limit in all monitoring areas, everything under the prescribed limit as per the given standard guideline of AD-OSHAD. The Dust concentration is also under the limit as per the guidelines of given standards limit.

Analyst	Reviewed By	Method Variation
JK	NKS	None

Key Words :STEL- Short Term Exposure Limit TWA- Time Weighted Average NA – Not Available in the OSHAD Guideline



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INDOOR AIR QUALITY MONITORING REPORT



Testing - NAL 034

Report No. : WA-R-O-2012-02718

Signed for and on behalf of Wimpey Laboratories

Nishi Shukla



Nishi Kumar Shukla

Senior Environmental Chemist

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INDOOR AIR QUALITY MONITORING REPORT

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. **WA-R-O-2012-02719**



Request No. : WA-Q-O-2012-00644

Sample No. : WA-S-O-2012-02790

Sampling Date	: 19/12/2020	Report Date.	: 26/12/2020
Analysis Start Date.	: 19/12/2020	Analysis End Date.	: 19/12/2020
Sample Location.	: ADIA HQ, Abudhabi City	Sampled By	: Amin ullah
Scope of work	: Indoor Air Quality Monitoring	Sample Identification	: Level 30 Wing B
Sample Certificate No	: 2646	Instrument used	: Indoor Air Quality Monitor
Make	: Gray Wolf	Asset Number	: WEL-036
Model Number	: As pro	Serial number	: 2546
Calibration Validity	: 20.10.2021		

Parameters	Test Methods	Units	Results	Specification
CARBON DIOXIDE	OTM: SECTION III-CHAPTER-02	ppm	598	30000
CARBON MONOXIDE	OTM: SECTION III-CHAPTER-02	ppm	1.8	25(TWA)
FORMALDEHYDE	OTM: SECTION III-CHAPTER-02	ppm	ND	0.3
Humidity	BSEN 60079 - 29 - 2-2015	%	58.8	NA
OZONE	BSEN 60079-29-2:2015	ppm	ND	0.2 (TWA)
PARTICULATE MATTER (PM1.0))	ISO-21501-4:2018	µg/m ³	2.26	NA
PARTICULATE MATTER (PM2.5).	ISO-21501-4:2018	µg/m ³	6.83	NA
RSPM [PARTICULATE MATTER (PM10)]	ISO-21501-4:2018	µg/m ³	14.38	NA
Temperature	BSEN 60079 - 29 - 2-2015	°C	21.8	NA
TOTAL SUSPENDED PARTICLES	ISO-21501-4:2018	µg/m ³	25.74	NA
TVOC	OTM: SECTION III-CHAPTER-02	µg/m ³	202	NA

Note : AD-OSHAD – Abu Dhabi Occupational Safety and Health System Framework Guideline version 3.0, July 2016

Remarks :Conclusion - As per the above observation we have found that there is no gaseous contamination exceeding the limit in all monitoring areas, everything under the prescribed limit as per the given standard guideline of AD-OSHAD. The Dust concentration is also under the limit as per the guidelines of given standards limit.

Analyst	Reviewed By	Method Variation
JK	NKS	None

Key Words :STEL- Short Term Exposure Limit TWA- Time Weighted Average NA – Not Available in the OSHAD Guideline



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INDOOR AIR QUALITY MONITORING REPORT

Testing - NAL 034

Report No. : WA-R-O-2012-02719

Signed for and on behalf of Wimpey Laboratories

Nishi Shukla



Nishi Kumar Shukla
Senior Environmental Chemist

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INDOOR AIR QUALITY MONITORING REPORT

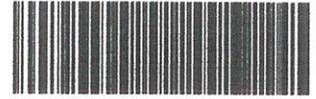
Testing - NAL 034

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. **WA-R-O-2012-02720**



Request No. : WA-Q-O-2012-00644

Sample No. : WA-S-O-2012-02791

Sampling Date	: 19/12/2020	Report Date.	: 26/12/2020
Analysis Start Date.	: 19/12/2020	Analysis End Date.	: 19/12/2020
Sample Location.	: ADIA HQ, Abudhabi City	Sampled By	: Amin ullah
Scope of work	: Indoor Air Quality Monitoring	Sample Identification	: Level 32 Wing A
Sample Certificate No	: 2646	Instrument used	: Indoor Air Quality Monitor
Make	: Gray Wolf	Asset Number	: WEL-036
Model Number	: As pro	Serial number	: 2546
Calibration Validity	: 22.10.2021		

Parameters	Test Methods	Units	Results	Specification
CARBON DIOXIDE	OTM: SECTION III-CHAPTER-02	ppm	611	30000
CARBON MONOXIDE	OTM: SECTION III-CHAPTER-02	ppm	2.1	25(TWA)
FORMALDEHYDE	OTM: SECTION III-CHAPTER-02	ppm	ND	0.3
Humidity	BSEN 60079 - 29 - 2-2015	%	59.2	NA
OZONE	BSEN 60079-29-2:2015	ppm	ND	0.2(TWA)
PARTICULATE MATTER (PM1.0))	ISO-21501-4:2018	µg/m ³	2.06	NA
PARTICULATE MATTER (PM2.5).	ISO-21501-4:2018	µg/m ³	5.43	NA
RSPM [PARTICULATE MATTER (PM10)]	ISO-21501-4:2018	µg/m ³	12.72	NA
Temperature	BSEN 60079 - 29 - 2-2015	°C	21.5	NA
TOTAL SUSPENDED PARTICLES	ISO-21501-4:2018	µg/m ³	19.66	NA
TVOC	OTM: SECTION III-CHAPTER-02	µg/m ³	241	NA

Note : AD-OSHAD – Abu Dhabi Occupational Safety and Health System Framework Guideline version 3.0, July 2016

Remarks :Conclusion - As per the above observation we have found that there is no gaseous contamination exceeding the limit in all monitoring areas, everything under the prescribed limit as per the given standard guideline of AD-OSHAD. The Dust concentration is also under the limit as per the guidelines of given standards limit.

Analyst	Reviewed By	Method Variation
JK	NKS	None

Key Words :STEL- Short Term Exposure Limit TWA- Time Weighted Average NA – Not Available in the OSHAD Guideline



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Testing - NAL 034

Report No. : WA-R-O-2012-02720

Signed for and on behalf of Wimpey Laboratories

Nishi Shukla



Nishi Kumar Shukla

Senior Environmental Chemist

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INDOOR AIR QUALITY MONITORING REPORT

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-O-2012-02721



Request No. : WA-Q-O-2012-00644

Sample No. : WA-S-O-2012-02792

Sampling Date	: 19/12/2020	Report Date.	: 26/12/2020
Analysis Start Date.	: 19/12/2020	Analysis End Date.	: 19/12/2020
Sample Location.	: ADIA HQ, Abudhabi City	Sampled By	: Amin ullah
Scope of work	: Indoor Air Quality Monitoring	Sample Identification	: Level 36 Wing A
Sample Certificate No	: 2646	Instrument used	: Indoor Air Quality Monitor
Make	: Gray Wolf	Asset Number	: WEL-036
Model Number	: As pro	Serial number	: 2546
Calibration Validity	: 22.10.2021		

Parameters	Test Methods	Units	Results	Specification
CARBON DIOXIDE	OTM: SECTION III-CHAPTER-02	ppm	619	30000
CARBON MONOXIDE	OTM: SECTION III-CHAPTER-02	ppm	1.9	25(TWA)
FORMALDEHYDE	OTM: SECTION III-CHAPTER-02	ppm	ND	0.3
Humidity	BSEN 60079 - 29 - 2-2015	%	56.7	NA
OZONE	BSEN 60079-29-2:2015	ppm	ND	0.2(TWA)
PARTICULATE MATTER (PM1.0))	ISO-21501-4:2018	µg/m ³	3.65	NA
PARTICULATE MATTER (PM2.5).	ISO-21501-4:2018	µg/m ³	7.38	NA
RSPM [PARTICULATE MATTER (PM10)]	ISO-21501-4:2018	µg/m ³	19.31	NA
Temperature	BSEN 60079 - 29 - 2-2015	°C	21.8	NA
TOTAL SUSPENDEED PARTICLES	ISO-21501-4:2018	µg/m ³	31.22	NA
TVOC	OTM: SECTION III-CHAPTER-02	µg/m ³	257	NA

Note : AD-OSHAD – Abu Dhabi Occupational Safety and Health System Framework Guideline version 3.0, July 2016

Remarks :Conclusion - As per the above observation we have found that there is no gaseous contamination exceeding the limit in all monitoring areas, everything under the prescribed limit as per the given standard guideline of AD-OSHAD. The Dust concentration is also under the limit as per the guidelines of given standards limit.

Analyst	Reviewed By	Method Variation
JK	NKS	None

Key Words :STEL- Short Term Exposure Limit TWA- Time Weighted Average NA – Not Available in the OSHAD Guideline



Signed for and on behalf of Wimpey Laboratories

Nishi Kumar Shukla



Nishi Kumar Shukla

Senior Environmental Chemist

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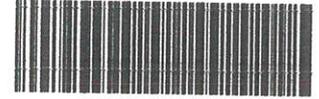
INDOOR AIR QUALITY MONITORING REPORT

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-O-2012-02629



Request No. : WA-Q-O-2012-00624

Sample No. : WA-S-O-2012-02698

Sampling Date	: 15/12/2020	Report Date.	: 20/12/2020
Analysis Start Date.	: 15/12/2020	Analysis End Date.	: 15/12/2020
Sample Location.	: ADIA-BRC, Mussafah	Sampled By	: Amin ullah
Scope of work	: Indoor Air Quality Monitoring	Sample Identification	: Ground Floor Phase 2 Open Office
Sample Certificate No	: 2987	Instrument used	: Indoor air quality monitor
Make	: Gray Wolf	Asset Number	: WEL-036
Model Number	: As pro	Serial number	: 2549
Calibration Validity	: 20.10.2021		

Parameters	Test Methods	Units	Results	Specification
CARBON DIOXIDE	OTM: SECTION III- CHAPTER-02	ppm	539	30000 (STEL)
CARBON MONOXIDE	OTM: SECTION III- CHAPTER-02	ppm	2.54	25(TWA)
FORMALDEHYDE	OTM: SECTION III- CHAPTER-02	ppm	ND	0.3 (STEL)
Humidity	BSEN 60079 - 29 - 2-2015	%	53.76	
OZONE	BSEN 60079-29-2:2015	ppm	ND	0.2
PARTICULATE MATTER (PM1.0))	ISO-21501-4:2018	µg/m ³	5.32	NA
PARTICULATE MATTER (PM2.5).	ISO-21501-4:2018	µg/m ³	14.32	NA
RSPM [PARTICULATE MATTER (PM10)]	ISO-21501-4:2018	µg/m ³	45.23	NA
Temperature	BSEN 60079 - 29 - 2-2015	°C	23.7	NA
TOTAL SUSPENDED PARTICLES	ISO-21501-4:2018	µg/m ³	74.31	NA
TVOC	OTM: SECTION III- CHAPTER-02	µg/m ³	271	NA

Note : AD-OSHAD – Abu Dhabi Occupational Safety and Health System Framework Guideline version 3.0, July 2016

Remarks :CONCLUSION - As per the above observation we have found that there is no gaseous contamination exceeding the limit in all monitoring areas, everything under the prescribed limit as per the given standard guideline of AD-OSHAD. The Dust concentration is also under the limit as per the guidelines of given standards limit.

Analyst	Reviewed By	Method Variation
AK	NKS	None

Key Words :Not Available in the OSHAD Guideline, ND-Not Detected.



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INDOOR AIR QUALITY MONITORING REPORT



Testing - NAL 034

Report No. : WA-R-O-2012-02629

Signed for and on behalf of Wimpey Laboratories

Nishi Shukla



Nishi Kumar Shukla
Senior Environmental Chemist

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INDOOR AIR QUALITY MONITORING REPORT

Testing - NAL 034

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-O-2012-02628



Request No. : WA-Q-O-2012-00624

Sample No. : WA-S-O-2012-02697

Sampling Date	: 15/12/2020	Report Date.	: 20/12/2020
Analysis Start Date.	: 15/12/2020	Analysis End Date.	: 15/12/2020
Sample Location.	: ADIA-BRC, Mussafah	Sampled By	: Amin ullah
Scope of work	: Indoor Air Quality Monitoring	Sample Identification	: M Floor Open Office
Sample Certificate No	: 2987	Instrument used	: Indoor air quality monitor
Make	: Gray Wolf	Asset Number	: WEL-036
Model Number	: As pro	Serial number	: 2546
Calibration Validity	: 20.10.2021		

Parameters	Test Methods	Units	Results	Specification
CARBON DIOXIDE	OTM: SECTION III-CHAPTER-02	ppm	523	30000 (STEL)
CARBON MONOXIDE	OTM: SECTION III-CHAPTER-02	ppm	1.93	25(TWA)
FORMALDEHYDE	OTM: SECTION III-CHAPTER-02	ppm	ND	0.3 (STEL)
Humidity	BSEN 60079 - 29 - 2-2015	%	53.2	NA
OZONE	BSEN 60079-29-2:2015	ppm	ND	0.20
PARTICULATE MATTER (PM1.0))	ISO-21501-4:2018	µg/m ³	4.21	NA
PARTICULATE MATTER (PM2.5).	ISO-21501-4:2018	µg/m ³	12.26	NA
RSPM [PARTICULATE MATTER (PM10)]	ISO-21501-4:2018	µg/m ³	42.32	NA
Temperature	BSEN 60079 - 29 - 2-2015	°C	23.1	NA
TOTAL SUSPENDED PARTICLES	ISO-21501-4:2018	µg/m ³	83.42	NA
TVOC	OTM: SECTION III-CHAPTER-02	µg/m ³	278	NA

Note : AD-OSHAD – Abu Dhabi Occupational Safety and Health System Framework Guideline version 3.0, July 2016

Remarks :CONCLUSION - As per the above observation we have found that there is no gaseous contamination exceeding the limit in all monitoring areas, everything under the prescribed limit as per the given standard guideline of AD-OSHAD. The Dust concentration is also under the limit as per the guidelines of given standards limit.

Analyst	Reviewed By	Method Variation
AK	NKS	None

Key Words :NA- Not Available in the OSHAD Guideline, ND-Not Detected.



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INDOOR AIR QUALITY MONITORING REPORT



Testing - NAL 034

Report No. : WA-R-O-2012-02628

Signed for and on behalf of Wimpey Laboratories

Nishi Shukla



Nishi Kumar Shukla

Senior Environmental Chemist

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MICROBIOLOGY AIR MONITORING TEST REPORT

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-O-2012-02701



Request No. : WA-Q-O-2012-00643

Sample No. : WA-S-O-2012-02772

Sampling Date	: 19/12/2020	Report Date.	: 24/12/2020
Analysis Start Date.	: 19/12/2020	Analysis End Date.	: 24/12/2020
Sample Location.	: ADIA HQ, Abudhabi City	Sampled By	: Jyothish Krishnan
Scope of work	: Micro Air Quality Monitoring	Sample Identification	: Ground Floor-Lobby Area
Sample Certificate No	: 2993	Method used	: CCFRA
Sample Type	: Micro Air Quality Monitoring		

Parameters	Test Methods	Units	Results	Specification
Total Bacterial Count (TBC)	CCFRA 1.1.1 5th Ed. 2007	CFU/M ³	11	1000CFU/M ³
Yeast and Mould	CCFRA 2.1.1 5th Ed. 2007	CFU/M ³	04	1000CFU/M ³

Note : Limit based on: ADNOC-COPV3-07 Technical Guidelines note on indoor air quality & indoor environments for airborne biological agents.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; CCFRA-Camden Chorleywood Food Research Association.

Signed for and on behalf of Wimpey Laboratories



Dr. Suresh Murugan Ph.D

Head of Microbiology Department

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MICROBIOLOGY AIR MONITORING TEST REPORT

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-O-2012-02702



Request No. : WA-Q-O-2012-00643

Sample No. : WA-S-O-2012-02773

Sampling Date	: 19/12/2020	Report Date.	: 24/12/2020
Analysis Start Date.	: 19/12/2020	Analysis End Date.	: 24/12/2020
Sample Location.	: ADIA HQ, Abudhabi City	Sampled By	: Jyothish Krishnan
Scope of work	: Micro Air Quality Monitoring	Sample Identification	: Level 02 Wing A
Sample Certificate No	: 2993	Method used	: CCFRA
Sample Type	: Micro Air Quality Monitoring		

Parameters	Test Methods	Units	Results	Specification
Total Bacterial Count (TBC)	CCFRA 1.1.1 5th Ed. 2007	CFU/M ³	06	1000CFU/M ³
Yeast and Mould	CCFRA 2.1.1 5th Ed. 2007	CFU/M ³	10	1000CFU/M ³

Note : Limit based on: ADNOC-COPV3-07 Technical Guidelines note on indoor air quality & indoor environments for airborne biological agents.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; CCFRA-Camden Chorleywood Food Research Association.

Signed for and on behalf of Wimpey Laboratories



Dr. Suresh Murugan Ph.D

Head of Microbiology Department

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MICROBIOLOGY AIR MONITORING TEST REPORT

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-O-2012-02703



Request No. : WA-Q-O-2012-00643

Sample No. : WA-S-O-2012-02774

Sampling Date	: 19/12/2020	Report Date.	: 24/12/2020
Analysis Start Date.	: 19/12/2020	Analysis End Date.	: 24/12/2020
Sample Location.	: ADIA HQ, Abudhabi City	Sampled By	: Jyothish Krishnan
Scope of work	: Micro Air Quality Monitoring	Sample Identification	: Level 06 Wing A
Sample Certificate No	: 2993	Method used	: CCFRA
Sample Type	: Micro Air Quality Monitoring		

Parameters	Test Methods	Units	Results	Specification
Total Bacterial Count (TBC)	CCFRA 1.1.1 5th Ed. 2007	CFU/M ³	17	1000CFU/M ³
Yeast and Mould	CCFRA 2.1.1 5th Ed. 2007	CFU/M ³	10	1000CFU/M ³

Note : Limit based on: ADNOC-COPV3-07 Technical Guidelines note on indoor air quality & indoor environments for airborne biological agents.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; CCFRA-Camden Chorleywood Food Research Association.

Signed for and on behalf of Wimpey Laboratories



Dr. Suresh Murugan Ph.D

Head of Microbiology Department

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MICROBIOLOGY AIR MONITORING TEST REPORT

Customer Details

Report No. WA-R-O-2012-02704

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.



Request No. : WA-Q-O-2012-00643

Sample No. : WA-S-O-2012-02775

Sampling Date	: 19/12/2020	Report Date.	: 24/12/2020
Analysis Start Date.	: 19/12/2020	Analysis End Date.	: 24/12/2020
Sample Location.	: ADIA HQ, Abudhabi City	Sampled By	: Jyothish Krishnan
Scope of work	: Micro Air Quality Monitoring	Sample Identification	: Level 12 Wing A
Sample Certificate No	: 2993	Method used	: CCFRA
Sample Type	: Micro Air Quality Monitoring		

Parameters	Test Methods	Units	Results	Specification
Total Bacterial Count (TBC)	CCFRA 1.1.1 5th Ed. 2007	CFU/M ³	18	1000CFU/M ³
Yeast and Mould	CCFRA 2.1.1 5th Ed. 2007	CFU/M ³	06	1000CFU/M ³

Note : Limit based on: ADNOC-COPV3-07 Technical Guidelines note on indoor air quality & indoor environments for airborne biological agents.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; CCFRA-Camden Chorleywood Food Research Association.

Signed for and on behalf of Wimpey Laboratories



Dr. Suresh Murugan Ph.D

Head of Microbiology Department

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MICROBIOLOGY AIR MONITORING TEST REPORT

Customer Details

Report No. WA-R-O-2012-02705

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.



Request No. : WA-Q-O-2012-00643

Sample No. : WA-S-O-2012-02776

Sampling Date	: 19/12/2020	Report Date.	: 24/12/2020
Analysis Start Date.	: 19/12/2020	Analysis End Date.	: 24/12/2020
Sample Location.	: ADIA HQ, Abudhabi City	Sampled By	: Jyothish Krishnan
Scope of work	: Micro Air Quality Monitoring	Sample Identification	: Level 15 Wing B
Sample Certificate No	: 2993	Method used	: CCFRA
Sample Type	: Micro Air Quality Monitoring		

Parameters	Test Methods	Units	Results	Specification
Total Bacterial Count (TBC)	CCFRA 1.1.1 5th Ed. 2007	CFU/M ³	12	1000CFU/M ³
Yeast and Mould	CCFRA 2.1.1 5th Ed. 2007	CFU/M ³	04	1000CFU/M ³

Note : Limit based on: ADNOC-COPV3-07 Technical Guidelines note on indoor air quality & indoor environments for airborne biological agents.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; CCFRA-Camden Chorleywood Food Research Association.

Signed for and on behalf of Wimpey Laboratories



Dr. Suresh Murugan Ph.D

Head of Microbiology Department

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MICROBIOLOGY AIR MONITORING TEST REPORT

Customer Details

Report No. WA-R-O-2012-02706

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.



Request No. : WA-Q-O-2012-00643

Sample No. : WA-S-O-2012-02777

Sampling Date	: 19/12/2020	Report Date.	: 24/12/2020
Analysis Start Date.	: 19/12/2020	Analysis End Date.	: 24/12/2020
Sample Location.	: ADIA HQ, Abudhabi City	Sampled By	: Jyothish Krishnan
Scope of work	: Micro Air Quality Monitoring	Sample Identification	: Level 25 Wing B
Sample Certificate No	: 2993	Method used	: CCFRA
Sample Type	: Micro Air Quality Monitoring		

Parameters	Test Methods	Units	Results	Specification
Total Bacterial Count (TBC)	CCFRA 1.1.1 5th Ed. 2007	CFU/M ³	17	1000CFU/M ³
Yeast and Mould	CCFRA 2.1.1 5th Ed. 2007	CFU/M ³	21	1000CFU/M ³

Note : Limit based on: ADNOC-COPV3-07 Technical Guidelines note on indoor air quality & indoor environments for airborne biological agents.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; CCFRA-Camden Chorleywood Food Research Association.

Signed for and on behalf of Wimpey Laboratories



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Head of Microbiology Department

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MICROBIOLOGY AIR MONITORING TEST REPORT

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-O-2012-02707



Request No. : WA-Q-O-2012-00643

Sample No. : WA-S-O-2012-02778

Sampling Date	: 19/12/2020	Report Date.	: 24/12/2020
Analysis Start Date.	: 19/12/2020	Analysis End Date.	: 24/12/2020
Sample Location.	: ADIA HQ, Abudhabi City	Sampled By	: Jyothish Krishnan
Scope of work	: Micro Air Quality Monitoring	Sample Identification	: Level 30 Wing B
Sample Certificate No	: 2993	Method used	: CCFRA
Sample Type	: Micro Air Quality Monitoring		

Parameters	Test Methods	Units	Results	Specification
Total Bacterial Count (TBC)	CCFRA 1.1.1 5th Ed. 2007	CFU/M ³	19	1000CFU/M ³
Yeast and Mould	CCFRA 2.1.1 5th Ed. 2007	CFU/M ³	15	1000CFU/M ³

Note : Limit based on: ADNOC-COPV3-07 Technical Guidelines note on indoor air quality & indoor environments for airborne biological agents.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; CCFRA-Camden Chorleywood Food Research Association.

Signed for and on behalf of Wimpey Laboratories



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MICROBIOLOGY AIR MONITORING TEST REPORT

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-O-2012-02708



Request No. : WA-Q-O-2012-00643

Sample No. : WA-S-O-2012-02779

Sampling Date	: 19/12/2020	Report Date.	: 24/12/2020
Analysis Start Date.	: 19/12/2020	Analysis End Date.	: 24/12/2020
Sample Location.	: ADIA HQ, Abudhabi City	Sampled By	: Jyothish Krishnan
Scope of work	: Micro Air Quality Monitoring	Sample Identification	: Level 36 Wing A
Sample Certificate No	: 2993	Method used	: CCFRA
Sample Type	: Micro Air Quality Monitoring		

Parameters	Test Methods	Units	Results	Specification
Total Bacterial Count (TBC)	CCFRA 1.1.1 5th Ed. 2007	CFU/M ³	20	1000CFU/M ³
Yeast and Mould	CCFRA 2.1.1 5th Ed. 2007	CFU/M ³	13	1000CFU/M ³

Note : Limit based on: ADNOC-COPV3-07 Technical Guidelines note on indoor air quality & indoor environments for airborne biological agents.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; CCFRA-Camden Chorleywood Food Research Association.

Signed for and on behalf of Wimpey Laboratories



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Head of Microbiology Department

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MICROBIOLOGY AIR MONITORING TEST REPORT

Customer Details

Report No. WA-R-O-2012-02626

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.



Request No. : WA-Q-O-2012-00623

Sample No. : WA-S-O-2012-02695

Sampling Date	: 15/12/2020	Report Date.	: 20/12/2020
Analysis Start Date.	: 15/12/2020	Analysis End Date.	: 20/12/2020
Sample Location.	: ADIA-BRC Mussafah	Sampled By	: Amin ullah
Scope of work	: Micro Air Quality Monitoring	Sample Identification	: M- Floor Open Office
Sample Certificate No	: 2987	Method used	: CCFRA
Sample Type	: Micro Air Quality Monitoring		

Parameters	Test Methods	Units	Results	Specification
Total Bacterial Count (TBC)	CCFRA 1.1.1 5th Ed. 2007	CFU/M ³	10	1000CFU/M ³
Yeast and Mould	CCFRA 2.1.1 5th Ed. 2007	CFU/M ³	08	1000CFU/M ³

Note : Limit based on: ADNOC-COPV3-07 Technical Guidelines note on indoor air quality & indoor environments for airborne biological agents.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
SM	SM	None

Key Words :CFU-Colony Forming Unit; CCFRA-Camden Chorleywood Food Research Association.

Signed for and on behalf of Wimpey Laboratories



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Head of Microbiology Department

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MICROBIOLOGY AIR MONITORING TEST REPORT

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-O-2012-02627



Request No. : WA-Q-O-2012-00623

Sample No. : WA-S-O-2012-02696

Sampling Date	: 15/12/2020	Report Date.	: 20/12/2020
Analysis Start Date.	: 15/12/2020	Analysis End Date.	: 20/12/2020
Sample Location.	: ADIA-BRC Mussafah	Sampled By	: Amin ullah
Scope of work	: Micro Air Quality Monitoring	Sample Identification	: Ground Floor Phase 2 Open Office
Sample Certificate No	: 2987	Method used	: CCFRA
Sample Type	: Micro Air Quality Monitoring		

Parameters	Test Methods	Units	Results	Specification
Total Bacterial Count (TBC)	CCFRA 1.1.1 5th Ed. 2007	CFU/M ³	13	1000CFU/M ³
Yeast and Mould	CCFRA 2.1.1 5th Ed. 2007	CFU/M ³	10	1000CFU/M ³

Note : Limit based on: ADNOC-COPV3-07 Technical Guidelines note on indoor air quality & indoor environments for airborne biological agents.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
SM	SM	None

Key Words :CFU-Colony Forming Unit; CCFRA-Camden Chorleywood Food Research Association.

Signed for and on behalf of Wimpey Laboratories



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