



**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-2012-02684



Request No. : WA-Q-O-2012-00638

Sample No. : WA-S-O-2012-02755

Sampling Date	: 17/12/2020	Report Date.	: 19/12/2020
Analysis Start Date.	: 17/12/2020	Analysis End Date.	: 17/12/2020
Sample Location.	: New Galleria Mall	Sampled By	: Jyothish Krishnan
Scope of work	: Indoor Air Quality Monitoring	Sample Identification	: Ground Floor South Side
Sample Certificate No	: 2579	Duration of monitoring	: Spot Measurement (15 min)
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
Instrument Certificate Number	: 48278/ 48279		

Parameters	Test Methods	Units	Results	Specification
CARBON DIOXIDE	OTM: SECTION III-CHAPTER-02	ppm	588	30000
CARBON MONOXIDE	OTM: SECTION III-CHAPTER-02	ppm	2.72	25 (TWA)
FORMALDEHYDE	OTM: SECTION III-CHAPTER-02	ppm	ND	0.3
Humidity	BSEN 60079 - 29 - 2-2015	%	58.7	NA
OZONE	BSEN 60079-29-2:2015	ppm	ND	0.20
PARTICULATE MATTER (PM1.0))	ISO-21501-4:2018	µg/m <sup>3</sup>	3.54	NA
PARTICULATE MATTER (PM2.5).	ISO-21501-4:2018	µg/m <sup>3</sup>	5.35	NA
RSPM [PARTICULATE MATTER (PM10)]	ISO-21501-4:2018	µg/m <sup>3</sup>	42.07	NA
Temperature	BSEN 60079 - 29 - 2-2015	°C	22.2	NA
TOTAL SUSPENDED PARTICLES	ISO-21501-4:2018	µg/m <sup>3</sup>	55.01	NA
TVOC	OTM: SECTION III-CHAPTER-02	µg/m <sup>3</sup>	142	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	AK	None

Key Words :NA – Not Available in the OSHAD Guideline,

TWA- Time Weighted Average

ND-Not Detected



**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-2012-02685**



Request No. : WA-Q-O-2012-00638

Sample No. : WA-S-O-2012-02756

Sampling Date	: 17/12/2020	Report Date.	: 19/12/2020
Analysis Start Date.	: 17/12/2020	Analysis End Date.	: 17/12/2020
Sample Location.	: New Galleria Mall	Sampled By	: Jyothish Krishnan
Scope of work	: Indoor Air Quality Monitoring	Sample Identification	: Ground Floor Central
Sample Certificate No	: 2579	Duration of monitoring	: Spot Measurement (15 min)
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
Instrument Certificate Number	: 48278/ 48278		

Parameters	Test Methods	Units	Results	Specification
CARBON DIOXIDE	OTM: SECTION III-CHAPTER-02	ppm	592	30000
CARBON MONOXIDE	OTM: SECTION III-CHAPTER-02	ppm	2.46	25 (TWA)
FORMALDEHYDE	OTM: SECTION III-CHAPTER-02	ppm	ND	0.3
Humidity	BSEN 60079 - 29 - 2-2015	%	58.1	NA
OZONE	BSEN 60079-29-2:2015	ppm	ND	0.20
PARTICULATE MATTER (PM1.0))	ISO-21501-4:2018	µg/m <sup>3</sup>	2.33	NA
PARTICULATE MATTER (PM2.5).	ISO-21501-4:2018	µg/m <sup>3</sup>	5.60	NA
RSPM [PARTICULATE MATTER (PM10)]	ISO-21501-4:2018	µg/m <sup>3</sup>	44.29	NA
Temperature	BSEN 60079 - 29 - 2-2015	°C	22.4	NA
TOTAL SUSPENDED PARTICLES	ISO-21501-4:2018	µg/m <sup>3</sup>	53.72	NA
TVOC	OTM: SECTION III-CHAPTER-02	µg/m <sup>3</sup>	192	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	AK	None

Key Words :NA – Not Available in the OSHAD Guideline,  
TWA- Time Weighted Average  
ND-Not Detected



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INDOOR AIR QUALITY MONITORING REPORT



Testing - NAL 034

Report No. : WA-R-O-2012-02685

**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-2012-02686



**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Request No. : WA-Q-O-2012-00638

Sample No. : WA-S-O-2012-02757

Sampling Date	: 17/12/2020	Report Date.	: 19/12/2020
Analysis Start Date.	: 17/12/2020	Analysis End Date.	: 17/12/2020
Sample Location.	: New Galleria Mall	Sampled By	: Jyothish Krishnan
Scope of work	: Indoor Air Quality Monitoring	Sample Identification	: Ground Floor North Side
Sample Certificate No	: 2579	Duration of monitoring	: Spot Measurement (15 min)
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
Instrument Certificate Number	: 48278/ 48279		

Parameters	Test Methods	Units	Results	Specification
CARBON DIOXIDE	OTM: SECTION III-CHAPTER-02	ppm	533	30000
CARBON MONOXIDE	OTM: SECTION III-CHAPTER-02	ppm	2.15	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	0.20
PARTICULATE MATTER (PM1.0))	ISO-21501-4:2018	µg/m <sup>3</sup>	2.44	NA
PARTICULATE MATTER (PM2.5).	ISO-21501-4:2018	µg/m <sup>3</sup>	4.28	NA
RSPM [PARTICULATE MATTER (PM10)]	ISO-21501-4:2018	µg/m <sup>3</sup>	13.68	NA
Temperature	BSEN 60079 - 29 - 2-2015	°C	21.4	NA
TOTAL SUSPENDED PARTICLES	ISO-21501-4:2018	µg/m <sup>3</sup>	15.28	NA
TVOC	OTM: SECTION III-CHAPTER-02	µg/m <sup>3</sup>	256	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	AK	None

Key Words :NA – Not Available in the OSHAD Guideline,

TWA- Time Weighted Average

ND-Not Detected



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INDOOR AIR QUALITY MONITORING REPORT



Testing - NAL 034

Report No. : WA-R-O-2012-02686

**Signed for and on behalf of Wimpey Laboratories**

*Nishi Shukla*



**Nishi Kumar Shukla**

Senior Environmental Chemist

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