

Analysis for **WELL** Certification

OFFERING WORLD-CLASS AIR AND WATER ANALYSIS FOR WELL CERTIFICATION



SGS

Offering world-class air and water analysis in support of WELL Certification.

How well is your building?
How does it affect your health?
Let's help you. Even more today because of the COVID-19 pandemic, businesses and organizations want to make sure their buildings or other spaces provide an environment that is conducive to both mental and physical health.

SGS now offers the air and water quality parameters data to help your clients get their buildings WELL-certified. This builds on our industry-leading LEED certification kits, and water and wastewater testing offering.

WELL is the leading tool for advancing health and well-being in buildings throughout North America and the world. At SGS, our long-standing AIHA ISO 17025 accreditation for air and Standard Methods for the Examination of Water and Wastewater (APHA, AWWA, WEF) qualifies us to perform a variety of analyses that are staples of WELL certification. What better assurance to your clients is there, than to partner with SGS, the world's leading testing, inspection and certification company, for their pursuit of WELL certification?

WELL TESTING KITS

SGS offers analysis for the following WELL features:

- A01 – Fundamental Air Quality
- A05 - Enhanced Air Quality
- W01 - Fundamental Water Quality
- W02 - Water Contaminants
- W05 - Enhanced Water Quality

Details of each are outlined in the following tables.

We are SGS – the world's leading testing, inspection and certification company. We are recognized as the global benchmark for quality and integrity. Our 89,000 employees operate a network of 2,600 offices and laboratories, working together to enable a better, safer and more interconnected world.

TO FIND OUT MORE ABOUT KITS FOR WELL CERTIFICATION, CALL TOLL FREE OR TEXT IN REAL-TIME TO +1 888 432 5227, EMAIL EHS.CLIENTCARE@SGS.COM OR VISIT WWW.SGSGALSON.COM/WELL



Air

A01 - FUNDAMENTAL AIR QUALITY

ANALYSES	METHOD/TECHNIQUE	DL	FLOW RATE/TIME	AIR VOL (L)	WELL ALLOWABLE LIMIT
PARTICULATE MATTER					
PM2.5	Direct read - Side Pack	1 ug/m ³	NA	NA	15 ug/m ³
PM10	Direct read - Side Pack	1 ug/m ³	NA	NA	50 ug/m ³
ORGANIC GASES					
Benzene	TO17	5 ug/m ³	0.0167 LPM 60 min	1 L	10 ug/m ³
Toluene	TO17	5 ug/m ³	0.0167 LPM 60 min	1 L	300 ug/m ³
Formaldehyde	NIOSH 2016	8 ug/m ³	0.200 LPM 60 min	12 L	50 ug/m ³
INORGANIC GASES					
Carbon Monoxide	Multirae single gas monitor	1 ppm	NA	NA	9 ppm
Ozone	BW ozone meter	10 ppb	NA	NA	51 ppb
RADON					
*Radon	48 hr. passive sampling	4 pci/L	48 hours	NA	4 pci/L

*Kit supplied for 3rd party lab submittal.



WELL AIR TESTING KITS

A01 – FUNDAMENTAL AIR QUALITY

- 2 Side PACKs for PM2.5 and PM 10
- TO17 VOCs - pump and tube
- NIOSH 2016 – formaldehyde – pump and tube
- Multirae single gas monitor – carbon monoxide
- BW Ozone meter
- Radon can

A05 - ENHANCED AIR QUALITY

Same as A01 above plus:

- TO17 - caprolactam and acrylonitrile
- NIOSH 6014 – nitrogen dioxide – pump and tube

A05 – ENHANCED AIR QUALITY

ANALYSES	METHOD/TECHNIQUE	DL	FLOW RATE/TIME	AIR VOL (L)	WELL ALLOWABLE LIMIT
PARTICULATE MATTER					
PM2.5	Direct read - Side Pack	1ug/m ³	NA	NA	12ug/m ³
PM10	Direct read - Side Pack	1ug/m ³	NA	NA	30ug/m ³
ORGANIC GASES					
Acetaldehyde	NIOSH 2016	1ug/m ³	1.5 LPM 60 min	90 L	140 ug/m ³
Formaldehyde	NIOSH 2016	8 ug/m ³	0.200 LPM 60 min	12 L	50 ug/m ³
Benzene, Naphthalene, Caprolactam, Toluene, Acrylonitrile	TO17	1.25 ug/m ³	0.0667 LPM 60 min	4L	3 ug/m ³ , 9 ug/m ³ , 2.2 ug/m ³ , 300 ug/m ³ , 5 ug/m ³
INORGANIC GASES					
Carbon Monoxide	Multirae single gas monitor	1 ppm	NA	NA	9 ppm
Ozone	BW ozone meter	10 ppb	NA	NA	51 ppb
Nitrogen Dioxide	NIOSH 6014	33 ug/m ³	0.25 LPM for 2 hours	30 L	40ug/m ³
RADON					
Radon*	48 hr passive sampling	4 pci/L	48 hours	NA	4 pci/L

*Kit supplied for 3rd party lab submittal.





Water

W01 – FUNDAMENTAL WATER QUALITY

ANALYSES	METHOD/TECHNIQUE	RL
MICROORGANISMS		
Coliforms*	SM18 9222B	1 MPN/100ml
E. coli*	FED REG VOL 50 NO124	1 MPN/100ml

*Subcontracted analysis - Due to short holding times for microbiology, please give advanced notice of sample submission.

W02 – WATER CONTAMINANTS

ANALYSES	METHOD/TECHNIQUE	RL
DISSOLVED METALS		
Antimony	EPA 200.8	0.4 ug/l
Arsenic	EPA 200.8	0.2 ug/l
Cadmium	EPA 200.8	0.15 ug/l
Chromium	EPA 200.8	2 ug/l
Copper	EPA 200.8	2 ug/l
Lead	EPA 200.8	0.5 ug/l
Mercury	EPA 245.1	0.1 ug/l
Nickel	EPA 200.8	2 ug/l
ORGANIC POLLUTANTS		
BTEX	EPA 524.2	0.50 ug/l
Styrene	EPA 524.2	0.50 ug/l
Tetrachloroethylene	EPA 524.2	0.50 ug/l
Vinyl Chloride	EPA 524.2	0.50 ug/l
Pesticides by 505	EPA 505	0.2 ug/l
HERBICIDES AND PESTICIDES		
SOC & OPP, Special List (Atrazine and Simazine)	EPA 525.2	Atrazine = 0.10 ug/l Simazine = 0.10 ug/l
Glyphosate	EPA 547	5.0 ug/l
2,4-Dichlorophenoxyacetic acid*	GC	0.10 ug/l
FERTILIZERS		
Nitrate	EPA 300.0	10 ug/l
DISINFECTANT BYPRODUCTS		
Total trihalomethanes (sum of dibromochloromethane, bromodichloromethane, chloroform and bromoform)	EPA 524.2	0.50 ug/l
Total haloacetic acids (sum of chloroacetic, dichloroacetic, trichloroacetic, bromoacetic and dibromoacetic acids)	EPA 552.2	1 ug/l
FLOURIDE		
Fluoride	EPA 300.0	100 ug/l

*Subcontracted analysis

**Includes all 505 pesticides except Toxaphene (RL = 1 ug/l)

W04 – ENHANCED WATER QUALITY

ANALYSES	METHOD/TECHNIQUE	RL
DRINKING TASTE PROPERTIES		
Aluminum	EPA 200.8	50 ug/l
Manganese	EPA 200.8	1 ug/l
Sodium	EPA 200.8	500 ug/l
Iron	EPA 200.8	10 ug/l
Zinc	EPA 200.8	10 ug/l
Chloride	EPA 300.0	500 ug/l
Fluoride	EPA 300.0	100 ug/l
Sulfate	EPA 300.0	500 ug/l
Total Dissolved Solids (TDS)	SM 2540C-2011	10,000 ug/l
Sulfide	SM 4500-S2	500 ug/l

Results provided here are for building monitoring purposes only and are not intended for regulatory drinking water compliance.



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WHEN YOU NEED TO BE SURE

