

Ambient air monitoring and assessment

A.

Parameter monitored	Standard methodology used	Detection limit	Is this company accredited for this test?
NO _x	Chemilluminescence method (EN14211:2005)	0.4 ppb	No
SO ₂	UV fluorescence (EN14212:2005)	0.5 ppb	No
Particulate matter (1 – 10 µm)	Light-scattering laser photometry (equivalent to EN 12341:1999)	0.001 to 150 mg/m ³	No

B.

Parameter monitored	Standard methodology used	Detection limit	Is this company accredited for this test? ¹
Oxygen	ISO 11042:1996	ppm	No
Carbon dioxide	ISO 11042:1996	ppm	No
Sulfur dioxide	ISO 11042:1996	ppm	No
VOC	UNI 13649:2002	ppm	Yes
Hydrogen sulfate	Italian Standard: MU 634:1984	ppm	No
Nitrogen oxide	ISO 11042:1996	ppm	No
PM ₁₀	UNI EN 12341:2001	g/Nm ³	No

¹ Accredited tests are subcontracted.