

Attachment 12: Ambient Air Quality

Parameter monitored	Standard methodology used (EN or ISO standards preferred)	Detection limit (include units)	Is this company accredited for this test?
Sampling for the determination of airborne asbestos fibbers	DM 06/09/1994 SO n° 129 GU n° 220 20/09/1994 All.2	/	Yes
*Determination of airborne asbestos fibbers	DM 06/09/1994 SO n° 129 GU n° 220 20/09/1994 All.2	0,1 ff/l	Yes
Sampling for the determination of particulate matter - PM10	DM n° 60 02/04/2002 SO GU n° 87 13/04/2002 + UNI EN 12341:2014	/	Yes
*Determination of particulate matter - PM10	DM n° 60 02/04/2002 SO GU n° 87 13/04/2002 + UNI EN 12341:2014	1 µg/m ³	Yes
Sampling for the determination of benzo[a]pyrene	UNI EN 15549:2008	/	
*Determination of benzo[a]pyrene	UNI EN 15549:2008	0.05 ng/m ³	Yes
Sampling for the determination of Pb, Cd, As and Ni	UNI EN 14902:2005 (sampling)	/	Yes
*Determination of Pb, Cd, As and Ni	UNI EN 14902:2005	2 ng/m ³	Yes
Sampling for the determination of total particulate matter, total dusts	Internal Method (Sun Lab Group Ltd) IM-01-2015 Rev. 1 del 20/11/15 (sampling)	/	Yes
*Determination of total particulate matter, total dusts		10 µg/m ³	
Determination of benzene (C ₆ H ₆)	UNI EN 14662-3:2015		Yes
Determination of nitrogen dioxide (NO ₂), nitrogen monoxide (NO), nitrogen oxides (NO _x)	UNI EN 14211:2012	nitrogen monoxide (NO): 1µg/m ³ nitrogen dioxide (NO ₂) and nitrogen oxides (NO _x): 2µg/m ³	Yes
Determination of sulfur dioxide (SO ₂)	UNI EN 14212:2012	1µg/m ³	Yes
Determination of carbon oxide (CO)	UNI EN 14626:2012	0,1 mg/m ³	Yes
Determination of	UNI EN 14625:2012		Yes

ozone (O3)			
Sampling for the determination of PM 2,5 mass fraction of suspended particulate matter	UNI EN 12341:2014 (sampling)	/	Yes
*Determination of PM 2,5 mass fraction of suspended particulate matter	UNI EN 12341:2014	1 µg/m ³	Yes
Determination of temperature	EN ISO 7726:2002		Yes
Sampling for SO ₂ determination	UNI EN 13528-1 / 2: 2003	/	No
SO ₂ determination	UNI EN 13528-1 / 2: 2003	3 µg/Nm ³	No
Sampling for VOCs determination	UNI EN 13528-1 / 2: 2003	/	No
VOCs determination	UNI EN 13528-1 / 2: 2003	1 µg/Nm ³	No
Sampling for NH ₃ determination	UNI EN 13528-1 / 2: 2003	/	No
NH ₃ determination	UNI EN 13528-1 / 2: 2003	1 µg/Nm ³	No
Sampling for H ₂ S determination	UNI EN 13528-1 / 2: 2003	/	No
H ₂ S determination	UNI EN 13528-1 / 2: 2003	1ppb	No
Sampling for NO ₂ determination	UNI EN 13528-1 / 2: 2003	/	No
NO ₂ determination	UNI EN 13528-1 / 2: 2003	1 µg/ Nm ³	No
Sampling for O ₃ determination	UNI EN 13528-1 / 2: 2003	/	No
O ₃ determination	UNI EN 13528-1 / 2: 2003	2 µg·m ⁻³	No

*subcontracted