

Attachment 11: Monitoring Services for Quarries

Parameter monitored	Standard methodology used (EN or ISO standards preferred)	Detection limit (include units)	Is this company accredited for this test?
<i>Noise</i>			
Equivalent continuous A-weighted sound pressure level (LAeq,T)	DM 16/03/1998 GU n° 76 01/04/1998 All b	0.1 dB(A)	Yes
<i>Vibrations</i>			
Vibration Measurement	UNI 9614:1990	0.01mm/s ²	No
<i>Chemical Parameters</i>			
Sampling for determination of total particulate matter, total dust.	Internal Method (Sunlab Group Ltd) IM-01-2015 Rev.1 of the 20/11/2015	10 µg/m ³	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	1 µg/m ³	Yes
Sampling for the determination of PM 2,5 mass fraction of suspended particulate matter	UNI EN 12341:2014 (sampling)	1 µg/m ³	Yes
*Pd, Cd, As and Ni determination in PM10 fraction of suspended particulate matter	EN 14902:2005	2 ng/m ³	Yes
Asbestos	DM 06/09/1994 SO n° 129 GU n° 220 20/09/1994 All.2	0,1 ff/l	Yes