

A woman wearing a blue work shirt and an orange hard hat is smiling and holding a white tablet. The background is a blurred industrial setting. A blue diagonal overlay in the bottom left corner contains a technical drawing of a mechanical part.

Atlas Copco

A Guide to Compressed Air Testing

With certain industries already mandating the need for regular air testing, and with air quality the number one concern highlighted on Atlas Copco's 2020 Industry Report, it's important to know the options that are available to you.

Your Options Explained



Basic Testing

Customers can purchase a simple, disposable detection device for measuring oil aerosol in compressed air. This simply alerts you if aerosol is present in your compressed air.

These are available from Edmac at <https://www.edmac.com/3003371692.html>



Simple Lab Testing

A kit is available to order which will allow you (the customer) to take a small air sample and send it to a laboratory for air-testing. Note, this test **does not include microorganisms** testing. The analysis provided would cover all points in the list provided below.

These are available from Edmac at <https://www.edmac.com/3003471690.html>

Oxygen	Water Vapor	Halo. Solvents
Nitrogen	Nitrogen Dioxide	VHC
Carbon Dioxide	Nitric Oxide	VHHC
Carbon Monoxide	Sulfur Dioxide	Oil and Particles
Methane	Nitrous Oxide	Odor
Dew Point	THC	



Professional Testing

This will involve a technician or trained auditor visiting the facility and taking a small air sample which will be sent off to a laboratory. The process is managed by Atlas Copco. Air testing is also part of our AIRScan program. A fully detailed report including analysis of any microorganisms is provided. One of our auditing team would then discuss the results with you. The cost varies depending on location and testing needs. In addition to the data shown above, you also receive full details on any bacteria growth including:

Analyte	Sample Results
Mold at source MEA media	< 7 cfu/m ³
Bacteria at source TSA media	< 7 cfu/m ³
Mold Blank MEA media	< 10 cfu/filter
Bacteria Blank TSA media	< 10 cfu/filter

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Atlas Copco Compressors LLC

300 Technology Center Way, Suite 550, Rock Hill, SC 29730

Phone: (866) 546-3588

www.atlascopco.com/air-usa