

## Compressed Air Quality Testing - What you Need to Know.



Compressed Air Quality Testing Compressed air is widely used throughout industry, with over 90% of manufacturing industries globally using compressed air in one form or another. To be a safe, reliable and cost-effective utility, compressed air must be treated.

Many facilities use international standards to specify the purity (quality) of compressed air they require for their applications and this will dictate the compressed air treatment equipment installed. Once the compressed air treatment equipment is installed and operating, users often require 'proof' the specified air purity (quality) is being achieved.

The international standards used to specify air purity (quality) are very specific on how to test a compressed air system accurately for contamination, specifically, the sampling methodology and the test equipment to be used for validation of air purity (quality).

Whether you are a user of compressed air or a manufacturer of compressed air treatment equipment, it is important that you have a general understanding of ISO 8573, the international standard for compressed air purity. Combined, the 9 parts of this standard define the amount of contamination allowable in each cubic meter of compressed air and specify the test methods and equipment required to test compressed air for each common contaminant.



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*Download the Compressed Air Purity Quality Testing White Paper by Mark White, Compressed Air Treatment Applications Manager at Parker Hannifin. Within it, he provides an overview of what is required to test compressed air for validation purposes and highlights the methods and equipment used for indicative purposes.*

### The Nine Parts that Make Up the ISO 8573 Series



### Validation / Verification of Air Quality

Validation of compressed air purity to the classifications shown in ISO 8573-1 requires the user (or tester) to follow additional standards as ISO 8573-1 is only one part of a series of nine separate standards.

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Learn more about the what is testing requirements for compressed air for validation as well as the procedures and tools used for indicative testing.