

ISO 8573 AIR QUALITY TESTING

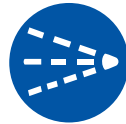
The designation of ISO 8573 purity classes is always listed in the order of Particles, Water, and Total Oil with the numbers separated by a colon: ISO 8573-1:2010 [Particles:Water:Oil]



Microscopy for
Particles



Water
Vapor



Total Oil
Analyses



Microbial
Identification

WHAT IS YOUR PURITY CLASS?

Purity Class Applications					
PACKAGING	:	4	:	SOFT DRINK	:
BAKERY	:	4	:	PHARMACEUTICAL	:
MEAT	6	4	:	COFFEE	4
PRODUCE	:	:	:	* PET FOOD	3 4
BEER	:	:	:	* BABY FOOD	:
INSTRUMENT	:	4	:	COSMETIC	4 4 4
LABORATORY	6	4	:	AEROSPACE	6 4

Above specifications represent the opinions of individual customers, not published standards
*B:B:B - Baseline analysis for particles, water, and oil - no limits, purity classes met are reported

Gas Purity Testing

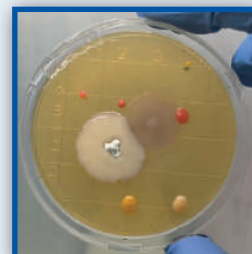


Pure Gas Testing is available for Nitrogen, Oxygen, and Argon



SOURCES OF CONTAMINATION

- Compressor type
- Dryer Type
- Piping Distribution
- Storage tanks
- Filtration/Wrong Filtration
- Leaks



CREATE A MONITORING PLAN

1

Choose your Purity Classes for particles, water, and total oil testing. Use risk assessment, industry examples, or guidelines like BCAS to determine requirements.

BCAS GUIDELINES

DIRECT
or
INDIRECT CONTACT : **2** :

2

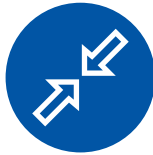
Determine how many samples to take: Pick a percentage of your outlets, sample before and after maintenance, sample at the beginning and end of your line, or perform a single sample.



PERCENTAGE



MAINTENANCE



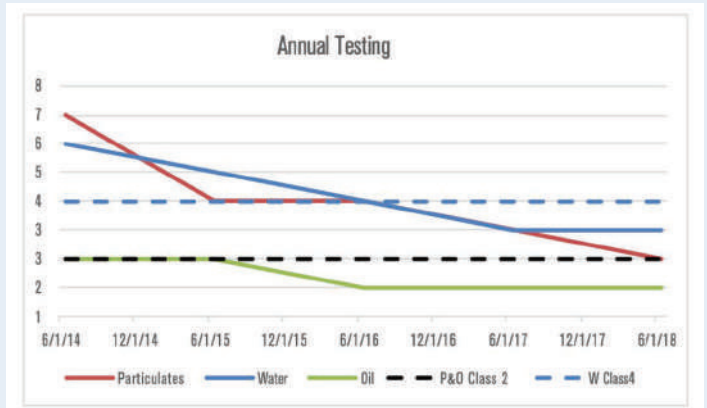
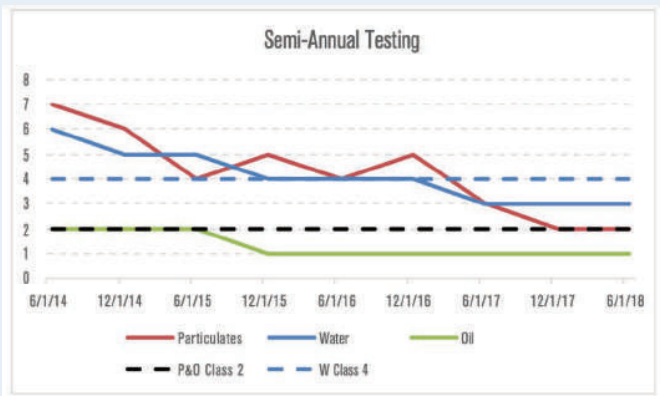
MINIMAL



SINGLE

3

Decide how often you will sample. Regular sampling allows you to create a trend analysis and monitor for the state of your quality at different times throughout the year.



START TESTING TODAY

We've partnered with a 3rd party, A2LA accredited laboratory for your compressed air testing needs. Trace Analytics, LLC can provide testing to ISO 8573, ISO 14644, or your custom specification!

Our partnership means that you will get the most cost-effective solution in the industry. Quality results, to your required specifications, that meet your budget requirements. Work with a one-stop shop for your maintenance and testing needs.