

Feed Gas Testing & Inlet Contamination Sampling

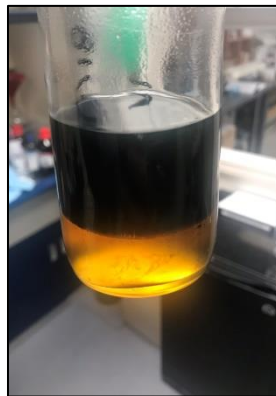


One of the best ways to assess contamination entering a processing facility is to sample, quantify and analyze all liquids and solids in the feed gas stream. To achieve this, we use a proprietary test unit called GASCO Test Unit. The method uses specialized micro-fiber separator equipped ultra-high efficiency internals and sapling ports that will allow the removal of 99.9998% of liquids and solids. This separation takes place by contacting the feed gas stream with our specialized material formulations and layered coatings specifically designed to promote total liquids and solids removal.

The GASCO Test Unit (picture to the right) has a number of features to measure flow rate, temperature, pressure, differential pressure, liquids and solids buildup levels. The system also allows for segregation of liquids and solids by routing both contaminants to different and independent sampling stages. Using this method allows for solids quantification, sampling and further chemical analysis and characterization of the contaminants. The GASCO Test Unit can also be used with a water wash stage for removal of gas phase contaminants.

Types of Contaminants Tested & Analyzed

- Surfactants
- Biocides
- Corrosion inhibitors
- Chlorides
- Sulfates
- Lubrication oils
- Iron sulfides
- Iron oxides
- Hydrocarbons
- Produced Water
- Organic Acids (such as acetic acid and others)
- Metals (barium, sodium potassium among others)
- Sand, Silt and Black Powder
- Other solid, liquid and gas phase contaminants



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