

## Feed Stream Testing & Inlet Contamination Sampling | Gas & Liquids

Natural Gas, Refinery Gas, Residue Gas, Treated Gas, NGL, LPG, Distillates and Sour or Produced Water

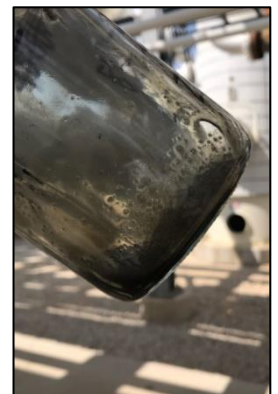
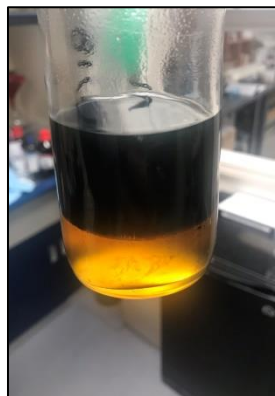


One of the best ways to assess contamination entering a processing facility is to sample, quantify and analyze liquids, solid and sometimes dissolved contaminants in the feed gas or liquid stream. To achieve this, we use a proprietary test unit called GASCO Test Unit. The method uses specialized microfiber separator equipped ultra-high efficiency internals and sampling ports that will allow the removal of 99.9998% of liquids and solids. This separation takes place by contacting the feed stream with our specialized material formulations and layered coatings specifically designed to promote total liquids and solids removal. An upstream solvent injection can scrub soluble components for further testing and analysis.

The GASCO Test Unit (picture to the right) allows for measuring flow rate, temperature, pressure, differential pressure, liquids and solids buildup levels. The system also allows for segregation of liquids and solids by routing the contaminants to different and independent sampling stages. The GASCO Test Unit allows for a comprehensive quantification, sampling and further chemical analysis and characterization of the feed 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



For additional information on our technical services and products, visit our website at [www.NexoSolutions.com](http://www.NexoSolutions.com)