

Sour Water Stripper Feed Contaminant Testing



One of the best ways to assess contamination entering a processing facility is to sample, quantify and analyze all liquids, solids and gas phase components in the feed gas stream. To achieve this, Nexo Solutions uses a proprietary test unit called GASCO Sampling Unit. The test unit uses specialized micro-fiber separator equipped ultra-high efficiency internals and sampling ports that will allow the removal of 99.998% 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 or solvent wash stage for removal of gas phase contaminants.

Types of Contaminants Tested & Analyzed

- Hydrocarbons
- Surfactants
- Process chemicals
- Polymerization products
- Corrosion inhibitors
- Ions (sulfates, chlorides and others)
- Lubrication oils
- Iron sulfides
- Iron oxides
- Organic Acids (such as acetic acid and others)
- Metals (barium, sodium potassium among others)
- Sand, Silt and Black Powder



For additional information contact us at support@NexoSolutions.com or visit www.NexoSolutions.com