

MAXIMIZING
Worker and
Site Safety

MINIMIZING
Fugitive
Emissions

MASTERING
Corrosive
Challenges

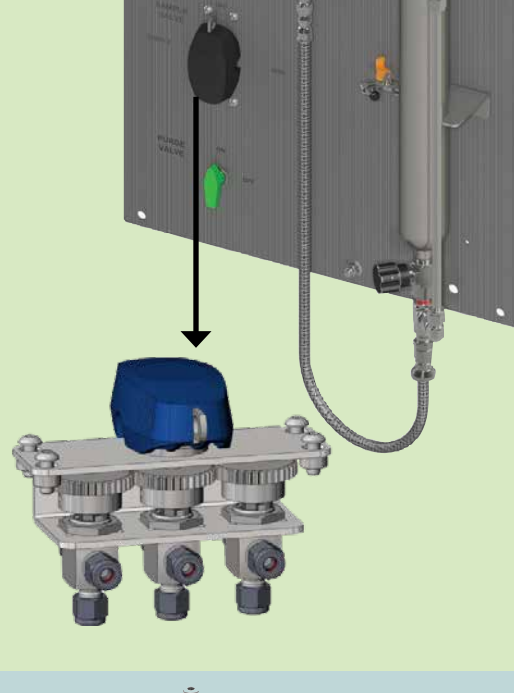
Process to Cylinder to Analyzer –

Trust Swagelok for safe, simple, efficient, reliable, and accurate liquid or gas sample capture.

Swagelok® Grab Sampling Systems are available in 15 standard designs – all designed and built locally by your certified Swagelok Pittsburgh | Tri-State Area fabrication experts. Our panels are easily configurable and customizable with the instrumentation, enclosures, and stands you require for your specific applications. Choose among our various GSM, GSL, or Miniature Lab Samplers:

Gas Sampler with Purge

Swagelok Grab Sample Module (**GSM**) styles use **pressure-containing metal cylinders** to provide a representative sample that's held under the same process conditions as when extracted (except for temperature). No need to flush lines or fill bottles as sample vessel is docked in place, with flow isolated as your process fluid continually circulates. Just one handle simultaneously actuates your 2-way or 3-way valves via our unique Geared Box Assembly, preventing accidental emissions or unwanted purge gas into your process.



Continuous Flow Sampler with Purge

Swagelok Liquid-Only Sampling Module (**GSL**) offerings employ **non-pressure-containing glass or polyethylene bottles with a self-sealing septum cap** to deliver immediate visual sample-quality feedback to your inspector. Plus, there's no risk of spillage during sample draw or transport.



Custom-Designed Miniature Lab Sampler

Swagelok Miniature Gas Samplers save critical bench space and can be easily placed on or near your analyzer for ultimate control of gas-injection volumes, flow verification, and purging with vacuum or gas.



Here are a few recent cases that demonstrate how Swagelok Application Experts and Fabrication Technicians can positively impact your Sampling System Bottom Line:

Challenge:

Refinery customer needed to run more efficiently – consuming less water and energy – to comply with environmental regulations.

Solution:

We built a customized, reduced-size, fixed volume GSL panel with 3/4" tubing (versus 1/4" diameter) to accommodate the site's high viscosity fluid.



Challenge:

Chemical customer wanted to ensure that there would be zero oxidation degradation and that its system techs would not come into contact with liquid sample being collected.

Solution:

Swagelok constructed a special sampling cabinet to isolate the system media from the operator, while providing access to only the switches required for each sampling process step.



Challenge:

Refinery account struggled with unwanted liquids entering its sampling system and causing major problems with pressure regulators and other componentry.

Solution:

A specially designed knockout pot was included on the panel to remove excess condensate and to keep the wet gas sample as dry as possible so that the site remained environmentally compliant.



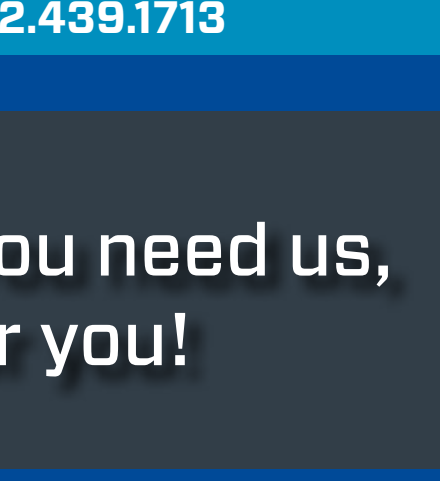
Let us deliver a premier-quality, customized Swagelok Sampling Solution for you, too!

Click Here for More Information About Our Grab Sample Systems

Contact Bob Sarber

Chem & Refining Specialist

Bob, also a Swagelok Sales Engineer, is your trusted go-to for product selection and application expertise as you combat corrosion and other operational challenges.



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412.439.1713

No matter where or when you need us, we're right *THERE* for you!

Our Promise:

In each and every customer engagement and interaction, no matter how challenging your application or operating conditions, we will deliver premier-quality Swagelok Fluid-System Product Solutions and value-added Strategic Services that will positively impact your Bottom Line.



Gary Osman

Technical Sales Team
Applications Engineer

WE'RE YOUR SWAGELOK FLUID-SYSTEM SOLUTIONS PROVIDER



Industry-Best
Commodity



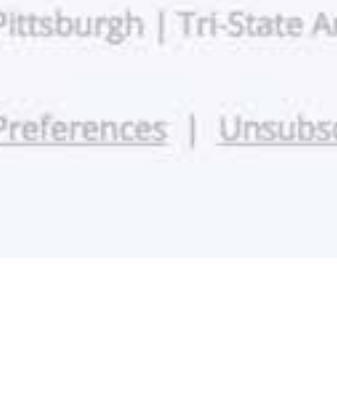
Masterful Custom
Fabrication



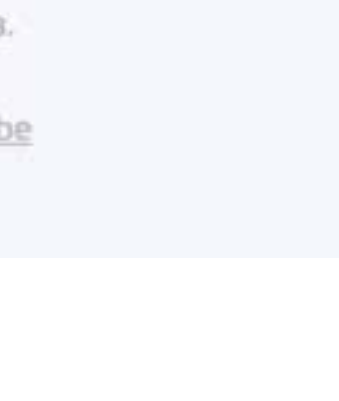
Expert Technical
Training



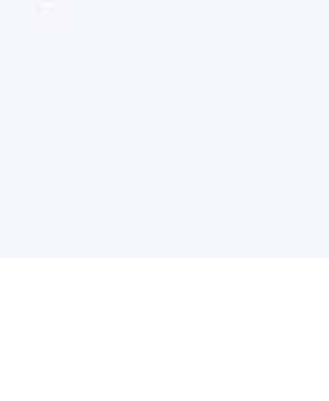
Extensive
Energy Evaluations



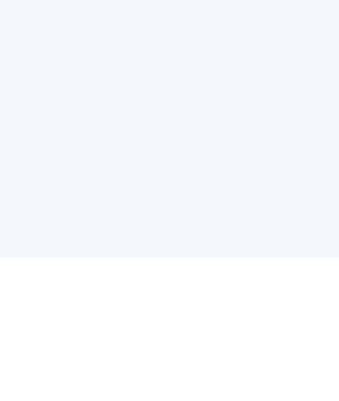
Unparalleled
Application Knowledge



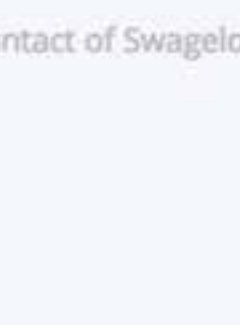
Comprehensive
Hose Advisories



Proven Inventory
Management Support



Genuine Swagelok
Tool Rentals



WE CAN HELP YOU SAVE TIME, MONEY, AND WORRY:



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