ENGINEERED TO SOLVE COMPLEX PROBLEMS

SWAGELOK PRODUCTS + EXPERTISE = VALUE FOR CUSTOMERS
UNIQUE CHALLENGES REQUIRE THE RIGHT SOLUTIONS

You need a solution uniquely tailored to your needs, and you need it now. You could spend your resources on designing, sourcing, building, and testing a solution. Or you could take advantage of Swagelok’s capabilities for a complete turnkey solution.

WE CAN HELP

• ENHANCE YOUR CAPABILITIES
• MULTIPLY YOUR RESOURCES
• EXTEND YOUR WORKING CAPITAL
• IMPROVE RESPONSE TIMES
• IMPROVE SAFETY

CUSTOM SOLUTIONS FACILITY

Total floor area: 6,000 sq ft

• Global Tech Center
ENGINEERING AND DESIGN CAPABILITIES

- Conceptual and Detailed Engineering of Systems including Electrical, Instrument Piping and Material Compatibility
- Design and Cost Calculation
- Document as per Project Requirement

PROJECT MANAGEMENT CAPABILITIES

- Project Management
- Progress Planning and Reporting
- Purchasing and Material Handling
- Implementation of QA/QC and Safety Measures
- Document Control

STANDARDS AND APPROVALS

- API
- ANSI
- ISA
- TÜV Rheinland
- IEEE
MAKE THE MOST OF RESOURCES, CAPABILITIES AND WORKING CAPITAL

When resources are limited, let Swagelok provide and assemble components to meet your requirements.

HOSE CRIMPING
Choose from a vast selection of hose products, then let us cut them to your specified length and fabricate custom end connection configurations.

ORBITAL WELDING
You can count on Swagelok’s trained and certified specialists to help you achieve quality welds on stainless steel tubing or other alloys upon request. Our welders are certified in ASME Section IX standards.

HIGH VOLUME TUBE BENDING
We assemble Swagelok tube fittings and threaded components to meet your dimensional requirements. Specify Swagelok pre-bent tubing in sizes of 1/8 to 2 inch O.D. or coiled tubing in sizes of 1/4 to 3/4 inch O.D. Let Swagelok do precise bending and connections to simplify installation.

SYSTEM PACKAGING
Our knowledgeable Field Sales Representatives and local Product Application Specialists are available to meet at your location to discuss your panel design requirements. Factory support is also available for more complex assemblies.

BASIC ASSEMBLY
We assemble our actuators to any of our selection of ball valves to create single and dual-acting automated valves. Assemblies meet industry standards for interfaces.

CLEANROOM
Our cleanroom conforms to rigorous protocols to control contamination. Our Class 100 Cleanroom is built to provide cleaning, lubrication, assembly, and packaging requirements for standard products.
Start with some of our most widely known products: valves, regulators, and manifolds. Add the expertise required to put together the componentry into a solution you can use.

THE RESULTS?
Equipment: Gas Monitoring Panel
Industry: Testing Services
Application: For Supplying and Monitoring of Gas for Testing

Equipment: CNG Filtering Unit
Industry: CNG Plant
Application: For Filtering of CNG

Equipment: Gas Filling Panel
Industry: Gas Supplier
Application: For Filling of Gases

Equipment: Portable Sample Conditioning Panel
Industry: Petrochemical
Application: For temporary collection of samples for remote analysis

Equipment: Instrument Racks
Industry: Petrochemical and Power
Application: For Common Consolidation of Field Instruments

Equipment: Bubbler Level Panel
Industry: Oil & Gas
Application: For 2-phase Level Measurement

Equipment: Hydraulic Power Unit
Industry: Power
Application: For Control of Hydraulic Actuated Valves

Equipment: Gas Panel
Industry: Semiconductor
Application: For Gas Distribution to Semiconductor FAB Tools

Equipment: Sample Conditioning System
Industry: Power
Application: For Steam Water Analysis System (SWAS)
HOW CAN WE WORK TOGETHER TO ACHIEVE YOUR GOALS?

IF YOU HAVE AN IDEA → WE WILL ASSIST YOU IN DESIGNING IT → WE WILL CREATE CAD DRAWINGS

AND WE WILL WARRANTY IT

WE WILL ASSEMBLE THE COMPONENTS

WE WILL GET YOUR APPROVAL

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All Custom Solutions offerings are developed in accordance with the evidence and Swagelok QC
based quality systems to ensure quality, safety, and reliability. Threading, sealing, and fabricating
Swagelok-approved fluid system components and fasteners and installing piping systems we accept
with ASME B31.1 and B31.3.

Our Custom Solutions assemblies carry the Swagelok Limited Lifetime Warranty. For a copy, visit www.
swagelok.com or contact your local authorized sales and Service Center.