

Fabrication Services

We'll Manage Your Assembly from A to Z

What is the most efficient way to acquire an instrument enclosure assembly, new measurement and control assembly, pressure-reducing station, or other kind of fluid system assembly?

The first step is usually design. And then someone has to acquire, assemble, and test all the components – including the fluid system components, tubing, wiring, automation, transmitters, relays, and motors. Swagelok® provides all of these functions at the same high quality and reliability standard that Swagelok fittings, valves, and other fluid system components have become known for.

Available in ASME code compliant (NA Stamp), safetyrelated, or commercial grades, our fabricated assemblies come with the Swagelok Limited Lifetime Warranty. Factory testing and seismic evaluations are also available.

Very common fabrications used in natural gas combined cycle power plants include instrument and enclosure assemblies for heat recovery steam generators (HRSGs) and other instrumentation applications. Additional fabrications may include water and steam sampling systems, chemical distribution systems, process instrumentation assemblies, and other systems. Customers can transfer complete responsibility for assemblies like these to Swagelok, freeing them from having to design each system, acquire parts, test the systems, or coordinate multiple vendors.



Swagelok will develop a new or revised design, or work from an existing piping and instrumentation diagram (P&ID). In either case, Swagelok's approach is collaborative, working closely with the customer to understand the problem and developing a Swagelok Custom Solution that meets the customer's special requirements.

In many cases, Swagelok is able to suggest improvements or approaches that exceed the customer's expectations.



We build the assemblies, manage all inspection and packaging, and deliver a complete solution.

In our Fabrication Services that feature Swagelok tube fitting end connections, maintenance becomes easier, too. Swagelok tube fittings may be assembled and disassembled with the turn of a wrench – no cutting or welding.

Swagelok can also work with an independent engineering and design firm to develop custom assemblies. When feasible, it's ideal for the two parties to meet before the design is complete, as Swagelok can offer some valuable recommendations to enhance performance and potentially reduce assembly costs.



For more information on how our Fabrication Services can enhance your performance and reduce maintenance, contact us today.

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