

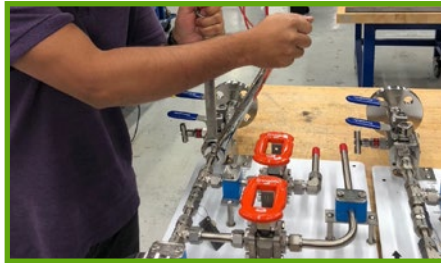
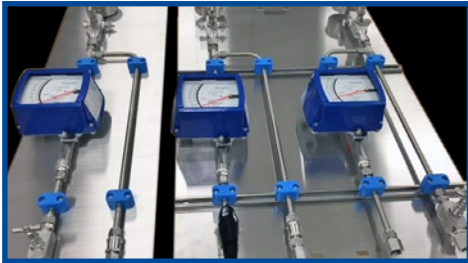
Swagelok Pittsburgh | Tri-State Area

Your Local Swagelok® Fluid-System Solutions Experts

Seal Support Successes

...sixth in a series of on-the-job success stories that demonstrate how Swagelok Componentry and Strategic Support Services consistently save you substantial time, money, and worry in even your most challenging applications and operating environments

Swagelok Mechanical Seal Support Systems are simply better by design. Easy-to-configure-and-install and locally built by certified Swagelok master technicians – application solutions that will help you save time, money, and worry in even the toughest fluid challenges:



Challenge

A major Chemical plant had panels on their rotating equipment throughout the site to distribute fluid to mechanical seals on pumps and compressors. But the panel designs were not uniform, leading to significant pressure, leakage, and process contamination issues.

Solution

Swagelok was brought in to assist with panel standardization. Immediately, we applied 3D CAD models and concept drawings to devise Plan 32 and Plan 54 seal support panels.

Healthier Bottom Line

The plant's Reciprocating Engineer was highly complimentary of Swagelok's ability to identify and remedy his pain points – and our overall product and application expertise.

Challenge

Another large Chemical plant required an improved customized Plan 21 layout for mechanical seals versus one previously provided by another supplier. The existing product was not a standard seal plan design...thus causing extremely high operational costs and lengthy lead times.

Solution

Swagelok fabricated assemblies, specifically tailored for the site's needs, were quickly approved as the go-to for faster workflow, lower costs, and consistent quality.

Healthier Bottom Line

The plant's Reliability Engineer was completely satisfied with Swagelok's ability to save substantial – and valuable – functional time and capital.

Challenge

A third Chemical plant needed to eliminate extreme costs from multiple failures due to no or low flow to mechanical seals. Operator error was also a suspected cause of the problem.

Solution

Swagelok's nearby team came on site to fully hear and assess the site's current seal-related operations and desired improvements. Our vast technical and application know-how rapidly led to implementation of Swagelok custom L-porting tandem bypass valves to ensure no further potential for technician mistakes. Swagelok bleed valves were also employed to enable operators to simulate a seal leak to securely test high-flow alarms.

Healthier Bottom Line

The plant's Mechanical Design Engineer stated that Swagelok greatly helped improve site safety and simplified overall operational methodology and consistency.

For complete details on all Swagelok leak-tight Products, value-added Strategic Support Services, and expert Application Solutions, contact:



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