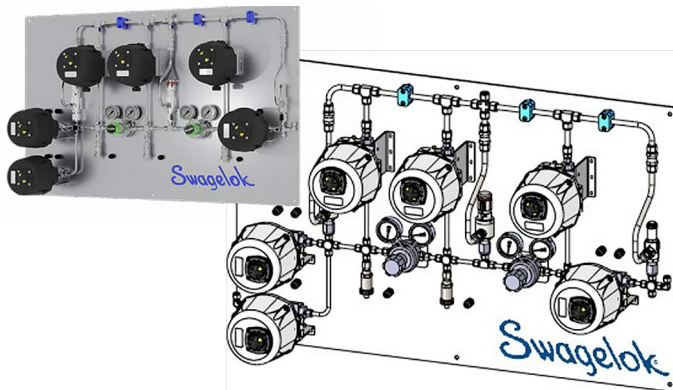# Swagelok®

Hydrogen Refueling

Priority Panels & Cascade Panels

Swagelok® engineered systems for detection and management of receiver pressure and dispenser filling sequence at the refueling station.

What Is a Priority Panel?

A system of automatically actuated valves and pressure sensors detect and manage the incoming pressures from the compressors and the filling sequence for the cascade storage tanks in a pre-set sequence.

Produced by B.E.S.T. Fluidsysteme GmbH München, an authorized Swagelok sales and service center

A Swagelok Priority Panel includes:

- FK Series Medium Pressure Fittings
- Tube Fittings
- Valves (Medium and High Pressure)
- Check Valves
- Ball Valves
- Tubing (Medium Pressure and Cone & Thread)
- Filters
- Gauges

Require Reliability

With a decades-long service life at most stations, panels should be developed and assembled with focus on reliable operation for the long term.

Swagelok Solution: Look to Swagelok for over 75 years of expertise, including 30 years of engineering hydrogen fluid systems, and components designed to perform under pressure for the life of the system and longer. Swagelok 316L also has superior concentrations of Cr (17%) and Ni (12%) than ASTM requirements for superior chemical resistance.

Safety

Leak-tight components installed with skill and grip strength are essential for the safety of personnel, users, and consumers.

Swagelok Solution: Components are engineered with safety as a priority. The seal tightness, grip strength, and vibration resistance of Swagelok fittings has been tested for years in critical applications around the world.

H2 Cleanliness

Output gas must meet the requirements of Grade D in ISO 14687. Assuring these requirements is based upon ISO 19880-8.

Swagelok Solution: Through the collaboration of Swagelok field engineers, training, troubleshooting and design, priority panels become more efficient and standardized.

For More Information

Contact your account manager or email Field Engineer and Clean Energy Specialist: Mark.Baran@Swagelok.com.

Swagelok Southern California

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