Your Industrial Fluid System Safety Checklist

Optimizing the performance of industrial fluid systems is critical for maintaining the quality of your end product and the safety of your workers. Here is a handy checklist containing the most important factors for promoting fluid system safety.

**Simplify design wherever possible.**
Fewer connection points mean fewer opportunities for failure. Bendable tubing can simplify direction changes versus piping.

**Follow the manufacturer's instructions.**
Always follow manufacturer’s instructions for proper assembly and disassembly procedures for tubing and fittings.

**Specify the right componentry.**
Consider process conditions when selecting components. Material compatibility can help prevent performance issues.

**Keep operating conditions in mind during design.**
Ensure your system has been designed for regular operating conditions like vibration, high pressures, and temperatures.

**Avoid product intermix.**
Intermixing components made by different manufacturers can result in unpredictable performance. Select fittings and regulators from the same reliable manufacturer for consistent, leak-tight seals.

**Label critical components.**
Detailed tags on components like hoses and valves help indicate what takes place within that system, allowing operators to make appropriate adjustments and replacements.

Read more on how to build safer, more effective fluid systems and learn how Swagelok can help at [swagelok.com/en/services](http://swagelok.com/en/services).