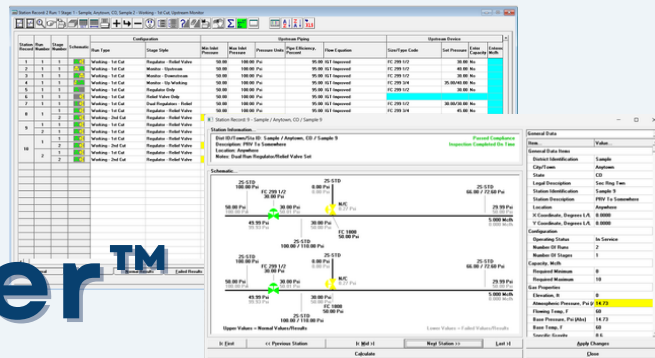




StationManager™

Relief capacity verification and 49 CFR 192.743 documentation for every regulator station you operate.

If your pressure limiting and regulating stations rely on relief devices, 49 CFR 192.743 is not optional. At least once each calendar year, at intervals not exceeding 15 months, you must show that every relief device has enough capacity to protect the facilities it is connected to. The obligation is fixed. What you choose is how you prove it: a spreadsheet and a scramble, or one standard, documented method across every station.

StationManager™ is a purpose-built station database with a compliance calculation engine built in. Enter device models, inlet pressures, set points, and whatever piping you have on record, and it compares failed-regulator capacity with rated relief capacity for every station, flags the ones that fall short, and produces the fleet-wide pass/fail report auditors ask to see. When equipment changes, affected stations recalculate automatically, so each year's review starts from a current record instead of last year's spreadsheet.

WHY IT MATTERS

EVERY STATION, ONE ANSWER

Compares failed-regulator capacity with rated relief capacity at minimum and maximum inlet pressure, flags any station that falls short or would exceed MAOP, and rolls the results into one pass/fail compliance report.

CHANGE ONCE. RECALCULATE EVERYWHERE.

Replace a regulator or relief valve model across every station that uses it, and each affected station recalculates automatically. The annual review turns on knowing what changed, and StationManager keeps that answer current.

START WITH THE DATA YOU HAVE

No complete piping inventory required. Begin with the upstream and downstream devices and their set points, then add piping, fittings, and valves as you recover them. Every detail sharpens the result, and nothing gets redone.



KEY FEATURES

- Automated Calculations:** Calculates pressure, flow, and capacity from device models, inlet and outlet pressures, set points, and piping configuration, using nearly 20 pipe flow and 10 regulator/relief valve equations derived from GASCalc
- Normal and Failed Conditions:** Models every station operating normally, then again with the control device failed wide open and the relief device relieving
- Compliance Reporting:** Fleet-wide pass/fail report, spreadsheet and document-style data sheets, and printable field inspection forms
- Status at a Glance:** Green when every station passes, yellow when data has changed since the last calculation, red when any station fails
- System-Wide Updates:** Mass update any device or value across every station that matches your criteria, with automatic recalculation
- Audit-Ready Access:** A read-only audit view shows reviewers station and compliance values without edit access. Inspection tracking calculates each next required date
- Station Database:** 150+ data fields and 100+ results fields: location, status, MAOPs, equipment, pressure settings, inspection results, and station images
- Flexible Configurations:** Regulator only, relief only, regulator/relief, monitor schemes, and dual-device arrangements. Up to two runs per station, two stages per run
- Data Portability:** Imports from GASCalc, Excel, Access, and dBase, and exports to several of them, so existing records carry over
- Equipment Library:** Editable property tables of pipe, fittings, regulators, and relief valves by make, model, and size

FIND OUT MORE

GASCalc designs the station. GASWorkS models the network. StationManager proves every station stays compliant.

Learn more about [StationManager's](#) functionality and [schedule a demo](#) to see it in action.

ABOUT TECHNICAL TOOLBOXES

Technical Toolboxes is the global leader of integrity analytics for pipelines to help solve the growing, complex challenges they face across crossings, corrosion, welding, and more. Our modern software platform provides a simple way to get the most accurate pipeline engineering calculations so that you can increase team productivity and improve compliance while decreasing risk. We enable energy companies to move away from rudimentary calculations and processes to a world of fast, secure, scalable pipeline insights you can trust.

To learn more about Technical Toolboxes and the Pipeline HUB, go to www.technicaltoolboxes.com.

