TEAM®

# Line Isolation Services

# Preventing Unwanted Piping And Pipeline System Shutdowns

## During Tie-Ins And Repairs

The isolation of piping and pipeline systems is a key requirement for the maintenance and modification of oil, gas and petrochemical infrastructures. Line stopping is a means of temporarily stopping flow in an operating pipe and can be used to isolate piping systems for repairs, alteration, or relocations. If used in conjunction with bypass lines, product flow can be continued around the isolated section of pipe to be repaired or altered.

Successful isolations are key to continued safe and effective operations of platforms, pipelines, and process facilities. A single line stop can be used to stop and abandon a shutdown. Two or more line stops can be used in tandem to isolate and bypass many intersecting lines at once. Fluid in the line is bypassed, leaving a workable dead section to alter, repair or add a valve while the line remains in service.

Assessing the optimum solution for a pipeline isolation challenge is crucial in order to safely and effectively complete the line isolation. It is important to select a company with a solid history of line-isolation specific experience and training.

### Factors that Influence Line Isolation Method Selection:

- Application
- Design pressures
- Design temperatures
- Piping material and thickness specifications
- Corrosion allowance
- Size, location and orientation of the line
- Accessibility and other constraints for installation
- Process flow requirements
- Environment and other restrictions

### Line Isolation Services

+ Line stops
+ HiStops® - Positive sealing for high-temperature and pressure pipe systems (HTHP)
+ Freeze stops
+ Bag stops
+ Folding-head stops
+ Pivoting-head stops
+ Positive sealing for large diameters
+ Through-the-valve stops
+ Across-the-header stops
+ Tee stops
+ Cross-manifold stops
+ Elbow stops
+ Triple line stop
+ Specialty stops
+ InsertValve installation
+ Pipeline piggy wye

**TEAM strictly adheres to AWS, API, ASME, ABS, and NACE codes, guidelines, recommendations, and specifications.**

### Questions to Ask to Ensure the Right Line Isolation Method for Your Project:

- What are the chemical properties of the materials flowing through the equipment needing to be repaired or modified?
- What is the fluid velocity?
- What are the maximum and working temperatures?
- What are the chemical properties of the fluid?
- What is the safety factor or code design for the application?
- What is the turnaround time required?
- What regulations exist that may dictate method selection?
- What are the engineering requirements that define the type of anomaly that could lead to failure of the structure or component?

TEAM Industrial Services is the global leader in line isolation, servicing lines for over 50 years and longer than any other any other company in the industry. We offer line isolation for low, medium and high pressure piping systems as well as vacuum piping. TEAM's line isolation services assist during tie-ins, relocations, repairs, retrofits and routine maintenance. We own and operate a large and diverse inventory of line stop machines that are capable of providing safe and effective isolation without shutting down or interrupting your line's flow.

Our line-isolation technology offers unique solutions for your most challenging projects. TEAM's engineering and R&D teams support field technicians and your team 24/7 with CAD, machining and fabrication facilities and rapid response. We custom tailor the right services to your exact project, supplying the best solution to maximize results.

With decades of experience working on pressurized systems, from initial site survey through engineering assessment and preparation, TEAM's line isolation services are positioned to exceed your maintenance requirements and expectations.

### Advantages of TEAM's Line Isolation Services:

- Eliminates shutdowns or service interruptions
- Modifies or repairs a pressurized pipeline in a safe, expedient and cost effective manner
- Prevents emissions and loss of product
- Eliminates the need to blow down miles of line in between valves
- Offers custom service solutions
- Ensures fast delivery of resources to your job site
- Eliminates sediment fallout and pipe damage which result from de-pressurization

**TEAM experts are available 24 hours a day, 7 days a week, 365 days a year.**

Find your local contact at TeamInc.com.

### Why TEAM?

+ Single supplier, single point of contact worldwide
+ Company-wide commitment to safety
+ Trained and certified technicians
+ Complete range of maintenance and repair services
+ Engineering, manufacturing and technical support
+ World class quality processes and systems

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