



TEAM®

Hot Tapping and Line Intervention

Hot Tap and Line Intervention

Keeping critical piping and pressure vessels online during repairs, maintenance, and modifications.

Hot tapping provides a safe, reliable, and effective means to create a branch connection on “live” piping and pressure vessels while they continue to remain in service. This eliminates lost revenue by avoiding often costly and inconvenient outages. Hot taps are typically used as a tie-in point for new piping but are also often performed as a means to deploy instrumentation without shutdown. They are frequently performed as an essential step in preparation for line stopping. Successful line stops are the 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. Proper project planning from design conception through completion is crucial in order to complete hot tap and line stop work seamlessly. Care is required in inspection, design, and testing to ensure that this operation is done in a safe and reliable manner. It is important to select a partner with a solid history of hot tap and line stop specific experience, knowledge and regulation understanding.

Our Hot Tapping Capabilities Include:

- Standard Application - Diameters from ½” to 60”
- Standard being up to 102 bar and 220°C
- Nonstandard being anything higher up to 296 bar and 730°C - highlighting our ability to engineer a solution
- Tank taps
- Angle taps and panametric taps
- Taps into carbon steel, ductile iron, cast iron, concrete, and stainless-steel pipe including duplex

As the world’s foremost authority and innovator in the field of hot tap design and installation, TEAM provides custom and off-the-shelf solutions to satisfy your unique project needs. Whether hot tapping a pressurised pipe system, storage tank, pipe elbow, blind flange or containment wall – you can count on our experience to see your project is completed safely, efficiently, and on time.

Our hot tap procedures follow methodical steps due to the specialised nature of working on under-pressure systems. Highly trained and certified TEAM technicians performs a thorough review of every specific hot tapping application ensuring a safe, successful and reliable implementation.



IPSCO OEM

- TEAM manufactures and operates a complete range of hot tapping equipment under the renowned brand name IPSCO
- The IPSCO range includes our hot taps from ½” (ND 13 mm) to 60” (ND 1500 mm) at pressure ratings up to 1480 psi (102 bar) and temperatures up to 220°C (430°F).

Safe and Effective Line Stopping Backed by Decades of Experience

TEAM is the global leader in line stopping, servicing lines for over 70 years. We offer line stops for low, medium and high pressure piping systems as well as vacuum piping. TEAM's line stopping 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 stops without shutting down or interrupting your line's flow. Our line-stopping technology offers unique solutions for your most challenging projects. 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

- 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 depressurization

Our Line Intervention Capabilities Include

- Line Stops - critical pipeline isolation solution for maintenance without full shutdowns, using advanced techniques for secure, efficient results.
- SmartStop® - patented Double Block and Bleed line stop through a single entry point, enhancing pipeline safety and performance.
- Hi-Stop - high-pressure, high-temperature line stop technology designed for robust and reliable isolations in demanding environments.
- Inflatable Line Stops - flexible isolation for large or non-standard pipes, using lightweight equipment via smaller offtakes to reduce setup and improve adaptability.
- Pipe Freezing - non-intrusive isolation method forming solid ice plugs, ideal for safe, temporary shutdowns during pipeline maintenance.
- Through-the-Valve Stop - isolates pipelines through existing valves, reducing downtime and eliminating the need for pipe modifications.
- Across-the-Header Stop - ideal for isolating offtakes in tight spaces, delivering efficient solutions for complex pipeline layouts.
- Elbow Stop - engineered for pipeline bends, this method ensures precise isolation where straight-line access isn't possible.
- Line Stops with or without Bypass - versatile solutions for either complete isolation or maintaining flow continuity during repairs or upgrades.
- Five Position or Bifurcated Linestops - minimise interventions by isolating larger sections with fewer entry points, reducing time, equipment, and complexity.

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

Find your local contact at [TeamInc.com](https://www.TeamInc.com).



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For over a century, TEAM Inc. has provided asset integrity to diverse industries, including oil and gas, aerospace, petrochemicals, pipeline, and power generation. Our integrated service approach covers everything from inspection to repair, ensuring our communities operate safely and efficiently.

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