

Hot Tapping & Line Stopping Fittings, Equipment & Field Services

TEAM[®]



Keeping Critical Piping and Pressure Vessels Online During Repairs 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.

HOT TAPPING SERVICES

- + Pipeline tie-ins
- + Re-routing process piping
- + Repairing pressure letdown stations
- + Pressure and vacuum installations
- + Quality control sample points
- + Pressure gauge/monitoring points
- + Thermowell installations
- + Flowmeter installations
- + Injection quill installations
- + Wet tapping
- + Probe and meter Installation
- + Angle hot taps
- + Fitting taps; i.e.: elbows, end caps, etc.
- + Subsea hot tapping
- + Containment wall tapping
- + Storage tank taps
- + Manway taps
- + Cold taps

TEAM strictly adheres to all applicable codes and specifications; i.e.: API, NBIC, ASME, AWWA

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 company with a solid history of hot tap and line stop specific experience, knowledge and regulation understanding.

Hot Tapping Innovators & Pioneers

As the world's foremost authority and pioneer 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 pressurized 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 specialized nature of working on under pressure systems. Highly trained and certified TEAM technicians perform a thorough review of every specific hot tapping application ensuring a safe and successful implementation.

Advantages of TEAM's Hot Tap Offerings:

- + Over 70-plus years of extensive hot tap pioneering knowledge and with diverse experiences
- + Global collaboration to share expertise and lessons learned across a broad spectrum of industries served effectively utilized to formulate viable custom solutions to challenging opportunities
- + History of success...proven track record...quality service
- + O.E.M. – Original Hot Tap Equipment and Fitting Manufacturer
- + Provides access to the largest and most diverse inventory of hot tapping equipment in the industry
- + Eliminates shutdowns or service interruptions
- + Allows revenue stream to be maintained
- + Avoids costly redesign of pipeline sections
- + Reduces cost of planning
- + Prevents emissions and loss of product
- + Ensures fast delivery of resources to your job site

Safe & 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 of TEAM's Line Stop Offerings:

- + 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

Seamless Support & Service Experience: Certified Technicians Supported by in-House Engineering and Manufacturing Team

Choosing TEAM means you are working with the largest and most experienced specialized service provider ready to bring an unmatched level of safety and quality. We employ the most qualified technicians to ensure each and every job is completed to the highest standards every time. Our technicians are put through a rigorous method specific, multi-level certification and training process. The training process is comprised of both classroom and hands-on training resulting in knowledgeable and experienced technicians.

Our Engineering and Manufacturing teams back our field technicians and your staff with advanced engineering software, machining and fabrication facilities, and around the clock availability.

At TEAM, we manufacture and stock our own equipment and fittings, which means faster response times for you. We custom tailor the right services to your exact project, supplying the best solution to maximize results. We can even provide in service/live line welding services to install the hot tap fittings – from our in-house experts writing the weld procedure to our qualified welding crews executing the work. The result is a seamless service experience.

From engineering assessment to implementation, TEAM can quickly deliver a complete engineering package, fabrication and service solution for you anytime, anywhere.

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

Find your local contact at TeamInc.com.

LINE STOPPING 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
- + HTP Stop
- + Sure-Stop



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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