

**TEAM<sup>®</sup>**



**On-Line Leak Sealing and  
Mechanical Repair**

# On-Line Leak Sealing and Mechanical Repair

## Keeping Critical Pressurized Equipment On-Line – Your Reliability Partner

Plant integrity threats such as leaks or wall thinning can be extremely costly to operators if left unresolved. TEAM’s world-leading on-stream leak sealing and mechanical repair group is available 24/7, adding value to customer operations by maximizing the availability of critical equipment, reducing steam-raising costs, minimizing environmental emissions and enhancing safety.

At TEAM, we pride ourselves on being able to deal with any integrity threat from the most routine valve-packing leak to the most complex high-pressure, hydrocarbon-piping repair. We do so with industry-leading safety, responsiveness and compliance. All damage mechanisms and leak sources are repaired by our local technicians with the added insight and support of our global engineering group.

Our team is uniquely qualified to assist with your repairs, as we invented the process of on-line leak sealing, and have spent nearly 100 years perfecting it. We’ve handled just about every imaginable leak-sealing application – safely and successfully.

### Industry-leading Responsiveness – There When You Need Us

From taking the call to restoring integrity, TEAM’s unparalleled local service technician pool allows us to respond quickly to emerging issues 24/7. Should hardware be required, TEAM holds the world’s largest inventory of leak sealing flange clamps and piping enclosures, enabling instant repairs to be made to all common flanges and piping features. Where a custom solution is required for complex geometry, our global engineering and technical support groups are ready for an immediate start. They are capable of turning around designs in short order for instant manufacture utilizing our state of the art 3 and 5 axis CNC machining cells or ASME qualified fabrication teams.

### Industry-leading Compliance – Leading the Way

As pioneers in leak sealing and mechanical repair, TEAM continues to be the vanguard for the industry. Our technical staff lead and actively contribute to ASME PCC-2 articles on mechanical repair, ensuring that our unparalleled operating experience is turned into industry best practice. All pressure equipment produced by TEAM is engineered and manufactured in accordance with ASME VIII Div. 1 as standard with Finite Element Analysis (FEA) being utilized using Division 2 rules where applicable.

We recognize that in many instances a composite repair will offer superior performance, for that reason our engineers are trained to recognize the best solution and offer an ASME PCC-2 compliant composite repair where it adds the most value.

### Cost Effective for the Routine

At TEAM there is no job too small. While our capabilities are vast, our ability to resolve small or routine problems in a cost-effective manner is key to our value proposition. Our scalable suite of repair solutions allows us to select a safe and effective solution that is “right sized” for any customers’ situation.



### Capable in the Complex

With increased risk comes increased assurance. TEAM’s engineering group has won numerous industry awards for innovative technology that solves unique or challenging integrity problems. No situation is too complex. From sealing a Nitrous Oxide leak on the space shuttle Discovery to installing an unmanned ROV-deployed pipe cap deep in the ocean off West Africa, TEAM can handle any integrity threat, anytime, anywhere.

Where the application calls for advanced solutions – whether it be laser scanning to ensure correct fit-up, double block and bleed seals to allow pressure test and monitoring or simply large-scale repairs – TEAM will deliver. For further assurance, third-party approval can be secured as required.

### Capabilities

TEAM’s technology is proven across a wide range of operating services. Our track record includes:

- Pressure: vacuum to 11,300psi (780 bar)
- Temperature: -320°F to +1,830°F (-196°C to +1,000°C)
- All fluid services from inert to highly hazardous

### Applications

TEAM’s range of leak sealing and mechanical repair solutions is as broad and varied as the piping configurations seen in our customers’ plants. Typical applications include:

- Valve packing leak repairs
- Bolted joint leak repairs
- Piping and vessel leak sealing and mechanical repairs
- On-stream valve repairs (failure to isolate, failure to close)
- Piping and reformer tube crimping (permanent on-stream isolation)
- Atmospheric storage tanks
- Electrical transformer leak repairs

### Your Reliability Partner – Beyond Leak Sealing

TEAM takes leak sealing beyond standard repair. With a full suite of asset integrity solutions including Risk Based Inspection (RBI) planning, standard, advanced and proprietary inspection technology, and Fitness for Service (FFS) capabilities, think of TEAM as your valued reliability partner.

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

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

### Why TEAM?

- + **Single supplier for asset integrity management solutions worldwide**
- + **Company-wide commitment to safety**
- + **Trained and certified expert technicians**
- + **Complete range of maintenance and repair services**
- + **Engineering, manufacturing and technical support**
- + **World-class quality processes and systems**







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