



TEAM[®]

Touch Point Corrosion

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Integrated Solutions Ensure Integrity at Touch Points & Pipe Supports

Touch-point Corrosion (TPC) and Corrosion under pipe supports (CUPS) are damage mechanisms that plague industry. Accelerated external wall loss at these highly localized points presents particular integrity concerns as the damage is:

- Difficult to avoid
- Difficult to measure
- Difficult to detect
- Difficult to remediate

TEAM's Touch Point Corrosion program is delivered as a fully integrated solution, offering a seamless service that includes engineered line lifting, expert inspection, and comprehensive composite or mechanical repair capabilities where required.

This packaged approach allows for efficient execution from damage identification through to remediation without the need for multiple contractors. By combining lifting, inspection, and repair into one cohesive service, TEAM ensures consistent quality, reduced downtime, and optimal asset integrity management.

Laser Scanning Visualisation

TEAM has the capability to rapidly capture geospatial data and create a digital model of the plant or facility. This data allows touch points to be identified, digitally tagged and catalogued.

Inspection and NDT Services

TEAM Inspection are redefining industry standards with our class-leading approach - delivering cost effective, safety-critical Inspection and NDT services. Our unwavering commitment to quality, innovation and integrity sets us apart, ensuring unparalleled excellence while safeguarding your personnel, assets and reputation.

Our expertise guarantees selection of the optimal inspection technique for each system, ensuring that the methods used align perfectly with key customer requirements, tolerances, codes and standards.

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

Engineered On-Stream Line Lifting

Should any damage detected require further assessment using direct methods, or a repair or remediation, TEAM is able to carry out an engineering analysis of the damage line to assess the risk of lifting. If suitable, TEAM can lift the line in a controlled manner to create access for further activities. TEAM's engineered on-stream line lifting solution provides a step change in safety in comparison to lifting using cranes or uncontrolled jacking. TEAM's solution provides the following benefits:

- Lift curvature evaluated using piping stress analysis
- Lift height limited using mechanical stops
- Detailed Risk Assessment and JSA collaboration
- Full lift height mechanically locked, hydraulics depressurized
- Ultra-portable lifting jacks – suitable for manual handling
- Rapid movement of lift points along pipe supports

Condition Monitoring – Ensuring Ongoing Reliability

A reliability-focused touch point corrosion program is not just a discrete project, on-going monitoring of the plant is required to ensure integrity. TEAM's program includes the option of a range of monitoring techniques from conventional riskbased inspection through to permanently installed guided wave collars that allow real time condition assessment for critical lines.

Remediation & Repair

Where coating breakdown and minor damage is found, TEAM is able to remediate the contact point using a range of advanced coatings and bonded wear plates, eliminating the crevice and preventing further degradation. Should a fitness-for-service assessment deem a repair is required, TEAM's industry leading composite repair system can be deployed. TEAM controls the full repair process from material selection through design, installation and inspection ensuring compliance with ASME PCC-2 and ISO 24817. Where a composite repair is unsuitable, TEAM's mechanical repair enclosures are installed to restore integrity and ensure reliable operations.



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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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