

Streamlining industry solutions: ICR's Quickflange™ success story for a leading Canadian steel manufacturer

Date: August 2023

Client: Leading Canadian Steel Manufacturer

Location: Canada

Client challenge

A leading Canadian steel manufacturer was faced with a critical challenge where they needed to demonstrate their ability to efficiently serve a variety of industries while also addressing two main concerns—timeframe and hot working. Specifically, the client had a pressing issue with faulty pipework that required immediate attention. They required a reliable solution that could not only meet their stringent timeframe requirements but also eliminate the need for hot working, and minimise safety risks and costs.

What we did

In response to our client's challenge, we provided a comprehensive and efficient solution to showcase our capabilities and expertise with the following:

- Quickflange™ tool deployment: To minimize lead times and shipping costs, we utilized our hub in Houston to deploy our specialized 3" STD Quickflange™ tool. This tool was essential for creating gas-tight connections without the need for hot working.

- Custom spool fabrication: Working closely with our client, we designed and fabricated a bespoke spool to replace the faulty pipework. This spool was engineered to seamlessly integrate with the existing pipeline infrastructure.
- Onsite expertise: We ensured that trained personnel were available onsite to oversee the installation process, guaranteeing that the replacement spool and Quickflanges™ were securely and efficiently connected.
- Gas tight connection: Following the installation, we utilized our 3" STD Quickflanges™ to create a gas-tight connection, ensuring the integrity of the entire pipeline system. Our Quickflanges™ not only eliminated the need for hot working but also offered a reliable and efficient solution

Results

With ICR's range of technologies, and wide footprint throughout the globe, we managed to offer a trusted solution whilst minimizing lead times and shipping costs. Quickflange™ successfully addressed the clients' two main concerns: timeframe, and hotworking. This scope sets good precedent for ICR's ability to serve Canada from the Americas hub, and our ability to serve a widespread of industries.



Customer satisfaction



Time & cost savings



No hot work



Technicians completing a Quickflange™ installation in a confined space with no hot work required