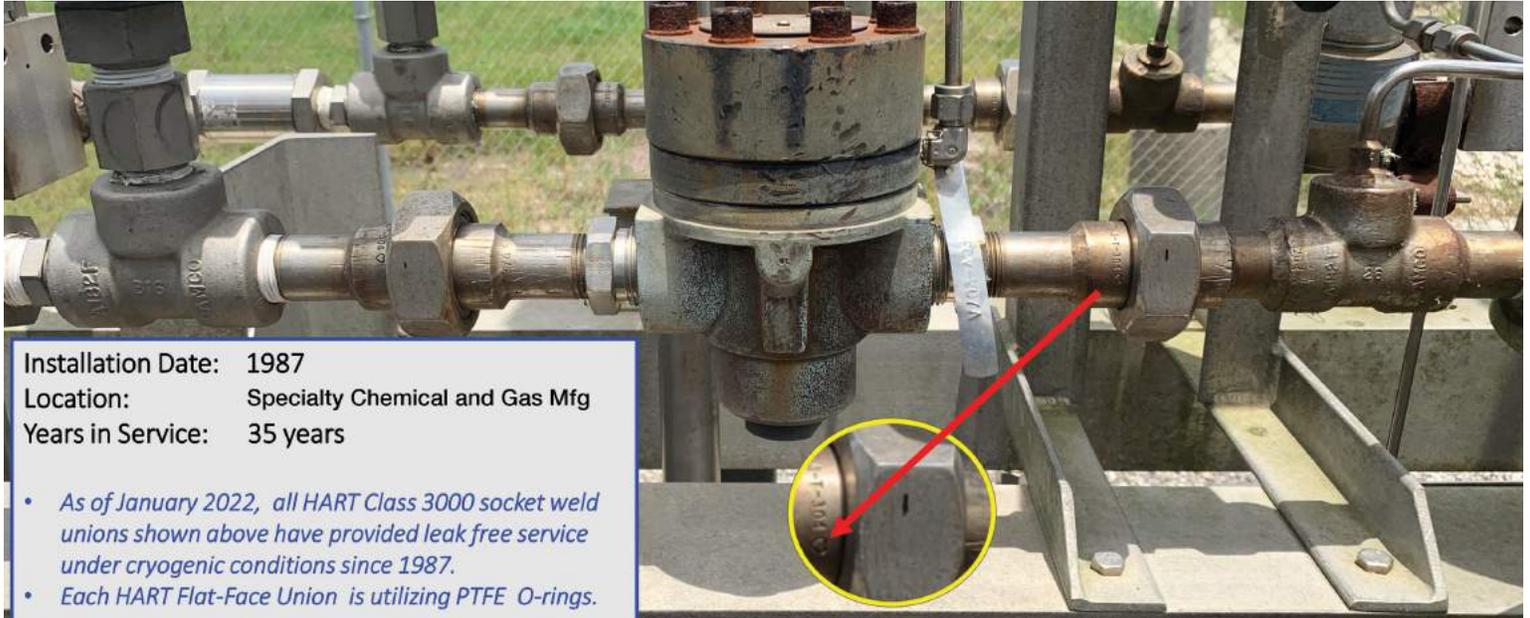


LEAK-FREE UNIONS IN SERVICE FOR OVER 30 YEARS!



Installation Date: 1987
Location: Specialty Chemical and Gas Mfg
Years in Service: 35 years

- *As of January 2022, all HART Class 3000 socket weld unions shown above have provided leak free service under cryogenic conditions since 1987.*
- *Each HART Flat-Face Union is utilizing PTFE O-rings.*

SUCCESS STORY SEALING HIGH PRESSURE CRYOGENIC GAS

HART Sure-Seal O-Ring Unions (shown above) were designed for this application and installed in 1987. These Class 3000 unions were required to seal high-pressure specialty gases within various sections of the OEM system. Each union utilized in this application was Class 3000 rated, 1" 304L stainless steel body, with schedule 40 socket weld connections containing specialty PTFE O-rings. The PTFE O-Ring was critical to ensure the long-term ability to handle a wide range of service temperatures. The specific HART part number used in this application is **3333-5-T-304L**.

RESULTS OF 30 YEARS IN SERVICE

- **No Downtime - Leak Free:** HART unions can handle external and internal/external temperature cycles without pressure loss while in service.
- **Maintenance Free:** All unions performed without leaks which resulted in cost savings for maintenance, labor, and routine service inspections.
- **Long-term performance and reliability:** Proven performance over 30 years under extreme internal and external conditions allowed for expanding this proven system across numerous platforms for customers requiring high-quality results.

1.800.769.0503
SALES@HARTINDUSTRIES.COM



HARTINDUSTRIES.COM
870A FOUR ROD RD. BERLIN, CT