

LOKRING COLD WELD TECHNOLOGY - TRIAL APPLICATION AT HABSHAN

Dear Colleagues

Habshan & Bab have successfully installed **Lokring Couplings** based on the training provided by M/s. Lokring Middle East and in the presence of TE Team. Lokring couplings were installed on steam line, the pipping was commissioned and pressurized by Habshan Operations and confirmed that no leaks from Lokring couplings.

- Lokring is a permanent metal-to-metal, Cold Weld Technology used as a high integrity alternative to butt weld, socket weld, flanged or threaded joints on small bore piping up-to 4”.
- Lokring provides a connection equivalent to a butt weld without any hot work. we can use this technology to save man-hours and eliminate the need for hot work permits, skilled welders, source of ignition, **purging**, fire watcher, RT, PWHT and NDT.
- Lokring technology can enable us to perform some jobs online if shutdown not possible. i.e. with 15 minutes for **installation**.
- Lokring technology is first time implemented at Habshan Plant in ADNOC Gas Processing and ADNOC Group of Companies.

Based on successful trial of Lokring technology at Habshan, we are in coordination with TE to get procedures in place to ensure that Lokring / Cold Weld Technology is used correctly and safely on sites.

We appreciate Habshan Maintenance Team for this initiative.

