Leak Repair Clamp

Oil States - QCS Leak Repair Clamp (LRC) is a split-sleeve, clamp-style fitting designed to encapsulate and seal off localized pipeline leaks. This robust clamp comes in structural and non-structural designs and is the preferred method for permanently repairing pinhole and crack-type pipeline leaks.

Hydraulic cylinders are used to assist with the open/close functions. Quick installation design makes use of hydraulic stud tensioners to tighten the body and seal bolts for a permanent, environmentally safe repair.

Specialty clamps can be custom designed to encapsulate leaking flanges and other pipeline fittings.
SUBSEA PIPELINE TECHNOLOGY

Leak Repair Clamp

Key Benefits

- Standard Viton seals
- Circumferential seals that are energized by tightening the end bolts of the clamp
- Cathodic protection
- Hinges and hydraulic cylinders assist with open/close functions during installation
- Quick installation design uses hydraulic stud tensioners to tighten body and seal bolts
- Low pressure boundary and sealing length
- Reversible, collet-grip models available for full structural pipeline integrity

Applications

- Pipeline repair operations – shallow water, diver assist

Services

- Engineering design
- Testing – FAT, SIT qualification
- Coatings
- Installation technical assistance

About Oil States - QCS

A division of Oil States Industries, Inc., Houston-based Oil States - QCS designs, manufactures and markets proprietary deep and shallow water pipeline connectors for subsea pipeline construction, repair and expansion projects.