

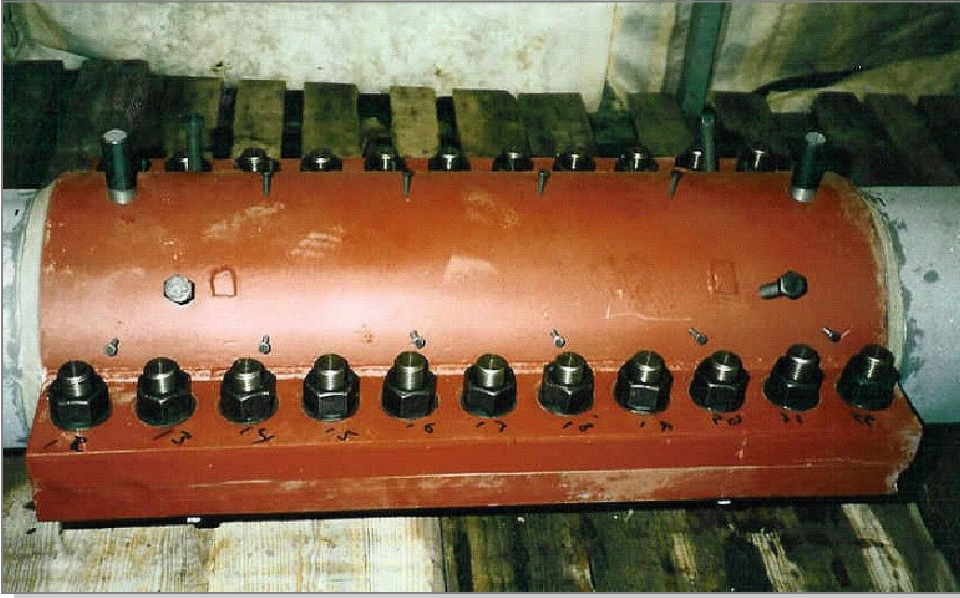


DENHOLM PIPECARE

A division of DENHOLM MACNAMEE LTD

Epoxy Repair System

For Repairing High Pressure Mains by the Safest, Best and Cheapest Method



The Epoxy shell repair comprises two half shells which are joined to encircle the damage, leaving a large annular gap. This gap ensures that even severely distorted pipelines can be repaired.

The shells have the same thickness and grade as the pipeline and are at least one diameter longer than the damage.

The ends of the shell are sealed with a putty material and the cavity injected with a high stiffness epoxy grout.

The repair prevents radical bulging associated with damage failure.

It also sheds stress into the shell, which reduces both cyclic stresses near the damage and hence locally increases the pipeline's strength and fatigue life.

Benefits:

- ◆ It is a simple, rapid, proven and safe repair method.
- ◆ The damage is fully restrained.
- ◆ No welding is required on the live pipeline.
- ◆ The annular gap between the pipeline and shell is large, which simplifies the manufacture and eliminates fit-up problems during installation.
- ◆ Technique has a sound track record.

