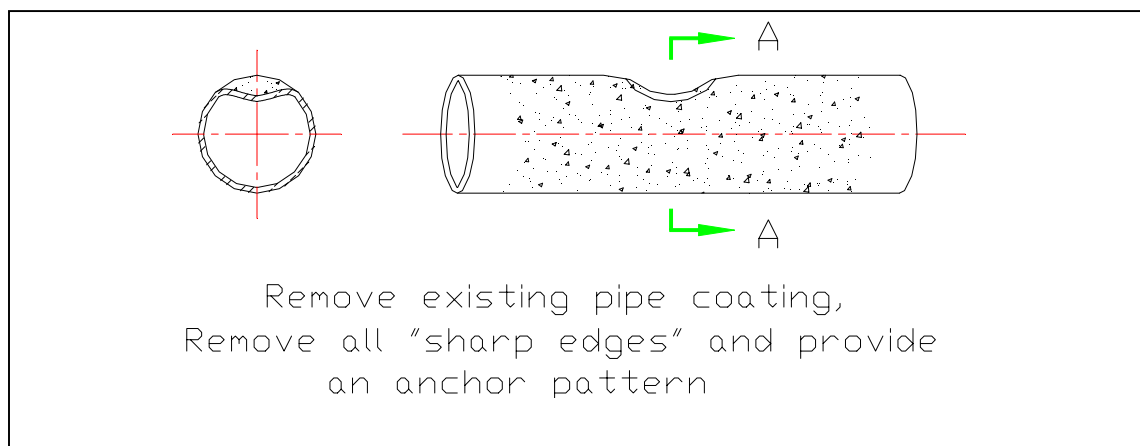
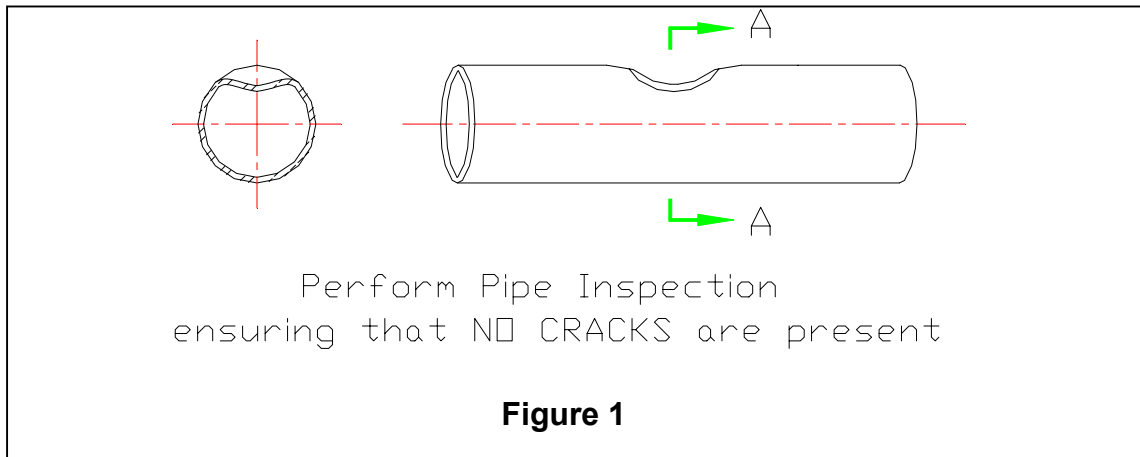
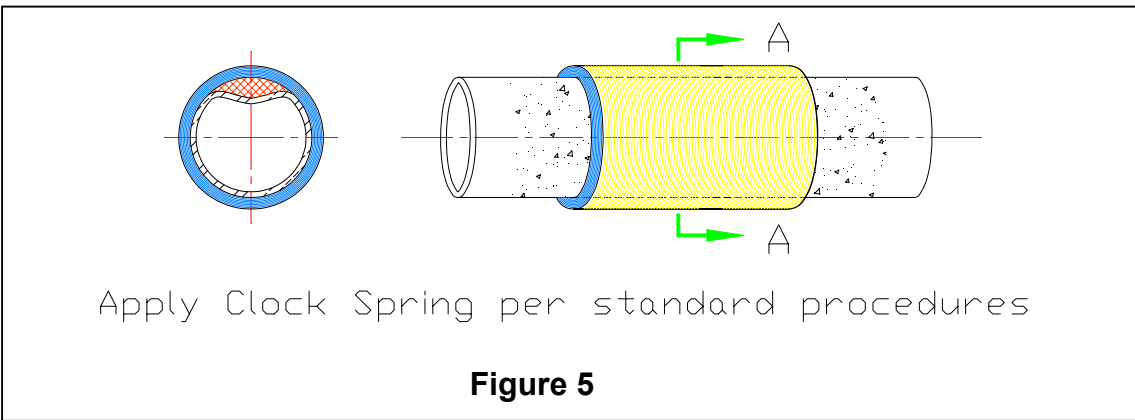
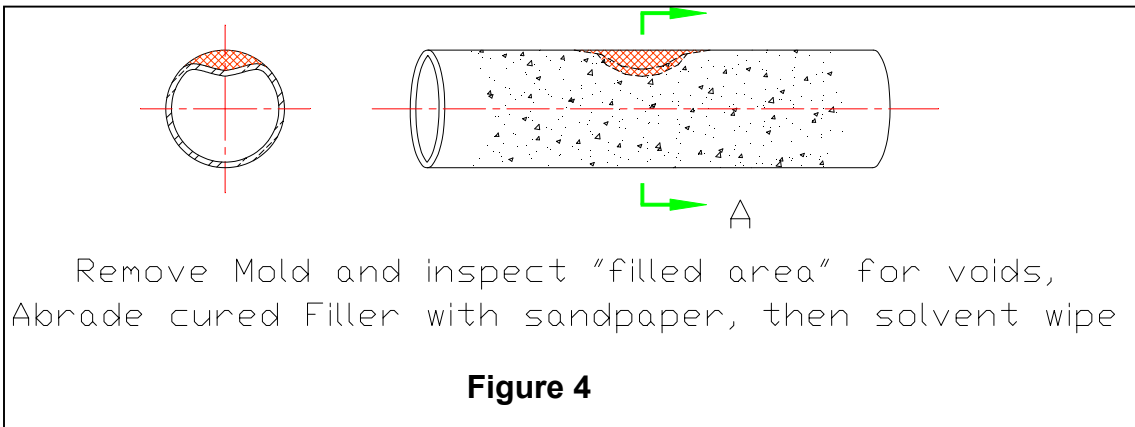
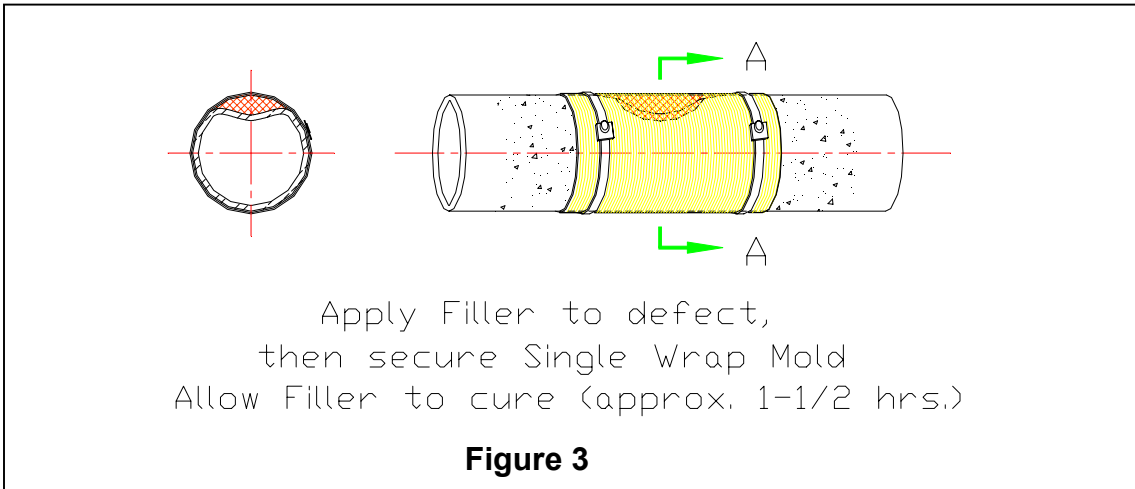


CLOCK SPRING®

Application Note Dent Repair

The following procedure provides the generic approach to reinforcing dented pipe sections. Reinforcing dented pipe reduces cyclical loading that can lead to time dependent failure. Fatigue testing indicates that the Clock Spring® repair system extends the fatigue life for dressed mechanical defects by an order of magnitude over grinding as the sole repair. (GRI Report No. GRI-97-0413 "Evaluation of a Composite System For Repair of Mechanical Damage in Gas Transmission Lines"). The repair is limited to smooth dents caused by inadvertent pipe contact with machinery or objects in the ditch or backfill. Stress concentrators in the dent must be removed in accordance with applicable codes and the dent area inspected for surface cracking. Contact the Clock Spring Company, L.P. or a designated representative for more information.





Simply the smartest pipeline repair decision you can make!

Clock Spring Company L.P. • 14107 Interdrive West • Houston, Texas, 77032
Telephone 281.590.8491 • 800.471.0060 • Fax 281.590.9528
Clock Spring • 4A The Causeway, Godmanchester, Huntingdon, Cambs, PE29 2HA, England
Telephone 011 44 1480 414 703 • Fax 011 44 1480 414 705
www.clockspring.com