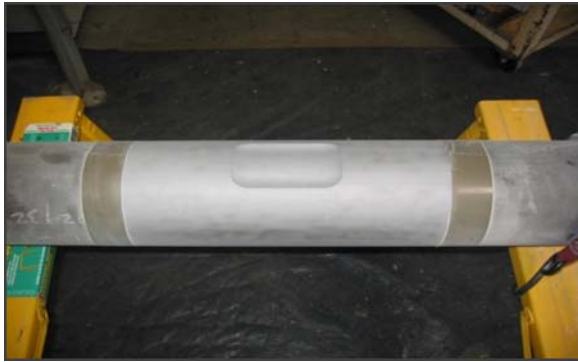


Summary

Short Term Spool Burst Testing Pursuant to ASME PCC-2

Test Details:

The pipe section selected for the test was 6" nominal diameter X42. The actual tensile strength of the steel was 60,730 psi. The wall loss in the machined defect area was 80%. The defect was 6.625" long by 3.125" wide. The repair material used was tested separately and had a per ply strength of 1970 pounds per inch of width. The test pressure was calculated at 7920 psi and the number of layers of wrap at 11.



6" X42 80% Wall Loss Machined Defect 6.625" x 3.125"

Test Results:

The repaired pipe section was taken to Authorized Testing where the test was performed. The pipe section was placed in a pit and the testing commenced. The pipe was pressurized to **8200 psi** and the pressure was released. There were no signs of wrap failure or leaks. This result is very good in as much as the pipe withstood a greater pressure than required and did not fail.



Tested to 8200 psi With No Failure per ASME PCC-2 Short Term Spool Test