

Case Study 9: High Temperature Pipe

Pipes in service operated at temperatures as high as 360°C can be inspected using the High Temperature (HT) Wavemaker® Pipe Screening System (WPSS).

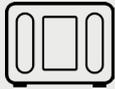
Job Details

- 8" Heavy Diesel line
- Calcium silicate insulation
- Pipe operation temperature at 240°C (or 464°F)
- High noise environment

Main Findings

- HT ring can be operated at high temperatures repeatedly
- An area of corrosion was identified and followed up with conventional NDT techniques.

Equipment:



Wavemaker® G4^{mini}



HT Inflatable Ring



An 8" diesel line operating at 240°C (or 464°F) being tested by a HT inflatable ring.



A temperature reading of 242°C (468°F) on the surface of the 8" diesel line.

