

Guided Wave Testing Case Study 4 Inspection of Pipelines at Soil to Air Interface

Earth walls are a common feature in petrochemical plants and tank farms where corrosion is often located at the soil/air interface.

Job Details

- 14" light crude line
- Painted pipe surface
- Bitumen coating within the buried section
- Wall section is 2.3m wide

Main Findings

- Soil/air interface and buried section inspected
- Medium (Category 2) corrosion identified at the entrance location
- Defect axial position and circumferential orientation highlighted for follow up and repair

Equipment:



Wavemaker® G3



Inflation Ring



An overview of the pipe at the earth penetration



Corrosion patch detected at the entrance location.

