

CONDITION ASSESSMENT TECHNIQUES FOR PRESSURE WATER MAINS

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ABSTRACT

The techniques used to determine the condition of pressure water mains are briefly described and evaluated. Techniques are broadly categorised into two classifications – direct and indirect, with direct techniques being further subdivided into Intrusive and Non-Intrusive, depending on whether they cause disruption to the operation of the main. RFT Hydroscope is internationally recognised as the leading technology in the inspection of cast iron mains, but is not available for diameters in excess of DN375. Indirect techniques are subdivided into Environmental and Operational Performance categories.

*Paper presented at Seminar Asset Planning and Operations CSIRO, Highett
November 2001*