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.

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