

Contrôle du joint de soudure d'un pipeline par ultrasons

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Abstract: In this study, we have been adapted to the various techniques of non-destructive testing and especially non-destructive ultrasonic testing by contact of a piezoelectric transducer with welded parts (welded pipe). This method can detect, locate, dimension and identify defects in the weld seam after going through several steps such as calibration and tracing of the distance amplitude curve. The ultimate goal of this control is to accept or reject controlled parts according to international standards

Keywords : Non-Destructive testing, - ultrasonic testing, welded pipe