



ULTRASONIC INSPECTION REPORT

156825-UT-01
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Procedures: BW-1A Thickness/Lamination
Code: Client Information

Job / P.O. #: IRISNDT #: 156825 Date: 23-May-12
Client: CNRL
Location: 04-07-045-21W4M Duhamel Battery
Item Inspected: Vessel UT Thickness survey on Treater A0220737 Firetube

Material: Carbon Steel Surface Condition: Buffed Heat Treatment: Not Applicable

Equipment: GE DMS2 Mfg. S/N: 020448 Calibration Date: 22-Mar-12

Table with 4 columns: Calibration Block(s), Transducer, S/N, and other parameters. Includes rows for Angle, Frequency (MHz), and Crystal Size.

Dis. AMPL. Calibration: Not Applicable Couplant: Exosen 30 Batch #: 1023

Transfer Loss Calibration: Direct Comparison: [checked] Other: [] TL: +3 db

Reference Flaw Size: Backwall Primary Reference Level: 82% Reference Gain: 56 db

Lamination [checked] Shear Wave [] Volumetric [] Thickness [checked] Scan Methods: Contact [checked] Immersion []

Inspection Results:

Per client request perform a UT thickness survey on Treater A0220737 Firetube.

See attached pages for UT thickness survey locations and thickness values.

No readings of concern were recorded during the inspection.

Inspection Limitation(s): None

Form containing Unit# and Kilometers, Consumables, Interpretation by (Kris Katryniuk), Client Representative, and Personnel (Kris Katryniuk, Justin Ditrick).

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