



MAGNETIC PARTICLE INSPECTION REPORT

CA0312-MT-2 Page 1 of 1

Procedure: 5.0 Rev 1 Client: Chevron Date: 31-Oct-15
Technique: MT-2V IRISNDT #: 173502 Other: H-500
Code: ASME Sect VIII Div. 1 - App 6-4 Location: d-34-K/94-O-05 Liard Other: A573595
Other: Crack check Item Inspected: Lineheater Firetube

Surface Condition: Painted [] Sandblasted [] Machined [] As Cast [] As Forged [] Weldment [x] Other []

Material: Carbon Steel Thickness: .250" approx Heat Treatment: N/A

Magnetizing Equipment: Yoke [x] Coil [] Permanent [] IRISNDT #: 40155 Mfg: Parker Calibration Date: 6-Oct-15

Method of Magnetization: AC [x] DC [] Continuous [x]

Blacklight: Y [] N/A [x] IRISNDT #: N/A Verification per ASME V Art 7 T.777.2 Blacklight Meter: IRISNDT #: N/A Calibration Date: - -

Whitelight: Y [x] N/A [] Verification per ASME V Art 7 T.777.1 Lighting Equipment: Yoke Light (10W)

Magnetic Particles: Dry [] Wet [x] Red [] Grey [] Black [x] Fluorescent []
Batch #: 1168-12 Mfg: Magnaflux Type: 7C

Background: [x] Batch #: 1326 Mfg: Ardrex Type: 8901W

Scope:

Wet black magnetic particle inspection were performed on Lineheater H-500 Firetube at d-34-K/94-O-05 facility. The following was inspected during an internal inspection opportunity:

- All tube to tubesheet fillet welds
- All mitered return bend welds

Results:

- No relevant indications were observed
- Acceptable to above listed code

Inspection Limitation(s): ---

Unit#: 560 Kilometers: --- Consumables: MT-Min. Interpretation by: Matthew Mackay SNT-TC-1A: II
In: --- Out: --- Hrs: --- (Print) C.G.S.B.: II (Level)
In: --- Out: --- Hrs: --- Oct 31/15 C.G.S.B. #: 12580
Personnel: MM DP (Signature) Client Representative: (Print) I am in full agreement with report contents (Sign)

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