



MAGNETIC PARTICLE INSPECTION REPORT

127020-MT-WF-04

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Procedures: MT 2V**Code:** ASME Section VIII Div 1 App. 6**Job / P.O. #:****IRISNDT #:** 127020**Date:** 07-Jun-07**Client:** CNRL**Location:** Taber**Item Inspected:** Fire Tube**Surface Condition:** Painted ☐ Sandblasted ☐ Machined ☐ As Cast ☐ As Forged ☐ Weldment ☒ Other ☐**Magnetizing Equipment:** Yoke ☒ Coil ☐ Prod ☐ Bench: Headshot ☐ Central Conductor ☐ Coil ☐
IRISNDT #: 40112 Mfg: Parker Calibration Date: 19-Mar-07**Blacklight:** ☐ IRISNDT #: Mfg: Calibration Date: - -**Whitelight:** Battery Powered Min. 3V ☐ Held within 30cm (12in) of the inspection surface
110V Power Min. 60W Bulb ☒ Held within 30cm (12in) of the inspection surface**Method of Magnetization:** AC ☒ DC ☐ Continuous ☒ Residual ☐**Magnetic Particles:** Dry ☐ Wet ☒ Red ☐ Grey ☐ Black ☒ Fluorescent ☐
Batch #: 929 Mfg: Magnaflux Type: 7C**Background:** ☒ Batch #: 944 Mfg: Ardrex Type: 8901W

Scope: Perform a wet black magnetic particle inspection (MPI) on all accessible areas of the external welds of the fire tube from Group Treater A0161747 from facility – 09-17-011-16W4.

Results: No rejectable indications were found, all items inspected are acceptable to code.

Inspection Limitation(s):

Unit #: 228	Kilometers:	Consumables:	Interpretation by: SNT-TC-1A II
In: Out: Hrs:			Wes Farquhar C.G.S.B. II
In: Out: Hrs:			C.G.S.B. # 10477
Personnel: WF			(Signature)
			I am in full agreement with report contents:
			Client Representative: _____

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