



Magnetic Particle Inspection Report

Job #:
Report #:
Inspection Date:
-BV-1
October 10, 2012

Client:	CNRL	Location:	Ralston Battery	
Procedure:	MT-0001	Item Inspected:	Vessel	
Code:	ASME Section VIII Div. 1	MPI of the fillet welds and miter joint welds		
Surface Condition:	Painted <input checked="" type="checkbox"/> Sandblasted <input type="checkbox"/> Machined <input type="checkbox"/> As Cast <input type="checkbox"/> As Forged <input type="checkbox"/> Weldment <input type="checkbox"/> Other <input type="checkbox"/>			
Magetizing Equipment:	Yoke <input checked="" type="checkbox"/> Coil <input type="checkbox"/> Prod <input type="checkbox"/> Equip #: 4169	Bench:	Headshot <input type="checkbox"/> Central Conductor <input type="checkbox"/> Coil <input type="checkbox"/>	Mfg: Parker Calibration Date: 01-Oct-2012
Blacklight: <input type="checkbox"/>	Equip #:	Mfg:	Calibration Date: - -	
WhiteLight:	Battery Powered Min. 3V <input type="checkbox"/> 110V Power Min. 60W Bulb <input type="checkbox"/>	Held within 30cm (12in) of the inspection surface		
Magnetization	AC <input checked="" type="checkbox"/> DC <input type="checkbox"/>	Continuous <input checked="" type="checkbox"/>	Residual <input type="checkbox"/>	
Magnetic Particles:	Dry <input type="checkbox"/> Wet <input checked="" type="checkbox"/> Batch #: 9610K	Fluorescent <input type="checkbox"/> Mfg: Magnaflux	Red <input type="checkbox"/> Grey <input type="checkbox"/> Black <input checked="" type="checkbox"/>	Type: 7HF
Background:	Batch #: 09C09K	Mfg: Magnaflux	Type: WCP-2	

Scope and Inspection Results

Scope: Carry out Magnetic Particle Inspection on Firetube from Group Treater A2710237
@ LSD: 05-14-018-10W4M.

Results: 100% MPI was carried out on all fillet welds and miter joint welds.
All welds were MPI inspected 100% with wet black technique.

MPI was carried out on Tube to tube sheet fillet welds and on
Miter joint welds.
No relevant indications were found at time of inspection.

See attached pictures for locations of areas examined.

Inspection Limitation(s): None

Time and Billing Information:

Vehicle #:	001	Kms:		Hrs		Inspector (Name):	Blair Verge		SNT-TC-1A:	
Time In:	00:00	Time Out:	00:00			Inspector (Signature):			C.G.S.B. Level:	II
Time In:	00:00	Time Out:	00:00			Client (Name):			C.G.S.B. #:	5586
Personnel:	Ayralee Martin Blair Verge				Client (Signature):					
	:				Chief Inspector (Signature - If Required):					

Additional Billing Information: