

 RTD QUALITY SERVICES INC. GRANDE PRAIRIE OPERATIONS PH: 1-780-814-7227 CELL: 1-780-518-0812 Fax: 1-780-402-3030		GENERAL NDE REPORT		Milligan Main GA2009-002				
		Date	March 25, 2009		Page	1	of	2
		RTD Job #:	05.002999					
		RTD Dep. #:	2327					
Client:	Canadian Natural Resources Limited		Lot #:	LSD b-63-G/94-H-02				
Address:	Fort St. John, B.C.		Location:	Milligan Main				
P.O.#:			Procedure:	(RTD) MT.001				
Client Rep.:	Chris Jungen		Code:	ASME B 31.3				
Description:	Line Heater Fire Tube.							
Surface Condition:	<input checked="" type="checkbox"/> Weldment <input type="checkbox"/> Ground	<input type="checkbox"/> Machined <input type="checkbox"/> Sandblasted	<input type="checkbox"/> Painted <input type="checkbox"/> Other	Surface Temp (C°):	<input type="checkbox"/> < 5 > 5 ♦ < 60 > 60			
<input checked="" type="checkbox"/> MAGNETIC PARTICLE INSPECTION								
Equipment Type:	<input checked="" type="checkbox"/> Yoke <input type="checkbox"/> Bench	Asset No.:	313		Calibration Due Date:	12/09		
Blacklight:	Intensity Check: 800	μW/cm ²	Asset No.:		Calibration Due Date:			
Method:	<input checked="" type="checkbox"/> A/C <input type="checkbox"/> D/C	Type:	<input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Residual	Power Supply:	<input checked="" type="checkbox"/> 120 V <input type="checkbox"/> Battery <input type="checkbox"/> Natural			
Type:	<input type="checkbox"/> Dry Powder: Colour:	Wet:	Black and White X		Fluorescent			
Product Manufacturer:	Magnaflux		Product Identification Code:	7 HF				
INSPECTION DETAILS								
Scope:	1. Performed Magnetic particle inspection on Line Heater fire tube.							
Ref:								
Results:	1. Magnetic Particle Inspection carried out on fire tube welds. No cracks or defects noted from the inspection.							
Technician:	D. Wiedman	CGSB /ASNT/SNT Level:	2	Start Time:		Stop Time:	ST OT	
Signature:		Method:	ET/PT/UT/MT/RT	Unit:		Km:	Travel Time:	
Assistant:	G. Avery	CGSB /ASNT/SNT Level:		<input type="checkbox"/> Subsistence required <input type="checkbox"/> OT Meal				
Client Signature:			Consumables:					
*Results are an interpretation of the inspection method, not a guarantee. Client signature indicates acceptance of report, results and applicable charges.								
								
Vessel data plate				fire tube overview				



vessel overview



fire tube bolting flange



fire tube elbow



fire tube with support brace