



PRESSURE VESSEL - VISUAL INTERNAL INSPECTION REPORT

District:	GRANDE PRAIRIE	Facility	Spirit River South	Location/LSD	08-09-077-07W6
Equipment Name	TREATER			Prov Reg No.:	0478711
Serial No.:	01-07-55	Equip No.:		National Board No.:	

VTI INSP

Accept

Client: CNRL

INSPECTOR JAMES TANASICHUK

VITUS INTERNAL REVIEW BY: Kevin Billesberger

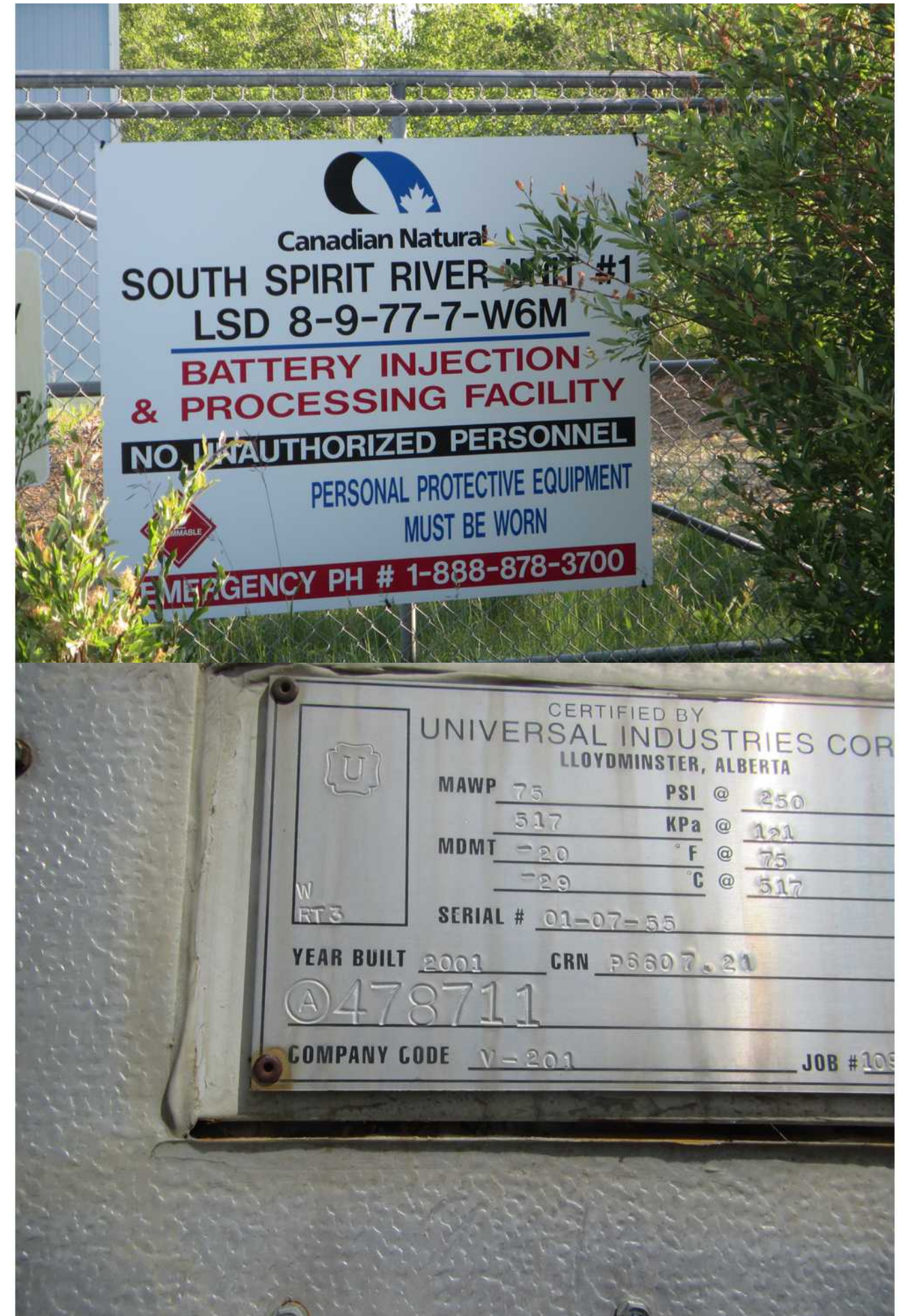
DATE: July 2022

CLIENT SIGNOFF

DATE:

PRESSURE VESSEL STATIC DATA

Equipment Status:	Operating					Orientation:	Horizontal				
Skid No.:						Unit:					
EQUIPMENT STATIC DATA											
AB Registration No.:	0478711					Serial No.:	01-07-55				
Registration No./Other:						Equipment No.:					
CRN NO.:	P6607.21					Unique ID No.:	V-201				
National Board No.:						Oncor ID No.:	182678				
Manufacturer:	Universal Industries					Year Built:	2001				
MAWP:	75.00	(psi)	517.11	(Kpa)		Temperature:	250.00	(F)	121.11	(C)	
Diameter.:	96.000	(In)	2438.40	(mm)		Length:	384.00	(In)	9753.60	(mm)	
Radiography:	RT3					Heat Treatment:	No				
Corrosion allowance:	0.063	(In)	1.600	(mm)		MDMT:	-20.00				
Lining Or Coated:	Yes					Painted:	Yes				
Insulated:	Yes					Internally Clad:	No				
Hand Hole:	No					Support Type:					
Manway:	Yes					Manway Size(In):	24.00				
Capacity/Volume(m3):						Nozzle Rating:					
MATERIALS/COMPONENTS											
Name	Joint Efficiency	Outside Diameter(in.)	Head Type	Material Type	Stress Value (PSI)	Nominal Thickness(In.)					
SHELL	1.00	96.000		Unknown	15000						
HEAD	1.00	96.000	Ellipsoidal	Unknown	15000						
PIPING STATIC DATA											
Primary Flange Rating:	150		ASME B16.5 - Table 2-1.1 @ 150F:	285 (psi)							
Pressure Use For TMin:	Vess Design Press		Piping Operating Press:	75 (psi)							
Stress Value:	20000	(psi)	E Value:	1.00	Joint:						
SERVICE CONDITIONS											
Sweet ✓	Sour	Oil ✓	Gas	Water							
Amine	LPG	Condensate	Air	Glycol							
COMMENTS											





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VISUAL INTERNAL INSPECTION

INSPECTION DATE:	Jul 6, 2022	INSPECTION INTERVAL:		NEXT INSPECTION DATE:	
ITEM	CONDITION	INSPECTION COMMENTS			
COATING	ACCEPT	GOOD CONDITION NO BLISTERING OR FLAKING FEW MINOR CHIP REPAIRS-DEVOE			
ANODES	ACCEPT	5 ANODES- 40% CONSUMED AND WILL BE REPLACED			
INTERNAL PIPING	ACCEPT	COATED AND IN GOOD CONDITION AND WELL SUPPORTED			
TRAYS	ACCEPT	3 TRAYS SECTIONS NO VISIBLE CORROSION SECURE			
BAFFLES, DEFLECTOR PLATES, ETC	ACCEPT	WELDS IN GOOD CONDITION			
BOTTOM HEAD	ACCEPT	EAST HEAD IN GOOD CONDITION NO CORROSION FOUND			
TOP HEAD	ACCEPT	WEST HEAD IN GOOD CONDITION NO CORROSION FOUND			
SHELL SECTIONS	ACCEPT	NO CORROSION OR MECHANICAL DAMAGE FOUND 4 SECTIONS			
DEMISTER PAD	ACCEPT	CLEAN AND SECURE LIMITED ACCESS			
WELDS	ACCEPT	GOOD CONDITION COATED			
REPAIRS REQUIRED	N/A				
NDE	ACCEPT	MPI ON FIRETUBE			
OTHER					
RECOMMENDATIONS:					
FIT FOR SERVICE					
I have performed the above inspections and certify that they have been done in accordance with our approved manual and that the information is accurate.					
Inspector:	Jamey Tanasichuk	ABSA PESL #:00041	Signature:		Date: Jul 6, 2022



CHIP



OVERALL



WEIR PLATE



ROOF

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ADDITIONAL PHOTO'S



ANODE



ANODE



SHELL/SUPPORT



FLOOR



FLOOR



SOUTH MANWAY



ROOF



DEMISTER PAD



SHELL MID



ANODE