

# Mountain West Services Ltd.

#3, 14 Thevenaz Industrial Trail, Sylvan Lake, AB T4S 2J5

## Field Inspection Report - CNRL 557230\_2/22/2012\_VT\_External

<b>Vessel Number</b>	557230	<b>Vessel Name</b>	LINE HEATER	<b>Province</b>	Alberta
<b>District</b>	WEST COUNTY	<b>LSD</b>	09-34-073-10W6	<b>Location</b>	VALHALLA
<b>Method</b>	VT	<b>Access</b>	External	<b>Cleaning</b>	Good
<b>Inspection Date</b>	2/22/2012	<b>Inspection Interval</b>	36	<b>Next Inspection</b>	2/22/2015
<b>CRN</b>	T1546.231	<b>Skid Number</b>	PKG53279	<b>Service</b>	SOUR
<b>Manway</b>	No	<b>Coating</b>	False	<b>Status</b>	In Service
<b>MAWP (PSI)</b>	1350	<b>MAWP (Kpa)</b>	9307.98		
<b>MAWT (F)</b>	93.33	<b>MAWT (C)</b>	200	<b>Outstanding NCRS</b>	0

### General

### Safety Valves

Under pipeline act.

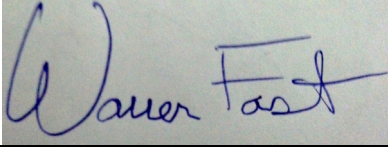
### External

All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. PSV is set at the correct PSI and has been serviced.

### Internal

### Recommendations

**INSPECTOR : I have witnessed/done the above inspections and certify that they have been done in accordance with our approved manual and that the information is accurate. I certify that the status of the Pressure equipment detailed here is:**

<b>Suitable to be returned to Service</b>	Yes	<b>Repairs complete (AB-40 attached)</b>	N/A
<b>Repairs are still required</b>	No	<b>Suggested Inspection interval</b>	36
<b>Warren Fast Inspector</b>			<b>2/26/2012 Date</b>



CERTIFIED BY

**MQ MAR-QUINN INDUSTRIES LTD.**

Ph. (780)986-7805 Leduc, Alberta, Canada

147-59 → 06

2006

Serial Number

Year Built

	1	2	3
COIL NUMBER			
C.R.N.	T1646.231	K1996.213	
C.A. (in.)	0.125	0.125	
MAWP (psi) at (°F)	3375 @ 200	1350 @ 200	
MAT'L SPEC	SA-353 GR6	SA-106-B	
MAT'L SIZE (in.)	3 NPS	3 NPS	
MAT'L THICK (in.)	0.374	0.337	
M.D.M.T. (°F) at (psi)	-50 @ 3375	-20 @ 1350	
RT (%)	100	100	
PWHT	1HR. 1150°F		

Code E31.3

(A) 557230