

PRESSURE VESSEL & COLUMN INSPECTION REPORT

LSD: 02-31-022-11W4 **Date:** 2014-04-26 **SAP Equipment ID** 66047500

VESSEL STATIC DATA					
Plant:	Wardlow		OP Unit:		
Prov. Insp . #:	2619721		CRN:	K0237.2	
Equipment Description:	SEPARATOR			Serial #:	2015.90
Manufacturer:	Sure Weld Industries			Vessel Class:	vessel
Internal Access:	Yes		Description:		
MAWP:	9798	kpa	At Temp	38	C
Code:	UW11A		RT:	RT1	
Diameter:	1067	mm	Length:	4267	mm
	SHELL	Mat'l:	Thickness:	0.00	mm
	HEAD	Mat'l:	Thickness:	0.00	mm
	Nozzle	Mat'l:	Thickness:		
Internal Coating:			Internal Clad:		
Manway:	Yes		Inspection Port:	Yes	
Nozzle Rating:	lb ANSI		Painted:	Yes	
			Capacity:	m3	
			Skirt	X	Legs Saddle
			Insulated:	No	

PROCESS DATA	
Production Description:	Sweet Sour:
Operating Pressure	kpa Operating Temp: C

PSV STATIC DATA										
Tag #	Serial No.	Location	Size(mm)		Set Press (kPa)	Capacity Imperial (SCFM)	Manufacturer	Model	Last Service	Service Company
			Inlet	Outlet						
24490B	89C3431	Piping	38.10	63.50	9798	14415	CONSOLIDATED	1912GC1-1 -1-1-1-1	2011/06/27	UNIFIED VALVE LTD

PSV DETAILS			
	Type(Thread/Flange)	ANSI Rating	Size(In/mm)
PRD Inlet	Flanged	600	38.10
PRD Outlet	Flanged	150	63.50

NDE Equipment Records					
Procedure #	Description	Manufacturer	Model#	Serial#	Due Date
**** See Associated NDE Report					

INSPECTION SUMMARY

VESSEL IS FIT FOR SERVICE.
UT/VE PERFORMED.

RECOMMENDATIONS

NONCONFORMANCES/INSPECTION DEFICIENCIES



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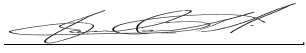
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INSPECTION PLANNING

Inspection Strategy	_____	Availability	_____	Inspection Interval	_____
Inspection Date	2014/04/26	Date of Last Inspect	_____	Date of Next Insp	2018/04/26

REPORT CERTIFICATION

The SignatureS below certify that inspections/tests have been completed in accordance with the identified inspection strategy and that the specified equipment is considered fit for service until the date of next inspection.

Inspected by	Jamey Tanasichuk		Cert #	000411	Date	2014/04/26
Reviewed and Approved by	_____	_____			Date	_____
Criticality Assessment Rerun	_____	Inspection Planning Rerun				
Assessed Next Inspection Date	_____					_____

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DETAILED INSPECTION VISUAL EXTERNAL

ID	Description	Condition	Location	NCR	Comments
V1	General Other (Please Explain)	N/A		No	
V2	General Corrosion	N/A		No	
V3	General Leaks	N/A		No	
V4	Vibration	N/A		No	
V5	Dissimilar Flange Rating	N/A		No	
V6	Ladder/Stairway	N/A		No	
V7	Heads	N/A		No	
V8	Guy Wires	N/A		No	
V9	Electrical Ground	N/A		No	
V10	Painted Inactive Corrosion	N/A		No	
V11	Coating/Painting	N/A		No	
V12	Expansion Joint or Bellows	N/A		No	
V13	Gauge/Site Glass	N/A		No	
V14	Shell	N/A		No	
V15	Jacket	N/A		No	
V21	Support Other (Please explain)	N/A		No	
V22	Foundation	N/A		No	
V23	Anchor Bolts	N/A		No	
V24	Saddle/Skirt	N/A		No	
V25	Davit	N/A		No	
V26	Fireproofing	N/A		No	
V31	Connections Other (Please explain)	N/A		No	
V32	Small Branches	N/A		No	
V33	Nozzles	N/A		No	
V34	Manways	N/A		No	
V35	Reinforcing Pads	N/A		No	
V36	Inadequate Thread Engagement	N/A		No	
V37	Bolting	N/A		No	
V38	Flanges	N/A		No	
V39	Leak Clamps	N/A		No	
V41	Insulation Other (Please explain)	N/A		No	
V42	Damage	N/A		No	
V43	Penetrations	N/A		No	
V44	Insulation Jacket	N/A		No	
V45	Banding	N/A		No	
V46	Seals/Joints	N/A		No	
V51	Relief Devices Other (Please explain)	Accept		No	PSV PROPERLY SET & WITHIN SERVICE INTERVAL.
V52	Corrosion	N/A		No	
V53	Leaks	N/A		No	
V54	Restricted Inlet/Outlet	N/A		No	

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V55	Manual Operation Lever	N/A		No	
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DETAILED INSPECTION OTHER TECHNIQUES

ID	Location	Observation/Measurement	Acceptance Criteria	NCR	Comments

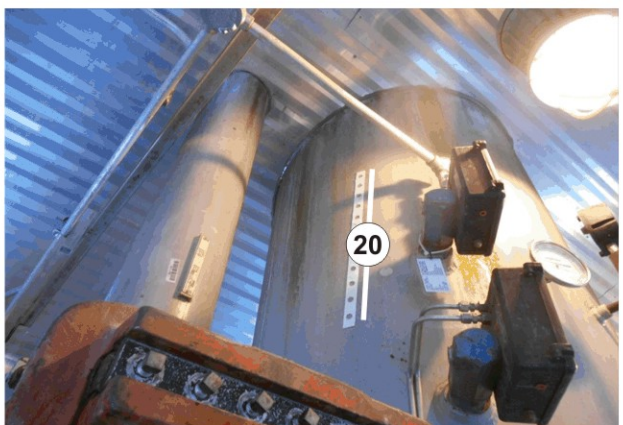
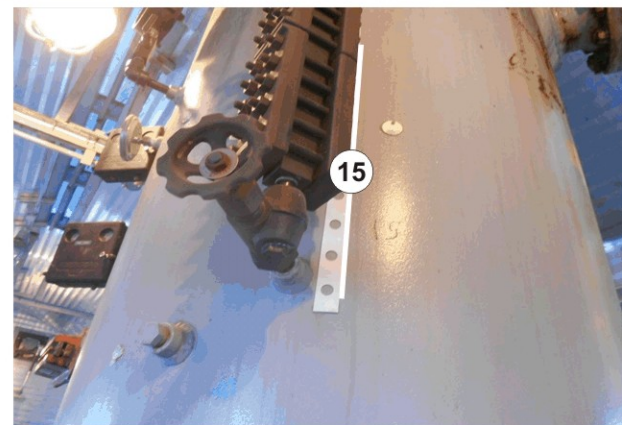
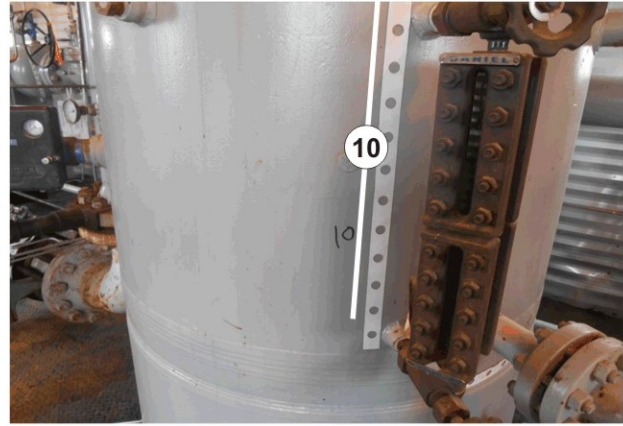
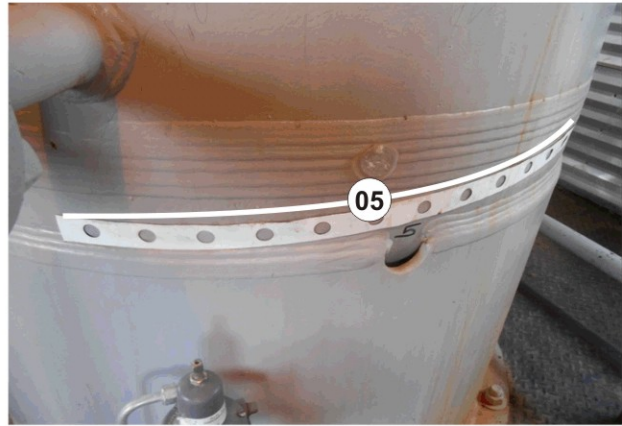
DETAILED INSPECTION UT THICKNESS

CML	Nom. Thickness (mm)	CURRENT READINGS (mm)	short term corr rate (mm/y)	long term corr rate (mm/y)	remaining life (year)	Survey Date	Comments
05 (HEAD)	0.00	45.34	0.0000	0.0000	198.0	2014/04/26	
10 (SHELL)	0.00	46.02	0.0000	0.0000	198.0	2014/04/26	
15 (SHELL)	0.00	46.05	0.0000	0.0000	198.0	2014/04/26	
20 (SHELL)	0.00	46.05	0.0000	0.0000	198.0	2014/04/26	
25 (90L 2 XS)	5.54	5.38	0.0062	0.0062	519.4	2014/04/26	
30 (90L 2 XS)	5.54	5.11	0.0177	0.0177	167.5	2014/04/26	
35 (90L 8 80)	12.70	12.27	0.0177	0.0177	253.6	2014/04/26	
40 (90L 8 80)	12.70	12.47	0.0094	0.0094	500.8	2014/04/26	

Inspected By	Signature	CGSB Level	CGSB No.	Survey Date	UT Equip	Due Date OF Calibration	NDE Procedure No.
Jamey Tanasichuk		1	11444	04/26/2014	109_81583903_EPOCH 4	06/17/2014	WQS UT-001

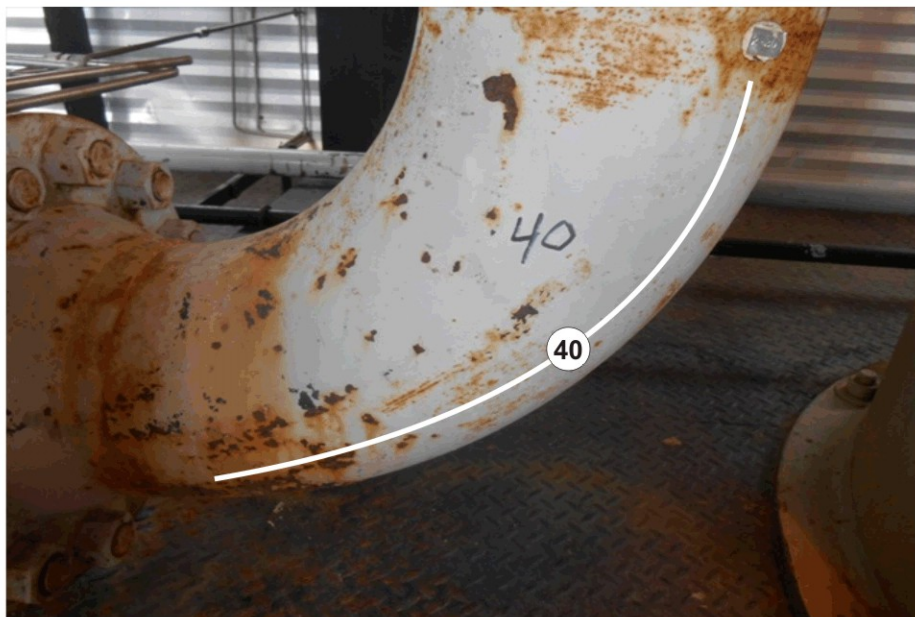
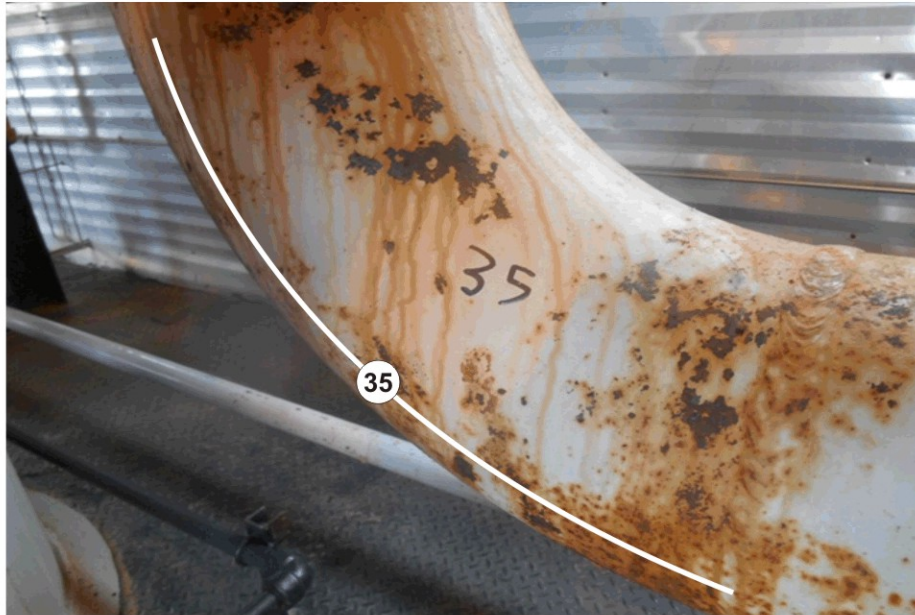
EXAMINATION ILLUSTRATION

DISTRICT:	SOUTHERN ALBERTA	FACILITY:	WARDLOW	LOCATION/LSD:	02-31-022-11W4
EQUIP NAME:	SEPARATOR			PROV REG No.:	A#2619721
SERIAL No.:	2015-90	Equip No.:	66047500	National Board No.:	



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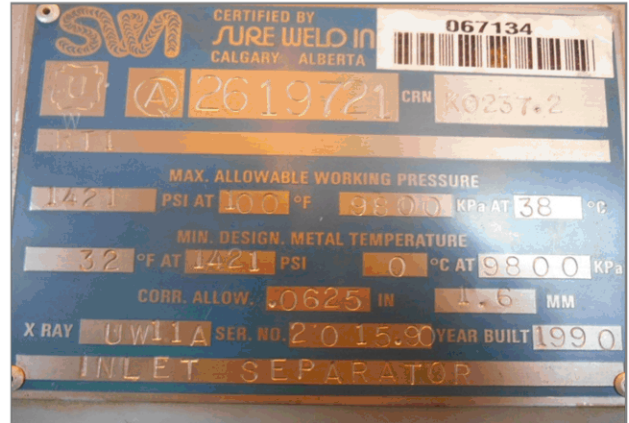
NOTES:

PHOTOGRAPHS

EQUIP NAME:	SEPARATOR	PROV REG No.:	A#2619721
SERIAL No.:	2015.90	Equip No.:	66047500
		National Board No.:	



LSD



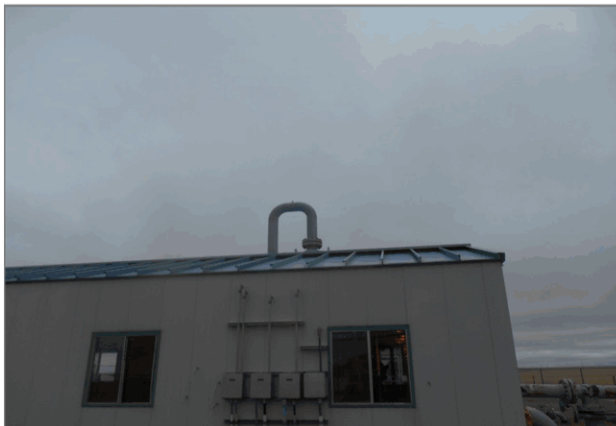
NAMEPLATE



OVERALL



OVERALL



OVERALL

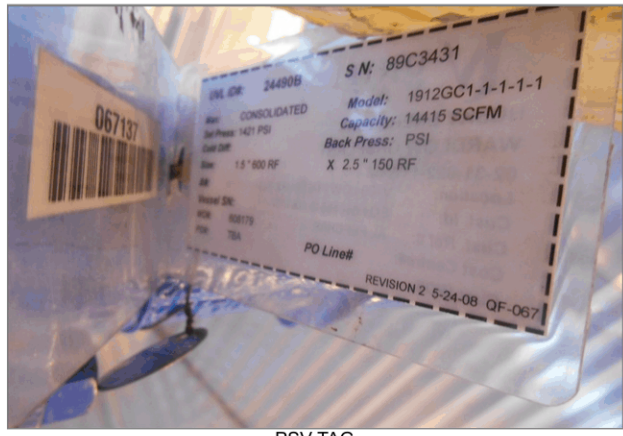


PSV

NOTES:

PHOTOGRAPHS

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SERIAL No.:	2015.90	Equip No.:	66047500
		National Board No.:	



PSV TAG

