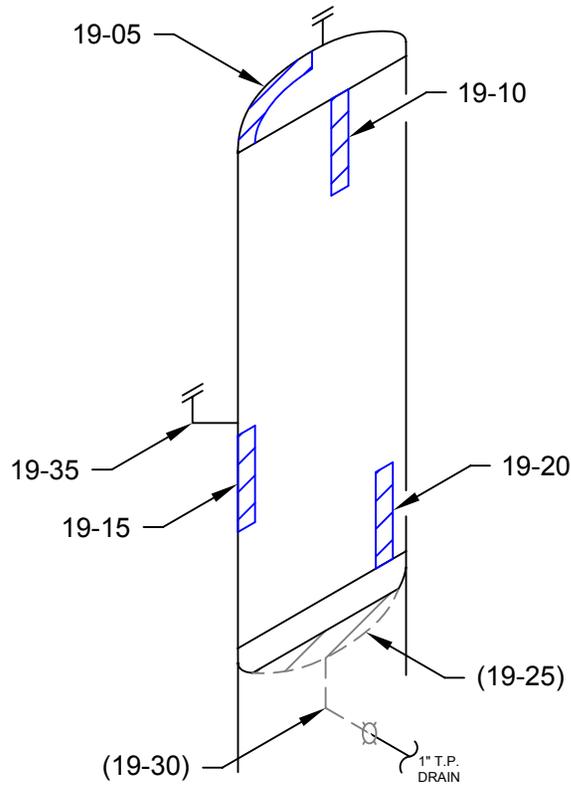


ITEM:

**PROPANE SUCTION SCRUBBER**

**A3162282**



ASSET INTEGRITY  
SYLVAN LAKE, AB (403) 887-3562  
PIPELINE INTEGRITY  
WHITECOURT, AB (780) 778-5584  
NON-DESTRUCTIVE TESTING  
GRANDE PRAIRIE, AB (780) 518-9757

TECHNICIAN:

DANIEL MACLEAN  
SNT LEVEL II  
CGSB 48.9712  
LEVEL II # 15997

DATE: 7/21/14

DWG: 19

CLIENT: LONG RUN EXPLORATION

LSD: 03-26-074-01-W6M

INSPECTOR : MWS

LOCATION : PUSKWASKAU

DISTRICT UNIT : NORTHERN AB

BLDG/SKID : PKG62778

PROCESS : SWEET

CODE : ASME SEC VIII DIV 1

SPECIFICATION : AS PER ASME SE 797

TECHNIQUE : UT 1-1, REV .1

METHOD : UT CONTINUOUS / A SCAN

SURFACE COND : PAINTED

SURFACE TEMP : AMBIENT

**VESSEL INFORMATION**

VESSEL # : A3162282

CRN # : N1353.2

SERIAL # : 95261-BA

MANUFACTURER : PROPAK SYSTEMS

DATE BUILT : 1996

CLIENT ID / TAG : V-1010

M.A.W.P : 250 PSI

M.A.W.T. : 151° F

JOINT EFFICIENCY/RT : RT 3

STRESS RELIEVED : NO

INSULATED : YES

MANWAY : NO

**VESSEL SPECIFICATIONS**

	OD	NOMINAL	MATERIAL	CA
VESSEL HEAD	32"	.312"	SA-516-70	.063"
VESSEL SHELL	32"	.375"	SA-516-70	.063"
BOOT HEAD	-	-	-	-
BOOT SHELL	-	-	-	-

COMMENTS:

PROJECT:  
**C61129**





# ULTRASONIC CORROSION SURVEY

## Survey Name: LONG RUN EXPLORATION

LSD: 03-26-074-01W6	Vessel Number: 3162282	Manufacturer: PROPAK SYSTEMS	Survey Date: 7/21/2014
District Unit: NORTHERN - AB	Vessel Name: PROPANE SUCTION SCRUBBER	Serial Number: 95261-BA	Inspector: MWS
Location: PUSKWASKAU	Year Built: 1996	Shell MAWP PSI: 250 MAWT F: 151	Process: SWEET
Skid: PKG62778	Tag Number: V-1010	Tube MAWP PSI: MAWT F:	Project #: C61129
	CRN: N1353.2	Vessel CA: 0.0630	Report Number: 29857

Band	Description			Readings						Year	Avg Inches	Min Inches	Nominal	CA	TMIN	Recommended Next Inspection	Recommended Retirement Date	
				1	2	3	4	5	6									
05	Top	Head	Baseline	0.395	0.400	0.398	0.398	0.398	0.398	2014	0.398	0.395	0.3120	0.0630	0.2244	2015	2034	
Shape	Ellipsoidal	shell Side	Previous	Comments--> OK														
OD	32		Current	0.395	0.400	0.398	0.398	0.398	0.398	2014	0.398	0.395						
Spec.	VIII Div 1			ST Loss MPY														
Material	SA 516 - 70			LT Loss MPY						0								
10	Upper	Shell	Baseline	0.396	0.395	0.395	0.395	0.395	0.394	2014	0.395	0.394	0.3750	0.0630	0.2251	2015	2034	
Shape	Cylindrical	shell Side	Previous	Comments--> OK														
OD	32		Current	0.396	0.395	0.395	0.395	0.395	0.394	2014	0.395	0.394						
Spec.	VIII Div 1			ST Loss MPY														
Material	SA 516 - 70			LT Loss MPY						0								
15	Lower	Shell	Baseline	0.399	0.398	0.399	0.398	0.398	0.399	2014	0.399	0.398	0.3750	0.0630	0.2251	2015	2034	
Shape	Cylindrical	shell Side	Previous	Comments--> OK														
OD	32		Current	0.399	0.398	0.399	0.398	0.398	0.399	2014	0.399	0.398						
Spec.	VIII Div 1			ST Loss MPY														
Material	SA 516 - 70			LT Loss MPY						0								
20	Lower	Shell	Baseline	0.387	0.387	0.387	0.391	0.391	0.390	2014	0.389	0.387	0.3750	0.0630	0.2251	2015	2034	
Shape	Cylindrical	shell Side	Previous	Comments--> OK														
OD	32		Current	0.387	0.387	0.387	0.391	0.391	0.390	2014	0.389	0.387						
Spec.	VIII Div 1			ST Loss MPY														
Material	SA 516 - 70			LT Loss MPY						0								



# ULTRASONIC CORROSION SURVEY

## Survey Name: LONG RUN EXPLORATION

LSD: 03-26-074-01W6	Vessel Number: 3162282	Manufacturer: PROPAK SYSTEMS	Survey Date: 7/21/2014
District Unit: NORTHERN - AB	Vessel Name: PROPANE SUCTION SCRUBBER	Serial Number: 95261-BA	Inspector: MWS
Location: PUSKWASKAU	Year Built: 1996	Shell MAWP PSI: 250 MAWT F: 151	Process: SWEET
Skid: PKG62778	Tag Number: V-1010	Tube MAWP PSI: MAWT F:	Project #: C61129
	CRN: N1353.2	Vessel CA: 0.0630	Report Number: 29857

Band	Description			Readings						Year	Avg Inches	Min Inches	Nominal	CA	TMIN	Recommended Next Inspection	Recommended Retirement Date	
				1	2	3	4	5	6									
25	Bottom	Head	Baseline	0.396	0.362	0.395	0.334	0.337	0.349	2014	0.362	0.334	0.3120	0.0630	0.2244	2015	2034	
Shape	Ellipsoidal	shell Side	Previous	Comments--> OK														
OD	32		Current	0.396	0.362	0.395	0.334	0.337	0.349	2014	0.362	0.334						
Spec.	VIII Div 1			ST Loss MPY														
Material	SA 516 - 70			LT Loss MPY						0								
30	Drain	Nozzle	Baseline	0.257	0.257	0.252	0.252	0.252	0.232	2014	0.250	0.232	0.2500	0.0630	0.0069	2015	2034	
Shape	90° Elbow	shell Side	Previous	Comments--> OK														
OD	1.315		Current	0.257	0.257	0.252	0.252	0.252	0.232	2014	0.250	0.232						
Spec.	VIII Div 1			ST Loss MPY														
Material	SA 234 - WPB			LT Loss MPY						0								
35		Nozzle	Baseline	0.889	0.889	0.888	0.860	0.862	0.857	2014	0.874	0.857	0.8640	0.0630	0.0413	2015	2034	
Shape	90° Elbow	shell Side	Previous	Comments--> OK														
OD	6.625		Current	0.889	0.889	0.888	0.860	0.862	0.857	2014	0.874	0.857						
Spec.	VIII Div 1			ST Loss MPY														
Material	SA 234 - WPB			LT Loss MPY						0								
40		Piping	Baseline	0.278	0.277	0.275	0.275	0.275	0.273	2014	0.276	0.273	0.2800	0.0350	0.0411	2015	2034	
Shape	90° Elbow	shell Side	Previous	Comments--> OK														
OD	6.625		Current	0.278	0.277	0.275	0.275	0.275	0.273	2014	0.276	0.273						
Spec.	B31.3			ST Loss MPY														
Material	A 234 - WPB			LT Loss MPY						0								



# ULTRASONIC CORROSION SURVEY

## Survey Name: LONG RUN EXPLORATION

LSD: 03-26-074-01W6	Vessel Number: 3162282	Manufacturer: PROPAK SYSTEMS	Survey Date: 7/21/2014
District Unit: NORTHERN - AB	Vessel Name: PROPANE SUCTION SCRUBBER	Serial Number: 95261-BA	Inspector: MWS
Location: PUSKWASKAU	Year Built: 1996	Shell MAWP PSI: 250    MAWT F: 151	Process: SWEET
Skid: PKG62778	Tag Number: V-1010	Tube MAWP PSI:        MAWT F:	Project #: C61129
	CRN: N1353.2	Vessel CA: 0.0630	Report Number: 29857

Band	Description			Readings						Year	Avg Inches	Min Inches	Nominal	CA	TMIN	Recommended Next Inspection	Recommended Retirement Date
				1	2	3	4	5	6								
45	Piping	Baseline	0.280	0.277	0.279	0.279	0.280	0.274	2014	0.278	0.274	0.2800	0.0350	0.0411	2015	2034	
Shape	90° Elbow	shell Side	Previous	Comments--> OK													
OD	6.625	Current	0.280	0.277	0.279	0.279	0.280	0.274	2014	0.278	0.274	0.2800	0.0350	0.0411			
Spec.	B31.3		ST Loss MPY														
Material	A 234 - WPB		LT Loss MPY							0							
50	Piping	Baseline	0.282	0.282	0.286	0.282	0.284	0.287	2014	0.284	0.282	0.2800	0.0350	0.0411	2015	2034	
Shape	90° Elbow	shell Side	Previous	Comments--> OK													
OD	6.625	Current	0.282	0.282	0.286	0.282	0.284	0.287	2014	0.284	0.282	0.2800	0.0350	0.0411			
Spec.	B31.3		ST Loss MPY														
Material	A 234 - WPB		LT Loss MPY							0							