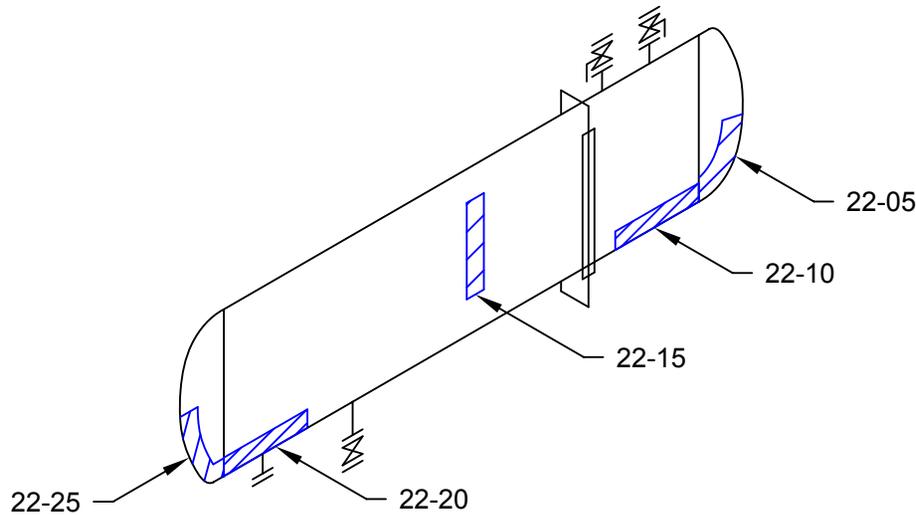


ITEM:

PROPANE ACCUMULATOR

A3162213



COMMENTS:

PROJECT:
C61017



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: 8/07/13

DWG: 22

CLIENT: **LONG RUN EXPLORATION**

LSD: **03-26-074-01-W6M**

INSPECTOR : DUANE PAETKAU

LOCATION : PUSKWASKAU

DISTRICT UNIT : NORTHERN AB

BLDG/SKID : PKG62778

PROCESS : SOUR

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 # : **A3162213**

CRN # : N1355.2

SERIAL # : 95261-BC

MANUFACTURER : PROPAK SYSTEMS

DATE BUILT : 1996

CLIENT ID / TAG : V-1050

M.A.W.P : 250 PSI

M.A.W.T. : 200° F

JOINT EFFICIENCY/RT : RT 3

STRESS RELIEVED : NO

INSULATED : NO

MANWAY : NO

VESSEL SPECIFICATIONS

	OD	NOMINAL	MATERIAL	CA
VESSEL HEAD	36.75"	.437"	SA-516-70	.063"
VESSEL SHELL	36.75"	.375"	SA-516-70	.063"
BOOT HEAD	-	-	-	-
BOOT SHELL	-	-	-	-



ULTRASONIC CORROSION SURVEY

Survey Name: LONG RUN EXPLORATION

LSD: 03-26-074-01W6	Vessel Number: 3162213	Manufacturer: PROPAK SYSTEMS	Survey Date: 8/7/2013
District Unit: NORTHERN - AB	Vessel Name: PROPANE ACCUMULATOR	Serial Number: 95261-BC	Inspector: DUANE PAETKAU
Location: PUSKWASKAU	Year Built: 1996	Shell MAWP PSI: 250 MAWT F: 200	Process: SOUR
Skid: PKG62778	Tag Number: V-1050	Tube MAWP PSI: MAWT F:	Project #: C61017
	CRN: N1355.2	Vessel CA: 0.0630	Report Number: 26682

Band	Description			Readings						Year	Avg Inches	Min Inches	Nominal	CA	TMIN	Recommended Next Inspection	Recommended Retirement Date
				1	2	3	4	5	6								
05	Head	Baseline	0.518	0.518	0.523	0.524	0.531	0.530	2013	0.524	0.518	0.4370	0.0630	0.2566	2014	2033	
Shape	Ellipsoidal	shell Side	Previous	Comments--> OK													
OD	36.75	Current	0.518	0.518	0.523	0.524	0.531	0.530	2013	0.524	0.518						
Spec.	VIII Div 1			ST Loss MPY													
Material	SA 516 - 70			LT Loss MPY						0							
10	Shell	Baseline	0.390	0.387	0.387	0.385	0.387	0.405	2013	0.390	0.385	0.3750	0.0630	0.2594	2014	2033	
Shape	Cylindrical	shell Side	Previous	Comments--> OK													
OD	36.75	Current	0.390	0.387	0.387	0.385	0.387	0.405	2013	0.390	0.385						
Spec.	VIII Div 1			ST Loss MPY													
Material	SA 516 - 70			LT Loss MPY						0							
15	Shell	Baseline	0.393	0.395	0.401	0.401	0.417	0.395	2013	0.400	0.393	0.3750	0.0630	0.2594	2014	2033	
Shape	Cylindrical	shell Side	Previous	Comments--> OK													
OD	36.75	Current	0.393	0.395	0.401	0.401	0.417	0.395	2013	0.400	0.393						
Spec.	VIII Div 1			ST Loss MPY													
Material	SA 516 - 70			LT Loss MPY						0							
20	Shell	Baseline	0.398	0.387	0.390	0.395	0.412	0.383	2013	0.394	0.383	0.3750	0.0630	0.2594	2014	2033	
Shape	Cylindrical	shell Side	Previous	Comments--> OK													
OD	36.75	Current	0.398	0.387	0.390	0.395	0.412	0.383	2013	0.394	0.383						
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: 3162213	Manufacturer: PROPAK SYSTEMS	Survey Date: 8/7/2013
District Unit: NORTHERN - AB	Vessel Name: PROPANE ACCUMULATOR	Serial Number: 95261-BC	Inspector: DUANE PAETKAU
Location: PUSKWASKAU	Year Built: 1996	Shell MAWP PSI: 250 MAWT F: 200	Process: SOUR
Skid: PKG62778	Tag Number: V-1050	Tube MAWP PSI: MAWT F:	Project #: C61017
	CRN: N1355.2	Vessel CA: 0.0630	Report Number: 26682

Band	Description			Readings						Year	Avg Inches	Min Inches	Nominal	CA	TMIN	Recommended Next Inspection	Recommended Retirement Date
				1	2	3	4	5	6								
25	Head	Baseline	0.504	0.505	0.507	0.507	0.515	0.517	2013	0.509	0.504	0.4370	0.0630	0.2566	2014	2033	
Shape	Ellipsoidal	shell Side	Previous	Comments--> OK													
OD	36.75	Current	0.504	0.505	0.507	0.507	0.515	0.517	2013	0.509	0.504						
Spec.	VIII Div 1		ST Loss MPY														
Material	SA 516 - 70		LT Loss MPY						0								
30	Piping	Baseline	0.218	0.220	0.221	0.222	0.223	0.225	2013	0.222	0.218	0.2160	0.0270	0.0217	2014	2033	
Shape	90° Elbow	shell Side	Previous	Comments--> OK													
OD	3.5	Current	0.218	0.220	0.221	0.222	0.223	0.225	2013	0.222	0.218						
Spec.	B31.3		ST Loss MPY														
Material	A 234 - WPB		LT Loss MPY						0								
35	Piping	Baseline	0.198	0.195	0.199	0.213	0.204	0.204	2013	0.202	0.195	0.2180	0.0272	0.0148	2014	2033	
Shape	Cylindrical	shell Side	Previous	Comments--> OK													
OD	2.375	Current	0.198	0.195	0.199	0.213	0.204	0.204	2013	0.202	0.195						
Spec.	B31.3		ST Loss MPY														
Material	A 106 - B		LT Loss MPY						0								
40	Piping	Baseline	0.195	0.192	0.195	0.191	0.201	0.201	2013	0.196	0.191	0.2180	0.0272	0.0148	2014	2033	
Shape	Cylindrical	shell Side	Previous	Comments--> OK													
OD	2.375	Current	0.195	0.192	0.195	0.191	0.201	0.201	2013	0.196	0.191						
Spec.	B31.3		ST Loss MPY														
Material	A 106 - B		LT Loss MPY						0								



ULTRASONIC CORROSION SURVEY

Survey Name: LONG RUN EXPLORATION

LSD: 03-26-074-01W6	Vessel Number: 3162213	Manufacturer: PROPAK SYSTEMS	Survey Date: 8/7/2013
District Unit: NORTHERN - AB	Vessel Name: PROPANE ACCUMULATOR	Serial Number: 95261-BC	Inspector: DUANE PAETKAU
Location: PUSKWASKAU	Year Built: 1996	Shell MAWP PSI: 250 MAWT F: 200	Process: SOUR
Skid: PKG62778	Tag Number: V-1050	Tube MAWP PSI: MAWT F:	Project #: C61017
	CRN: N1355.2	Vessel CA: 0.0630	Report Number: 26682

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		0.168	0.188	0.202	0.190	0.186	0.186	2013	0.187	0.168	0.2180	0.0272	0.0148	2014	2033
Shape	Cylindrical	shell Side	Previous	Comments--> Caution													
OD	2.375	Current		0.168	0.188	0.202	0.190	0.186	0.186	2013	0.187	0.168					
Spec.	B31.3			ST Loss MPY													
Material	A 106 - B			LT Loss MPY						0							
50	Piping	Baseline		0.195	0.191	0.191	0.200	0.204	0.196	2013	0.196	0.191	0.2180	0.0272	0.0148	2014	2033
Shape	Cylindrical	shell Side	Previous	Comments--> OK													
OD	2.375	Current		0.195	0.191	0.191	0.200	0.204	0.196	2013	0.196	0.191					
Spec.	B31.3			ST Loss MPY													
Material	A 106 - B			LT Loss MPY						0							
55	Piping	Baseline		0.158	0.154	0.156	0.153	0.154	0.154	2013	0.155	0.153	0.1540	0.0192	0.0148	2014	2033
Shape	90° Elbow	shell Side	Previous	Comments--> OK													
OD	2.375	Current		0.158	0.154	0.156	0.153	0.154	0.154	2013	0.155	0.153					
Spec.	B31.3			ST Loss MPY													
Material	A 234 - WPB			LT Loss MPY						0							
60	Piping	Baseline		0.140	0.136	0.136	0.135	0.135	0.148	2013	0.138	0.135	0.1540	0.0192	0.0148	2014	2033
Shape	90° Elbow	shell Side	Previous	Comments--> OK													
OD	2.375	Current		0.140	0.136	0.136	0.135	0.135	0.148	2013	0.138	0.135					
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: 3162213	Manufacturer: PROPAK SYSTEMS	Survey Date: 8/7/2013
District Unit: NORTHERN - AB	Vessel Name: PROPANE ACCUMULATOR	Serial Number: 95261-BC	Inspector: DUANE PAETKAU
Location: PUSKWASKAU	Year Built: 1996	Shell MAWP PSI: 250 MAWT F: 200	Process: SOUR
Skid: PKG62778	Tag Number: V-1050	Tube MAWP PSI: MAWT F:	Project #: C61017
	CRN: N1355.2	Vessel CA: 0.0630	Report Number: 26682

Band	Description	Readings						Year	Avg Inches	Min Inches	Nominal	CA	TMIN	Recommended Next Inspection	Recommended Retirement Date	
		1	2	3	4	5	6									
65	Piping	Baseline	0.162	0.160	0.162	0.152	0.149	0.142	2013	0.155	0.142	0.1540	0.0192	0.0148	2014	2033
Shape	90° Elbow	shell Side	Previous	Comments--> OK												
OD	2.375	Current	0.162	0.160	0.162	0.152	0.149	0.142	2013	0.155	0.142					
Spec.	B31.3			ST Loss MPY												
Material	A 234 - WPB			LT Loss MPY						0						