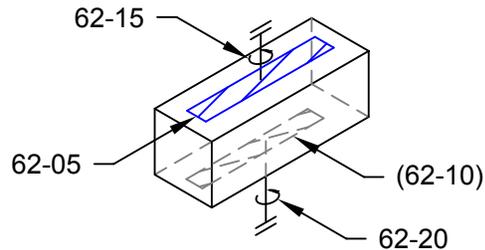


ITEM:

COOLER

A3162275



COMMENTS:

PROJECT:
C61129



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: 7/20/14

DWG: 62

CLIENT: LONG RUN EXPLORATION

LSD: 03-26-074-01-W6M

INSPECTOR : MWS

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 # : A3162275

CRN # : N1357.2

SERIAL # : 95261-000

MANUFACTURER : PROPAK SYSTEMS

DATE BUILT : 1996

CLIENT ID / TAG : E-951

M.A.W.P. : 550 PSI

M.A.W.T. : 400° F

JOINT EFFICIENCY/RT : NO

STRESS RELIEVED : YES

INSULATED : NO

MANWAY : NO

VESSEL SPECIFICATIONS

	OD	NOMINAL	MATERIAL	CA
VESSEL HEAD	-	-	-	-
VESSEL SHELL	8.50"	.625"	SA-516-70	.063"
BOOT HEAD	-	-	-	-
BOOT SHELL	-	-	-	-



ULTRASONIC CORROSION SURVEY

Survey Name: LONG RUN EXPLORATION

LSD: 03-26-074-01W6	Vessel Number: 3162275	Manufacturer: PROPAK SYSTEMS	Survey Date: 7/20/2014
District Unit: NORTHERN - AB	Vessel Name: COOLER	Serial Number: 95261-000	Inspector: MWS
Location: PUSKWASKAU	Year Built: 1996	Shell MAWP PSI: 550 MAWT F: 400	Process: SOUR
Skid: PKG62778	Tag Number: E-951	Tube MAWP PSI: MAWT F:	Project #: C61129
	CRN: N1357.2	Vessel CA: 0.0630	Report Number: 29875

Band	Description			Readings						Year	Avg Inches	Min Inches	Nominal	CA	TMIN	Recommended Next Inspection	Recommended Retirement Date
				1	2	3	4	5	6								
05	Shell	Baseline	0.648	0.648	0.648	0.645	0.635	0.634	2014	0.643	0.634	0.6250	0.0630	0.1161	2015	2034	
Shape	Flat	shell Side	Previous													Comments-->	OK
OD	8.5	Current	0.648	0.648	0.648	0.645	0.635	0.634	2014	0.643	0.634						
Spec.	VIII Div 1							ST Loss MPY									
Material	SA 516 - 70							LT Loss MPY	0								
10	Shell	Baseline	0.659	0.654	0.654	0.662	0.660	0.654	2014	0.657	0.654	0.6250	0.0630	0.1161	2015	2034	
Shape	Flat	shell Side	Previous													Comments-->	OK
OD	8.5	Current	0.659	0.654	0.654	0.662	0.660	0.654	2014	0.657	0.654						
Spec.	VIII Div 1							ST Loss MPY									
Material	SA 516 - 70							LT Loss MPY	0								
15	Nozzle	Baseline	0.335	0.335	0.347	0.347	0.341	0.341	2014	0.341	0.335	0.3430	0.0630	0.0317	2015	2034	
Shape	Cylindrical	shell Side	Previous													Comments-->	OK
OD	2.375	Current	0.335	0.335	0.347	0.347	0.341	0.341	2014	0.341	0.335						
Spec.	VIII Div 1							ST Loss MPY									
Material	SA 106 - B							LT Loss MPY	0								
20	Nozzle	Baseline	0.359	0.346	0.349	0.349	0.347	0.344	2014	0.349	0.344	0.3430	0.0630	0.0317	2015	2034	
Shape	Cylindrical	shell Side	Previous													Comments-->	OK
OD	2.375	Current	0.359	0.346	0.349	0.349	0.347	0.344	2014	0.349	0.344						
Spec.	VIII Div 1							ST Loss MPY									
Material	SA 106 - B							LT Loss MPY	0								



ULTRASONIC CORROSION SURVEY

Survey Name: LONG RUN EXPLORATION

LSD: 03-26-074-01W6	Vessel Number: 3162275	Manufacturer: PROPAK SYSTEMS	Survey Date: 7/20/2014
District Unit: NORTHERN - AB	Vessel Name: COOLER	Serial Number: 95261-000	Inspector: MWS
Location: PUSKWASKAU	Year Built: 1996	Shell MAWP PSI: 550 MAWT F: 400	Process: SOUR
Skid: PKG62778	Tag Number: E-951	Tube MAWP PSI: MAWT F:	Project #: C61129
	CRN: N1357.2	Vessel CA: 0.0630	Report Number: 29875

Band	Description			Readings						Year	Avg Inches	Min Inches	Nominal	CA	TMIN	Recommended Next Inspection	Recommended Retirement Date
				1	2	3	4	5	6								
25	Piping	Baseline		0.149	0.153	0.148	0.149	0.146	0.145	2014	0.148	0.145	0.1540	0.0192	0.0322	2015	2034
Shape	90° Elbow	shell Side	Previous	Comments--> OK													
OD	2.375		Current	0.149	0.153	0.148	0.149	0.146	0.145	2014	0.148	0.145					
Spec.	B31.3			ST Loss MPY													
Material	A 234 - WPB			LT Loss MPY							0						
30	Piping	Baseline		0.149	0.146	0.146	0.156	0.156	0.161	2014	0.152	0.146	0.1540	0.0192	0.0322	2015	2034
Shape	90° Elbow	shell Side	Previous	Comments--> OK													
OD	2.375		Current	0.149	0.146	0.146	0.156	0.156	0.161	2014	0.152	0.146					
Spec.	B31.3			ST Loss MPY													
Material	A 234 - WPB			LT Loss MPY							0						
35	Piping	Baseline		0.158	0.158	0.160	0.160	0.160	0.161	2014	0.160	0.158	0.1540	0.0192	0.0322	2015	2034
Shape	90° Elbow	shell Side	Previous	Comments--> OK													
OD	2.375		Current	0.158	0.158	0.160	0.160	0.160	0.161	2014	0.160	0.158					
Spec.	B31.3			ST Loss MPY													
Material	A 234 - WPB			LT Loss MPY							0						
40	Piping	Baseline		0.147	0.146	0.145	0.151	0.144	0.144	2014	0.146	0.144	0.1540	0.0192	0.0322	2015	2034
Shape	90° Elbow	shell Side	Previous	Comments--> OK													
OD	2.375		Current	0.147	0.146	0.145	0.151	0.144	0.144	2014	0.146	0.144					
Spec.	B31.3			ST Loss MPY													
Material	A 234 - WPB			LT Loss MPY							0						