

VISUAL INSPECTION REPORT – PRESSURE VESSEL

<input type="checkbox"/> Installation <input checked="" type="checkbox"/> External		Report #:								
Date:	9-26-16	Description:	<input checked="" type="checkbox"/> Vessel <input type="checkbox"/> Exchanger <input type="checkbox"/> Furnace <input type="checkbox"/> Boiler							
Inspector:	JERRAD MOROSOFF	Unit #:	Equip #:							
Agent Co:	STREAMLINE INSPECTION	Equip. Name:	PROPANE BULLET							
Owner:	PENNWEST	Jurisdiction #:	218152	CRN #:	E8283.2					
Region:	PEACE RIVER	Manufacturer:	WESTERN ROCK BIT CO. LTD	Certified By:						
Area:	TANGENT	Year Built:	1984	S/N:	26971A					
Facility:	GAS/OIL PLANT	Location/LSD:	13-29-80-23W5	Capacity:						
Service (Shell Side)	<input checked="" type="checkbox"/> Sweet <input type="checkbox"/> Sour <input type="checkbox"/> Other	RT: 2	HT:	MAWP	1724KPA	Design T		MDMT	-49	
Service (Tube Side)	<input type="checkbox"/> Sweet <input type="checkbox"/> Sour <input type="checkbox"/> Other	RT:	HT:	MAWP		Design T		MDMT		

PSV Data	Set P	Capacity	CRN	Tag #	S/N	Manufacturer	T / F	In. Sz	Out. Sz	IV	CSO	PSV Location
Shell Side	246PSI	6513SCFM		31388	84C2455	CONSOLIDATED	<input type="checkbox"/> T <input checked="" type="checkbox"/> F	2	3			Piping
Tube Side							<input type="checkbox"/> T <input type="checkbox"/> F					
Other							<input type="checkbox"/> T <input type="checkbox"/> F					
Serv. Co.	UNIFIED VALVE GROUP			Last Serv. Date	10-03-2016		Comments					

2nd PSV :- Tag PW31387 ; SN 84C1628 ; Set @ 250psi 6770scfm ; Consolidated Model 1905JC2; Last Serviced : October 2016. PP

Components		Material	Nominal	CA	Comments
	Shell	SA516 70	19.18MM	1.6MM	
	Head	SA516 70	19.05MM	1.6MM	
	Channel				
	Tube				
	Other				Specify:

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Foundation	<input checked="" type="checkbox"/> Concrete <input type="checkbox"/> Gravel <input type="checkbox"/> Timbers <input type="checkbox"/> Steel <input type="checkbox"/> Other:	Condition Acceptable
Support	<input checked="" type="checkbox"/> Saddle <input checked="" type="checkbox"/> Seal-welded <input type="checkbox"/> Free to Move	Condition Acceptable
	<input type="checkbox"/> Skirt <input type="checkbox"/> Free of debris Comment:	Condition
	<input type="checkbox"/> Hangers <input type="checkbox"/> Secure Comment:	Condition
	<input type="checkbox"/> Other Specify:	Condition
Orientation	<input checked="" type="checkbox"/> Hor. <input type="checkbox"/> Ver. Dimensions: Diameter: Height: Length:	Electrical grounding <input type="checkbox"/> Direct <input checked="" type="checkbox"/> Indirect <input type="checkbox"/> None
Ext. Surface	<input checked="" type="checkbox"/> Painted <input type="checkbox"/> Insulated <input type="checkbox"/> Fire-proofed <input type="checkbox"/> Cladded <input type="checkbox"/> Other:	Condition Acceptable
Ext. Fixtures	<input type="checkbox"/> Ladder <input type="checkbox"/> Platform(s) <input type="checkbox"/> Other:	Condition
Inspection Opening	<input checked="" type="checkbox"/> Manway <input type="checkbox"/> Port <input type="checkbox"/> Other Size: 22"	<input type="checkbox"/> Reinforcement Pads used <input type="checkbox"/> Weep Holes Present
	Comment	
Davit Arm	<input checked="" type="checkbox"/> Present <input type="checkbox"/> Greased <input type="checkbox"/> Double Nuted	Condition
Bolting	<input type="checkbox"/> Short Bolting Noted <input checked="" type="checkbox"/> Joined Per Code	Comments:

Piping	<input checked="" type="checkbox"/> PSV	<input checked="" type="checkbox"/> Supported	<input checked="" type="checkbox"/> Drains Properly	<input checked="" type="checkbox"/> Well Coated	Comment Acceptable
	<input checked="" type="checkbox"/> Inlet	<input checked="" type="checkbox"/> Supported	<input type="checkbox"/> Free from leaks	<input checked="" type="checkbox"/> Well Coated	Comment Acceptable
	<input checked="" type="checkbox"/> Outlet	<input checked="" type="checkbox"/> Supported	<input type="checkbox"/> Free from leaks	<input checked="" type="checkbox"/> Well Coated	Comment Acceptable
	<input checked="" type="checkbox"/> Drain	<input checked="" type="checkbox"/> Supported	<input type="checkbox"/> Free from leaks	<input checked="" type="checkbox"/> Well Coated	Comment Acceptable
	<input checked="" type="checkbox"/> Instrumentation	<input checked="" type="checkbox"/> Supported	<input checked="" type="checkbox"/> Free from leaks/kinks	Comment Acceptable	
	<input type="checkbox"/> Process Fluid Identified	<input type="checkbox"/> Flow Direction Marked		Comment	
Valves	<input checked="" type="checkbox"/> Manual Valves		<input checked="" type="checkbox"/> Free from leaks	Comment Acceptable	
	<input checked="" type="checkbox"/> Automated Control Valve		<input checked="" type="checkbox"/> Free from leaks	Comment Acceptable	
	<input type="checkbox"/> Vents and Drain plugged		Comment		
Protective Devices	<input type="checkbox"/> Service Tags Present <input type="checkbox"/> Calibration Current		Comments:		
Gauges	<input checked="" type="checkbox"/> Pressure	Reading: 0C	Condition Acceptable		
	<input type="checkbox"/> Temperature	Reading:	Condition		
Sight Glass	<input checked="" type="checkbox"/> Fluid Level	Reading: 0	Condition Acceptable		

Inspection Summary	-VESSEL WAS INSPECTED ON 9-26-16 -EXTERNAL PIPING IS SECURE -VESSEL IS FFS WITH A RECOMMENDED 5 YEAR VE INTERVAL AFTER UT REVIEW IS ACCEPTED -EXTERNAL PAINT IS IN ACCEPTABLE CONDITION -PSV TO BE SERVICE AT 2016 TA -MINOR EXTERNAL CORROSION NOTED ON THE MANWAY AND THE SHELL OF VESSEL				
	Recommended Actions:			NCR	
VESSEL STATUS					
Integrity Status	Suitable for Continued Service <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Immediate Repairs Required <input type="checkbox"/> Future Repairs Required <input type="checkbox"/> Replace				
Inventory Status	<input checked="" type="checkbox"/> In Service <input type="checkbox"/> Out of Service <input type="checkbox"/> Surplus <input type="checkbox"/> Scrap				

Recommended Inspection Interval: 5 yrs.

Recommended PSV Interval: 5 yrs.

IPV/IBPV Certificate #: 404 API 510 Certificate #: 32933 PEI Certificate #: 191

Signature of In-Service Inspector: 

Grade 2, VE Interval 10 years
 Grade 2, Thorough Interval 10 years

Recommended inspection intervals are based off of the current inspection

INSPECTION PHOTOGRAPHS



LSD SIGN



DATA PLATE



OVER ALL VIEW



OVER ALL VIEW



MANWAY



GAUGE



SIGHT GLASS



PW TAG



SERVICE TAG



SERVICE TAG



PSV DATA PLATE




PSV OVER ALL VIEW

VISUAL INTERNAL INSPECTION REPORT – Pressure Vessels

Report Number:			
Date:	10-4-16	Description:	<input checked="" type="checkbox"/> Vessel <input type="checkbox"/> Exchanger <input type="checkbox"/> Furnace <input type="checkbox"/> Boiler
Inspector:	JERRAD MOROSOFF	Unit #:	Equip #:
Agent Co:	STREAMLINE INSPECTION	Equip. Name:	PROPANE BULLET
Owner:	PENNWEST	Jurisdiction #:	A218152 CRN #: E8283.2
Region:	PEACE RIVER	Manufacturer:	WESTERN ROCK BIT
Area:	TANGENT	Year Built:	1984 S/N: 26971-A
		Location/LSD:	13-29-80-23W5
Scope:	A visual internal (VI) inspection was performed on all accessible shell and head surfaces, nozzles, welds, etc.		
Access:	<input checked="" type="checkbox"/> Manway <input type="checkbox"/> Hand-hole <input type="checkbox"/> Inspection Nozzle		
Opening	Gasket Surfaces:	<input checked="" type="checkbox"/> Compliant with code	Comment
	Nozzle Tube:	<input checked="" type="checkbox"/> No pitting, erosion, etc.	Comment
Shell and Head Surfaces	Uniform Corrosion:	<input checked="" type="checkbox"/> Insignificant amount	Comment
	Pitting Corrosion:	<input checked="" type="checkbox"/> None noted	Comment
	Erosion:	<input checked="" type="checkbox"/> None noted	Comment
	Mechanical Damage:	<input checked="" type="checkbox"/> None noted	Comment
Welds	Uniform Corrosion:	<input checked="" type="checkbox"/> Insignificant amount	Comment
	Pitting Corrosion:	<input checked="" type="checkbox"/> None noted	Comment
	Welding Defects:	<input checked="" type="checkbox"/> None noted	Comment
	<input checked="" type="checkbox"/> NDT was performed by: STREAMLINE		Extent: WFLMT
	Type: <input checked="" type="checkbox"/> MPI (<input checked="" type="checkbox"/> WF <input type="checkbox"/> B&W <input type="checkbox"/> Dry) <input type="checkbox"/> LPI <input type="checkbox"/> UT <input type="checkbox"/> RT <input type="checkbox"/> Other:		
Results: NO REJECTABLE INDICATIONS FOUND DURING THE INSPECTION			
Nozzles	Obstructions:	<input checked="" type="checkbox"/> None noted	Comment
	Corrosion:	<input checked="" type="checkbox"/> None noted	Comment
	Erosion:	<input checked="" type="checkbox"/> None noted	Comment
Attachments	<input type="checkbox"/> Vortex breaker	<input type="checkbox"/> Secure <input type="checkbox"/> Good Condition	Comment
	<input type="checkbox"/> Impingement plate	<input type="checkbox"/> Secure <input type="checkbox"/> Good Condition	Comment
	<input type="checkbox"/> Suction tube	<input type="checkbox"/> Secure <input type="checkbox"/> Good Condition	Comment
	<input type="checkbox"/> Demister	<input type="checkbox"/> Secure <input type="checkbox"/> Good Condition	Comment
	<input type="checkbox"/> Other:	<input type="checkbox"/> Secure <input type="checkbox"/> Good Condition	Comment
Inspection Summary	VESSEL IS FFS WITH A RECOMMENDED 10 YEAR INTERNAL INTERVAL -VESSEL WAS INSPECTED ON 10/2/16 -SCALE BUILD UP AND SOLID BUILD UP, SCRAPED AND REMOVED WITH NO SIGNIFICANT SIGNS OF CORROSION OR MECHANICAL DAMAGE AT TIME OF INSPECTION -WFLMT ALL ACCESSABLE WELDS WITH NO REJECTABLE INDICATIONS FOUND -TOP OF THE VESSEL ENTRY WITH LADDER		
Recommended Actions:			NCR/IDR
VESSEL STATUS			
Integrity Status	Suitable for Continued Service <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Immediate Repairs Required <input type="checkbox"/> Future Repairs Required <input type="checkbox"/> Replace		
Inventory Status	<input checked="" type="checkbox"/> In Service <input type="checkbox"/> Out of Service <input type="checkbox"/> Surplus <input type="checkbox"/> Scrap <input type="checkbox"/> Action Items Completed		

Inspection Interval: 5 yrs OR Changed to: 10 yrs.

Signature of In-Service Inspector: 

PSV Interval: _____ yrs OR Changed to: _____ yrs.

IPV/IBPV Certificate #: 404

Grade 2, VI Interval 10 years
Grade 2, Thorough Interval 10 years

INSPECTION PHOTOS



LSD SIGN



DATA PLATE



INTERNAL OVER VIEW



TYPICAL "T" JOINT



TYPICAL "WELD" SEAM

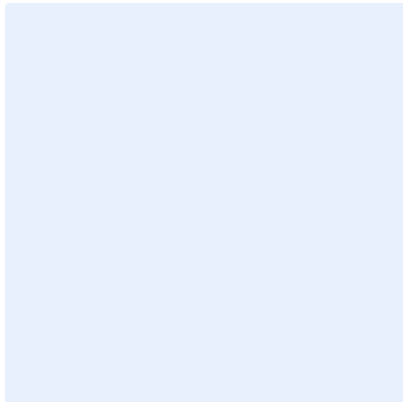
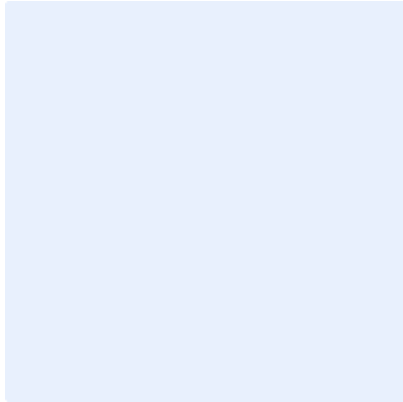


TYPICAL NOZZLE

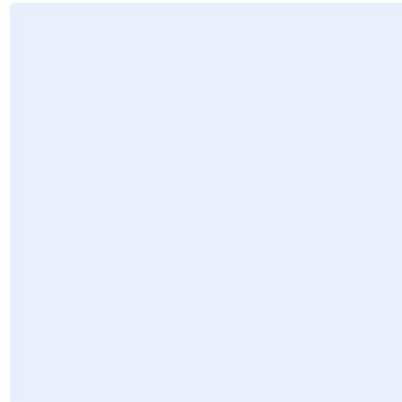
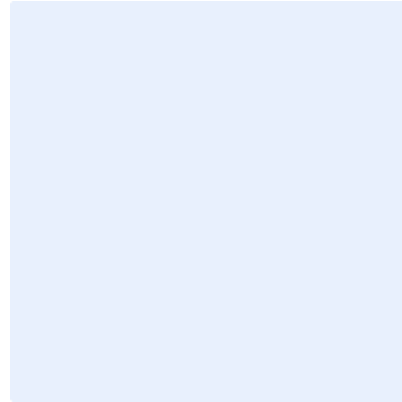
VISUAL INTERNAL INSPECTION REPORT – Pressure Vessels



TYPICAL SCALE BUILD UP



TYPICAL SOLID BUILD UP



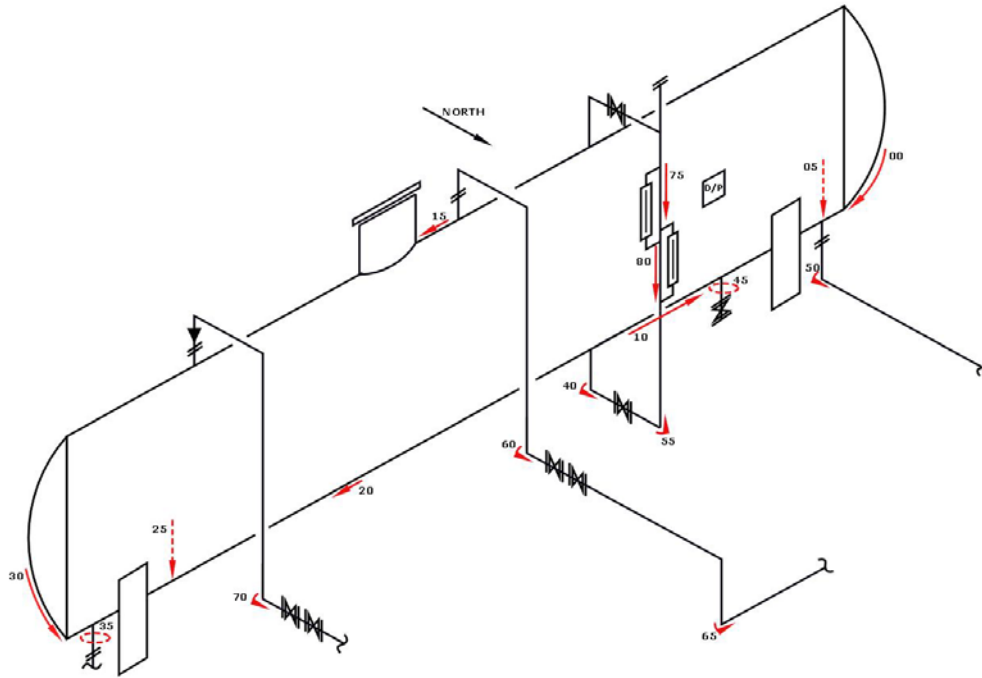
PennWest Exploration

Location Name:	TANGENT	LSD:	13-29-080-23 W5
Jur #:	A0218152	Equipment/Tag No.	
Equipment Description:	LPG STORAGE TANK		
Manufacturer:	WESTERN ROCK BIT CO. LTD.		
Serial Number:	26971A	CRN:	E8283.2
Shell MAWP:	250	PSI	Shell Design Temp: 120 °F
Tube MAWP:		PSI	Tube Design Temp: °F
Shell Material:	SA-516-70	Head Material:	SA-516-70
Shell Thickness:	0.755	in	Head Thickness: 0.750 in
Corrosion Allowance:	0.063	in	Date Built: 1984
Size:	96.000	in	Pipe / Rolled Plate: PLATE
RT:	2	Client DWG #:	

NOTES:



Grade 2, UT Interval 10 years
Grade 2, Thorough Interval 10 years





Ultrasonic Corrosion Survey

*All values are in inches unless otherwise stated.

Survey Name: PennWest

Date: Sep 29, 2016

Inspector: Darrin Robak

LSD: 13-29-080-23 W5	Area: TANGENT	Location: GAS PLANT
Jur #: A0218152	Tag Number:	Vessel Name: LPG STORAGE TANK
CRN: E8283.2	Year Built: 1984	Serial Number: 26971A
RT: 2	Vessel CA: 0.063 in	Manufacturer: WESTERN ROCK BIT CO. LTD.
	Shell MAWP: 250 PSI	Tube MAWP: PSI
	MAWTF: 120 °F	MAWTF: °F
		Pipe/Plate PLATE

TML Description	Baseline	Flange ANSI:	Material: SA-516-70
00 HEAD	2016	CA	T Min
Shape: Ellipsoidal	Min 0.888	Flag 0.687	Nominal 0.750
OD: 96	Avg 0.900		STCR in/yr 0.0000
Spec: ASME VIII Div.1	Comments:		LTCR in/yr 0.0000
			Remaining Life:
			Retirement Date:

TML Description	Baseline	Flange ANSI:	Material: SA-516-70
05 SHELL	2016	CA	T Min
Shape: Cylindrical	Min 0.779	Flag 0.692	Nominal 0.755
OD: 96	Avg 0.782		STCR in/yr 0.0000
Spec: ASME VIII Div.1	Comments:		LTCR in/yr 0.0000
			Remaining Life:
			Retirement Date:

TML Description	Baseline	Flange ANSI:	Material: SA-516-70
10 SHELL	2016	CA	T Min
Shape: Cylindrical	Min 0.785	Flag 0.692	Nominal 0.755
OD: 96	Avg 0.789		STCR in/yr 0.0000
Spec: ASME VIII Div.1	Comments:		LTCR in/yr 0.0000
			Remaining Life:
			Retirement Date:

TML Description	Baseline	Flange ANSI:	Material: SA-516-70
15 SHELL	2016	CA	T Min
Shape: Cylindrical	Min 0.775	Flag 0.692	Nominal 0.755
OD: 96	Avg 0.777		STCR in/yr 0.0000
Spec: ASME VIII Div.1	Comments:		LTCR in/yr 0.0000
			Remaining Life:
			Retirement Date:



Ultrasonic Corrosion Survey

*All values are in inches unless otherwise stated.

Survey Name: PennWest

Date: Sep 29, 2016

Inspector: Darrin Robak

LSD: 13-29-080-23 W5	Area: TANGENT	Location: GAS PLANT
Jur #: A0218152	Tag Number:	Vessel Name: LPG STORAGE TANK
CRN: E8283.2	Year Built: 1984	Serial Number: 26971A
RT: 2	Vessel CA: 0.063 in	Manufacturer: WESTERN ROCK BIT CO. LTD.
	Shell MAWP: 250 PSI	Tube MAWP: PSI
	MAWTF: 120 °F	MAWTF: °F
		Pipe/Plate PLATE

TML Description	Baseline	Flange ANSI:	Material: SA-516-70
20 SHELL	2016	CA	T Min
Shape: Cylindrical	Min 0.766	Flag 0.692	STCR in/yr 0.0000
OD: 96	Avg 0.770	Nominal 0.755	LTCR in/yr 0.0000
Spec: ASME VIII Div.1	Comments:		Remaining Life:
			Retirement Date:

TML Description	Baseline	Flange ANSI:	Material: SA-516-70
25 SHELL	2016	CA	T Min
Shape: Cylindrical	Min 0.752	Flag 0.692	STCR in/yr 0.0000
OD: 96	Avg 0.756	Nominal 0.755	LTCR in/yr 0.0001
Spec: ASME VIII Div.1	Comments:		Remaining Life:
			Retirement Date:

TML Description	Baseline	Flange ANSI:	Material: SA-516-70
30 HEAD	2016	CA	T Min
Shape: Ellipsoidal	Min 0.887	Flag 0.687	STCR in/yr 0.0000
OD: 96	Avg 0.891	Nominal 0.750	LTCR in/yr 0.0000
Spec: ASME VIII Div.1	Comments:		Remaining Life:
			Retirement Date:

TML Description	Baseline	Flange ANSI: Unknown	Material: SA-106-B
35 NOZZLE	2016	CA	T Min
Shape: 360° Circ	Min 0.323	Flag 0.300	STCR in/yr 0.0000
OD: 2.375	Avg 0.338	Nominal 0.343	LTCR in/yr 0.0006
Spec: ASME VIII Div.1	Comments: ASSUME NOM		Remaining Life:
			Retirement Date:



Ultrasonic Corrosion Survey

*All values are in inches unless otherwise stated.

Survey Name: PennWest

Date: Sep 29, 2016

Inspector: Darrin Robak

LSD: 13-29-080-23 W5	Area: TANGENT	Location: GAS PLANT
Jur #: A0218152	Tag Number:	Vessel Name: LPG STORAGE TANK
CRN: E8283.2	Year Built: 1984	Serial Number: 26971A
RT: 2	Vessel CA: 0.063 in	Manufacturer: WESTERN ROCK BIT CO. LTD.
	Shell MAWP: 250 PSI	Tube MAWP: PSI
	MAWTF: 120 °F	MAWTF: °F
		Pipe/Plate PLATE

TML Description	Baseline	Flange ANSI: Unknown	Material: SA-106-B
40 NOZZLE	2016	CA	T Min
Shape: 360° Circ	Min 0.308	Flag 0.263	STCR in/yr 0.0000
OD: 3.5	Avg 0.314	Nominal 0.300	LTCR in/yr 0.0000
Spec: ASME VIII Div.1	Comments: ASSUME NOM		Remaining Life:
			Retirement Date:

TML Description	Baseline	Flange ANSI: Unknown	Material: SA-106-B
45 NOZZLE	2016	CA	T Min
Shape: 360° Circ	Min 0.328	Flag 0.300	STCR in/yr 0.0000
OD: 2.375	Avg 0.339	Nominal 0.343	LTCR in/yr 0.0005
Spec: ASME VIII Div.1	Comments: ASSUME NOM		Remaining Life:
			Retirement Date:

TML Description	Baseline	Flange ANSI: Unknown	Material: SA-234-WPB
50 PIPING	2016	CA	T Min
Shape: 90° Elbow	Min 0.237	Flag 0.207	STCR in/yr 0.0000
OD: 4.5	Avg 0.244	Nominal 0.237	LTCR in/yr 0.0000
Spec: ASME B31.3	Comments: ASSUME NOM		Remaining Life:
			Retirement Date:

TML Description	Baseline	Flange ANSI: Unknown	Material: SA-234-WPB
55 PIPING	2016	CA	T Min
Shape: 90° Elbow	Min 0.327	Flag 0.263	STCR in/yr 0.0000
OD: 3.5	Avg 0.334	Nominal 0.300	LTCR in/yr 0.0000
Spec: ASME B31.3	Comments: ASSUME NOM		Remaining Life:
			Retirement Date:



Ultrasonic Corrosion Survey

*All values are in inches unless otherwise stated.

Survey Name: PennWest

Date: Sep 29, 2016

Inspector: Darrin Robak

LSD: 13-29-080-23 W5	Area: TANGENT	Location: GAS PLANT
Jur #: A0218152	Tag Number:	Vessel Name: LPG STORAGE TANK
CRN: E8283.2	Year Built: 1984	Serial Number: 26971A
RT: 2	Vessel CA: 0.063 in	Manufacturer: WESTERN ROCK BIT CO. LTD.
	Shell MAWP: 250 PSI	Tube MAWP: PSI
	MAWTF: 120 °F	MAWTF: °F
		Pipe/Plate PLATE

TML Description	Baseline	Flange ANSI: Unknown	Material: SA-234-WPB
60 PIPING	2016	CA	T Min
Shape: 90° Elbow	Min 0.240	Flag 0.207	STCR in/yr 0.0000
OD: 4.5	Avg 0.246	Nominal 0.237	LTCR in/yr 0.0000
Spec: ASME B31.3	Comments: ASSUME NOM		Remaining Life:
			Retirement Date:

TML Description	Baseline	Flange ANSI: Unknown	Material: SA-234-WPB
65 PIPING	2016	CA	T Min
Shape: 90° Elbow	Min 0.229	Flag 0.207	STCR in/yr 0.0000
OD: 4.5	Avg 0.233	Nominal 0.237	LTCR in/yr 0.0002
Spec: ASME B31.3	Comments:		Remaining Life:
			Retirement Date:

TML Description	Baseline	Flange ANSI: Unknown	Material: SA-234-WPB
70 PIPING	2016	CA	T Min
Shape: 90° Elbow	Min 0.230	Flag 0.189	STCR in/yr 0.0000
OD: 3.5	Avg 0.242	Nominal 0.216	LTCR in/yr 0.0000
Spec: ASME B31.3	Comments: ASSUME NOM		Remaining Life:
			Retirement Date:

TML Description	Baseline	Flange ANSI: Unknown	Material: SA-106-B
75 PIPING	2016	CA	T Min
Shape: Bridle	Min 0.293	Flag 0.263	STCR in/yr 0.0000
OD: 3.5	Avg 0.299	Nominal 0.300	LTCR in/yr 0.0002
Spec: ASME B31.3	Comments: ASSUME NOM		Remaining Life:
			Retirement Date:



Ultrasonic Corrosion Survey

*All values are in inches unless otherwise stated.

Survey Name: PennWest

Date: Sep 29, 2016

Inspector: Darrin Robak

LSD: 13-29-080-23 W5	Area: TANGENT	Location: GAS PLANT
Jur #: A0218152	Tag Number:	Vessel Name: LPG STORAGE TANK
CRN: E8283.2	Year Built: 1984	Serial Number: 26971A
RT: 2	Vessel CA: 0.063 in	Manufacturer: WESTERN ROCK BIT CO. LTD.
	Shell MAWP: 250 PSI	Tube MAWP: PSI
	MAWTF: 120 °F	MAWTF: °F
		Pipe/Plate PLATE

TML Description	Baseline	Flange ANSI: Unknown	Material: SA-106-B
80 PIPING	2016	CA	T Min
Shape: Bridle	Min 0.308	Flag 0.263	STCR in/yr 0.0000
OD: 3.5	Avg 0.313	Nominal 0.300	LTCR in/yr 0.0000
Spec: ASME B31.3	Comments: ASSUME NOM		Remaining Life:
			Retirement Date:

Bay 5, 240040 Frontier Place SE
Rocky View, Alberta T1X 0N2



REPORT: M-DR20161004
DATE: 2-Oct-16
PAGE: 1 OF 1

MAGNETIC PARTICLE EXAMINATION REPORT

CLIENT:	Pennwest	CONTRACTOR:	
LOCATION NAME:	Tangent Gas Plant	STREAMLINE JOB#	16-332
LOCATION:	13-29-80-23W5M	CLIENT PO#:	
ITEMS EXAMINED:	LPG Storage Tank (A0218152)		
PROCEDURE:	MT-1 rev 1.0	ACCEPTANCE CRITERIA:	ASME VIII DIV. 1 APP. 6
		SPECIFICATION:	ASME V ART. 7

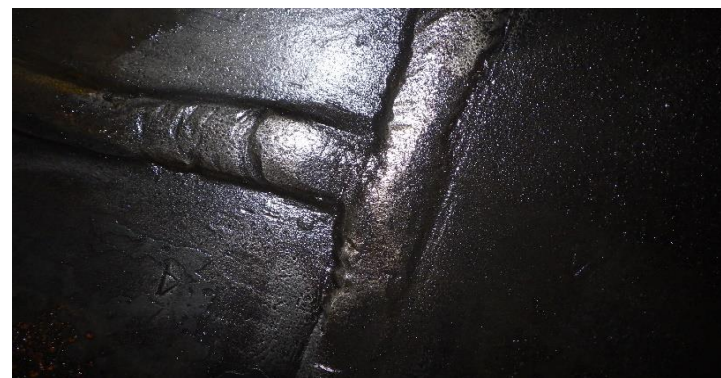
EQUIPMENT / TEST SURFACE DETAILS

<input checked="" type="checkbox"/> YOKE	<input checked="" type="checkbox"/> AC	<input type="checkbox"/> DC	<input checked="" type="checkbox"/> CONTINUOUS	<input type="checkbox"/> RESIDUAL	<input checked="" type="checkbox"/> 120Volt	<input type="checkbox"/> 12Volt	Test Weight:	10 lbs	Test Weight SN:	
Yoke Manuf:	Magnaflux	Yoke Model:		Serial #:		Cal Date:	2-Oct-16	Prod Spacing	3" - 8"	
<input type="checkbox"/> 100 W TROUBLE LIGHT*	<input type="checkbox"/> 10 W YOKE LIGHT*	<input type="checkbox"/> HALOGEN LIGHT	<input type="checkbox"/> OTHER:				*Light Source Intensity Demonstrated: $\geq 100fc$			
<input checked="" type="checkbox"/> BLACKLIGHT	Serial #:: 1Z11	Last Performance Check:		Minimum Black Light Intensity: $\geq 1000\mu W/cm^2$						
<input type="checkbox"/> LIGHT METER	Serial #:: 4484/7968	Last Calibration Date:		Excess Particles Removed via Flow or Exhalation						

TEST MEDIUM MANUFACTURER:	Magnaflux	MEDIUM TYPE / SIZE:	Supramor 4 Black (<0.5 μ) / WCP712							
		MEDIUM BATCH # (s):								
<input type="checkbox"/> DRY	COLOR:	<input checked="" type="checkbox"/> FLUORESCENT	<input type="checkbox"/> BLACK ON CONTRAST WHITE	APPLICATION METHOD:	<input checked="" type="checkbox"/> SPRAY	<input type="checkbox"/> POWDER PUFFER				
Material:	C/S	Thickness	0.755"	<input type="checkbox"/> CLEAN BASE METAL	<input type="checkbox"/> AS GROUND	<input checked="" type="checkbox"/> WIRE WHEEL BUFFED	<input type="checkbox"/> AS WELDED	<input type="checkbox"/> PAINTED	<input type="checkbox"/> SAND BLAST	<input type="checkbox"/> Other:

EXAMINATION DETAILS AND RESULTS

A fluorescent Magnetic Particle Inspection was performed on all accessible welds in the LPG Storage Tank (A0218152). See below for results.



Results: no relevant indications to note at time of inspection.

TECHNICIAN/CERTIFICATION:	DAVE SKEARD CGSB UT II, MT II #8101	CLIENT:	
SIGNATURE:	<i>Dave Skeard</i>	ASSISTANT:	
		APPROVAL:	

Grade 2, MT Interval 10 years
Grade 2, Thorough Interval 10 years