

GENERAL PRESSURE VESSEL INFORMATION						
District:	Lloydminster	66194459	Skid No.:	100/10-34-51-4 W/02		
Facility:	AB NORTH	2012-07-27	Location (LSD):	10-34-051-04W4		
Name & Equip No:	GLYCOL BOILER - N/S		Orientation:	Horizontal		
Company:	Husky		Cost Code:			
Status:	Shut-In		Operating Province:	Alberta		
Unit:						
MFG - Cleaver-Brooks ABSA						
Plant:			Vessel:			
Process:			Special:			
Amount(\$):						
PRESSURE VESSEL NAMEPLATE DATA						
Registration Number:			Registration Number (Other):			
Serial Number: S-15886M5			CRN Number:			
MAWP: 140.00 (psi) 965.27 (Kpa)			AT temperature: 100.00 (F) 37.78 (C)			
Size (diam. x length): 60.00 x 110.00(In) 1524.00 x 794.00(mm)			Manufacturer:			
X-Ray: None			Lining Or Coated: Yes			
Year Built:			Heat Treatment: No			
Code parameters:			Corrosion allowance: (In) 0.00 (mm)			
			Manway: Yes			
PIPING NAMEPLATE DATA						
Primary Flange Rating: 150			ASME B16.5 - Table 2-1.1 @ 150F: 285 (psi)			
Pressure Use For TMin: Max Flange			Piping Operating Press: 285 (psi)			
Stress Value: 20000 (psi)			E Value: 1			
Comments:						
SERVICE CONDITIONS-INDICATE ALL THAT APPLY						
Sweet <input checked="" type="checkbox"/>	Sour	Oil	Gas	Water		
Amine	LPG	Condensate	Air	Glycol		
Other (Describe):						
COMPONENTS						
Name	Joint Efficiency	Outside Diameter(in.)	Head Type	Material Type	Stress Value (PSI)	Nominal Thickness(Inch)
SHELL	0.70	60.00		Unknown	15000	
HEAD	0.85	60.00	Flat	Unknown	15000	
GENERAL COMMENTS						
NOT IN SERVICE. MFG: CLEVER BROOKS. LENGTH (110" RECTANGLE).						

ENTERED

## Field Inspection Report - Husky

1,405

<b>Registration #:</b>		<b>Equipment Name:</b>	GLYCOL BOILER	<b>Province:</b>	
<b>District:</b>	Lloydminster	<b>LSD:</b>	10-34-051-04W4	<b>Location:</b>	AB NORTH
<b>CRN:</b>		<b>Skid Number:</b>		<b>Service:</b>	
<b>Manway:</b>	Yes	<b>Coating:</b>	Yes	<b>Equipment Number:</b>	N/S
<b>MAWP (psi):</b>	140.00 (psi)	<b>Temp:</b>	100.00 (F)	<b>Serial Number:</b>	S-15886M5
<b>Outstanding NCR's:</b>	No	<b>No.:</b>	0		
<b>General:</b>					

## Safety Valves

Side:	MAWP (psi)	MAWP (kPa)	PSV No.	Set Press (psi)	Set Press (kPa)	Capacity Imperial	Imperial Units	Capacity Metric	Metric Units
Shell	140.00	965.27	1034-1B	125.00	861.85		SCFM		
<b>Status:</b>	Shut-In			<b>Examination Methods:</b>	Access: EXTERNAL		<b>Cleaning:</b>		

## External Inspection

<b>Inspection Date:</b>	Jul 27, 2012	<b>Inspection Interval:</b>	60	<b>Next Insp. Date:</b>	Jul 27, 2017
<b>Item</b>	<b>Condition</b>	<b>Inspection Comments</b>			
Insulation	N/A				
External Condition	Accept	PAINT FAIR, SOME EXTERNAL CORROSION. MINOR SURFACE CORROSION.			
Leakage	Accept	NO LEAKS/WEEPS.			
Skirt/Saddle	Accept	NO DAMAGE/SECURE VESSEL.			
Anchor Bolts	Accept	SECURE VESSEL.			
Concrete Foundation	N/A				
Ladder/Platform	N/A				
Nozzle	Accept	FLANGED CONNECTIONS. PRESENTLY DISCONNECTED FROM SERVICE.			
Gauges	Accept	GOOD WORKING ORDER/RANGE.			
External Piping	N/A	DISCONNECTED FROM SERVICE.			
Valving	Accept	NO LEAKS/WEEPS.			
PSV	Accept				
NDE Methods	Accept	VT.			
Other	N/A				
<b>Recommendations:</b>	FULL UT SURVEY MUST BE COMPLETED ON VESSEL TO BE CONSIDERED FOR FITNESS OF SERVICE.		<b>Inspected By:</b>	Roger Dlugosz	<b>ABSA PESL #:</b> 000566

**INSPECTOR :** I have witnessed/done the above inspections and certify that they have been done in accordance with our approved manual and that the information is accurate. I certify that the status of the Pressure equipment detailed here is:

Suitable to be returned to service

Repairs complete(AB-40 attached)

Repairs are still required:

Suggested Inspection interval:

48

Inspector: Roger Dlugosz

ABSA PESL #: 000566

Signature: 

Date: Jul 27, 2012

## Pressure Safety Valve Summary

### PSV Static Data

Client:	Husky	Facility:	AB NORTH
District:	Lloydminster	PSV Number:	1034-1B
Location:	10-34-051-04W4	Serial Number:	
Description:		Manufacturer:	KUNKLE
CRN:		Code Stamp:	
Model:	537-C01-HM	Outlet Size:	0.5
Inlet Size:	1		
Side (Shell or Tube):	Shell		

### PSV Service/Inspection

Set Date:	25 May, 2010	Service Interval:	48
Set Pressure (psig):	125	Capacity (scfm):	
Service Sealed Intact:	Yes		
Block Valve Inlet:	No	Block Valve Inlet Locked Open:	
Block Valve Outlet:	No	Block Valve Outlet Locked Open:	
Service Company:		Ref Number:	
Condition:		Prepopped Results:	
Service Type:		Installed Date:	
Next Service Date:	25 May, 2014		
Comments:	CAPACITY IS 11152489 BTU		

### Equipment Protected

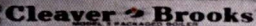
Reg #	Equip #	Type	Name	Status	MAWP
	N/S	Pressure Vessel	GLYCOL BOILER	Shut-In	140.00

### PSV Summary

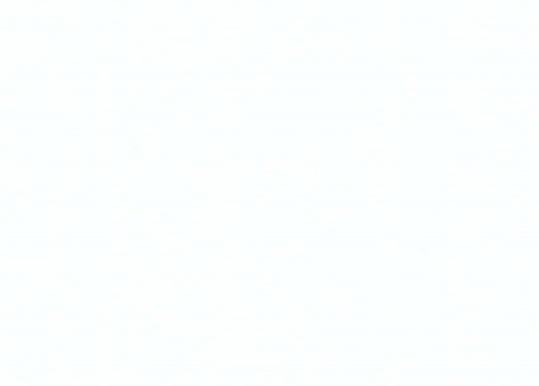
PSV passes all summary checks.



**TOTAL INTEGRITY MANAGEMENT SOLUTIONS**



NAMEPLATE

[illegible]

OWNER: <b>HUSKY</b>	SERIAL #	NOTES
EQUIPMENT NAME: <b>BOILER HT</b>	NB#	
REGISTRATION #	OWNER ID <b>S/NS-15886M5</b>	
EQUIPMENT #		