

**PRESSURE EQUIPMENT DATA REPORT**

**EQUIPMENT GENERAL INFORMATION**

<b>District:</b>	Northeast BC		
<b>Facility:</b>	MAXHAMISH		
<b>Location /LSD:</b>	D-036-I/094-O-14	<b>Operating Province:</b>	British Columbia
<b>Equipment Name:</b>	GLYCOL FILTER		
<b>Equipment Status:</b>	Operating	<b>Orientation:</b>	Vertical
<b>Skid No.:</b>	<b>Unit:</b>		

**EQUIPMENT STATIC DATA**

<b>AB Registration No.:</b>		<b>Serial No.:</b>	JL2008-035	
<b>Registration No./Other:</b>		<b>Equipment No.:</b>	10945	
<b>CRN NO.:</b>	R1288.2134	<b>Unique ID No.:</b>		
<b>National Board No.:</b>		<b>Oncor ID No.:</b>	48616	
<b>Manufacturer:</b>	JL FILTRATION INC		<b>Year Built:</b>	2008
<b>MAWP:</b>	350.00 (psi)	2413.18 (Kpa)	<b>Temperature:</b>	2411.00 (F) 1321.67 (C)
<b>Diameter.:</b>	6.625 (In)	168.275 (mm)	<b>Length:</b>	15.00 (In) 381.00 (mm)
<b>Radiography:</b>	RT1		<b>Heat Treatment:</b>	No
<b>Corrosion allowance:</b>	(In)	0.000 (mm)	<b>MDMT:</b>	
<b>Lining Or Coated:</b>			<b>Painted:</b>	
<b>Insulated:</b>			<b>Internally Clad:</b>	
<b>Hand Hole:</b>			<b>Support Type:</b>	
<b>Manway:</b>	No		<b>Manway Size(In):</b>	
<b>Capacity/Volume(m3):</b>			<b>Nozzle Rating:</b>	

**MATERIALS/COMPONENTS**

Name	Joint Efficiency	Outside Diameter(in.)	Head Type	Material Type	Stress Value (PSI)	Nominal Thickness(In.)
SHELL	1.00	6.625		Unknown	15000	
HEAD	1.00	6.625	Ellipsoidal	Unknown	15000	

**PIPING STATIC DATA**

<b>Primary Flange Rating:</b>		<b>ASME B16.5 - Table 2-1.1 @ 150F:</b>	(psi)
<b>Pressure Use For TMin:</b>	Vess Design Press	<b>Piping Operating Press:</b>	350 (psi)
<b>Stress Value:</b>	20000 (psi)	<b>E Value:</b>	1.00 <b>Joint:</b>

**SERVICE CONDITIONS**

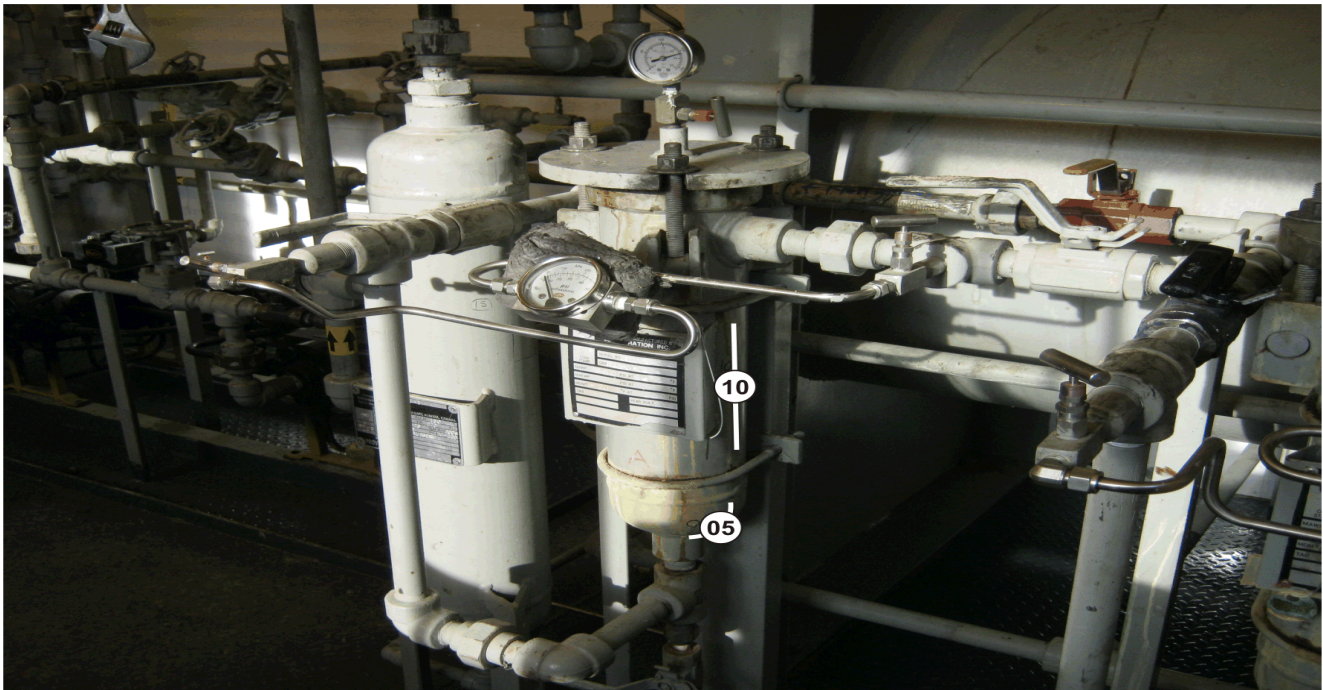
<b>Sweet</b>	<b>Sour</b> ✓	<b>Oil</b>	<b>Gas</b>	<b>Water</b>
<b>Amine</b>	<b>LPG</b>	<b>Condensate</b>	<b>Air</b>	<b>Glycol</b>

**COMMENTS**

HAS WQS UT MARKINGS ON VESSEL.  
PIC: 5293, 5294.

**EXAMINATION ILLUSTRATION**

<b>DISTRICT:</b>	Northeast BC	<b>FACILITY:</b>	MAXHAMISH	<b>LOCATION/LSD:</b>	D-036-I/094-O-14
<b>EQUIP NAME:</b>	GLYCOL FILTER			<b>PROV REG No.:</b>	
<b>SERIAL No.:</b>	JL2008-035	<b>Equip No.:</b>	10945	<b>National Board No.:</b>	



<b>OWNER:</b> EOG	<b>SERIAL #</b> JL2008-035	<b>NOTES</b>
<b>EQUIPMENT NAME:</b> GLYCOL FILTER	<b>NB#</b>	
<b>REGISTRATION #</b>	<b>OWNER ID</b>	
<b>EQUIPMENT #</b> 10945		

**ULTRASONIC CORROSION SURVEY REPORT**

<b>DISTRICT:</b>	Northeast BC	<b>FACILITY:</b>	MAXHAMISH	<b>LOCATION/LSD:</b>	D-036-I/094-O-14
<b>EQUIP NAME:</b>	GLYCOL FILTER			<b>PROV REG No.:</b>	
<b>SERIAL No.:</b>	JL2008-035	<b>Equip No.:</b>	10945	<b>National Board No.:</b>	

**SUMMARY**

TYPE	LAST INSPECTIONS	INSPECTION INTERVAL (YEARS)	CORROSION RATE (IN/YR)		REMAINING LIFE (YEARS)	NEXT INSPECTION DATE
			SHORT TERM	LONG TERM		
VESSEL	Oct 20, 2011	5.0	0.0000	0.0000	198.0	Oct 20, 2016
PIPING						

**VESSEL SURVEY READINGS**

POINT NUMBER	TYPE	POINT DATA (INCH)			DATE	SURVEY READINGS			CALCULATIONS		
		NOM.	C.A.	NOM-CA		LOW	AVG	T Req (inch)	short term corr	long term	remaining life
05	HEAD	0.0000	0.0000	0.0000	Oct 20/11	0.230	0.260	0.076	0.0000	0.0000	198.0
10	SHELL	0.0000	0.0000	0.0000	Oct 20/11	0.276	0.280	0.077	0.0000	0.0000	198.0

**INSPECTOR-EQUIPMENT DATA**

Inspected By	Signature	CGSB Level	CGSB No.	Survey Dat	UT Equipment	Due Date OF Calibration	NDE Procedure #
				10/20/2011			WQS UT-001

**VISUAL INSPECTION REPORT**

<b>District:</b>	Northeast BC	<b>Facility:</b>	MAXHAMISH	<b>Location/LSD:</b>	D-036-I/094-O-14
<b>Equipment Name:</b>	GLYCOL FILTER			<b>Prov Reg No. :</b>	
<b>Serial No.:</b>	JL2008-035	<b>Equip No.:</b>	10945	<b>National Board No.:</b>	

**EXTERNAL INSPECTION**

<b>INSPECTION DATE:</b>	Oct 20, 2011	<b>INSPECTION INTERVAL:</b>	60	<b>NEXT INSPECTION DATE:</b>	Oct 20, 2016
<b>ITEM</b>	<b>CONDITION</b>	<b>INSPECTION COMMENTS</b>			
INSULATION	N/A				
EXTERNAL CONDITION	ACCEPT	IN GOOD CONDITION.			
LEAKAGE	ACCEPT	NO VISIBLE LEAKAGE NOTED.			
SKIRT/SADDLE	ACCEPT	SECURE.			
ANCHOR BOLTS	ACCEPT	SECURE.			
CONCRETE FOUNDATION	N/A				
LADDER/PLATFORM	N/A				
NOZZLE	ACCEPT	IN GOOD CONDITION.			
GAUGES	ACCEPT	IN GOOD CONDITION.			
EXTERNAL PIPING	ACCEPT	WELL SUPPORTED.			
VALVING	ACCEPT	NO VISIBLE LEAKS.			
PSV	ACCEPT	SET PRESSURE 50 PSI, SERVICED 05/11.			
NDE METHODS	ACCEPT	UT/VT.			
OTHER	N/A				

**RECOMMENDATIONS:**

FIT FOR SERVICE,

I have performed the above inspections and certify that they have been done in accordance with our approved manual and that the information is accurate.

<b>Inspector:</b>	Justin Orichowski	<b>ABSA PESL #:758</b>	<b>Signature:</b>		<b>Date:</b>	Oct 20, 2011
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**REPORT SIGN-OFF**

*Where required , the above reports has been reviewed and accepted as noted below:*

<b>WQS Supervisor Name:</b>		
<b>WQS Supervisor Title/Cert No.:</b>		<b>Cert No.:</b>
<b>WQS Supervisor Signature/Date:</b>		<b>Date:</b>

*Where required , the above reports has been reviewed and accepted as noted below:*

<b>Client Supervisor Name:</b>		
<b>Client Supervisor Title/Cert No.:</b>		
<b>Client/Supervisor Signature/Date:</b>		<b>Date:</b>

### PRESSURE RELIEF VALVE SUMMARY

<b>District:</b>	Northeast BC	<b>Facility:</b>	MAXHAMISH	<b>Location/LSD:</b>	D-036-I/094-O-14
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#### PSV STATIC DATA

<b>Tag/Equip No.:</b>	10945	<b>Serial No.:</b>	586815
<b>Manufacturer:</b>	MERCER	<b>CRN No.:</b>	OG8841.5C
<b>Model No.:</b>	81-17151T079	<b>Code Stamp:</b>	
<b>Side (Shell or Tube):</b>	Shell	<b>Outlet Size:</b>	1
<b>Inlet Size:</b>	1	<b>Outlet Type / ANSI Rating:</b>	/
<b>Inlet Type / ANSI Rating:</b>	/		

#### PSV SERVICE DATA

<b>Set Date:</b>	1 May, 2011	<b>Service Interval:</b>	48
<b>Set Pressure (psig)</b>	50	<b>Capacity (scfm):</b>	216
<b>Service Company:</b>		<b>Next Service Date:</b>	1 May, 2015
<b>Comments:</b>			

#### EQUIPMENT PROTECTED

Prov Reg No.	Equipment No.	Serial No.	Equipment Name	Status	MAWP
	10945	JL2008-035	GLYCOL FILTER	Operating	350.00
	7683	JL2008-059	FILTER	Operating	350.00

#### PSV SUMMARY

PSV passes all summary checks.