

PRESSURE EQUIPMENT DATA REPORT

EQUIPMENT GENERAL INFORMATION

District:	Northeast BC		
Facility:	MAXHAMISH		
Location /LSD:	D-036-I/094-O-14	Operating Province:	British Columbia
Equipment Name:	PARTICLE FILTER		
Equipment Status:	Operating	Orientation:	Vertical
Skid No.:		Unit:	EOG PO# 09-137

EQUIPMENT STATIC DATA

AB Registration No.:	0593296		Serial No.:	2009-8035-08	
Registration No./Other:			Equipment No.:	10938	
CRN NO.:	V-0537.213		Unique ID No.:		
National Board No.:			Oncor ID No.:	60563	
Manufacturer:	ALCO GAS & OIL		Year Built:	2010	
MAWP:	250.00 (psi)	1723.70 (Kpa)	Temperature:	200.00 (F)	93.33 (C)
Diameter.:	8.625 (In)	219.075 (mm)	Length:	44.00 (In)	1117.60 (mm)
Radiography:	RT1		Heat Treatment:	Yes	
Corrosion allowance:	0.125 (In)	3.175 (mm)	MDMT:		
Lining Or Coated:			Painted:		
Insulated:			Internally Clad:		
Hand Hole:			Support Type:		
Manway:	No		Manway Size(In):		
Capacity/Volume(m3):			Nozzle Rating:		

MATERIALS/COMPONENTS

Name	Joint Efficiency	Outside Diameter(in.)	Head Type	Material Type	Stress Value (PSI)	Nominal Thickness(In.)
SHELL	1.00	8.625		SA-106 B	17100	0.32
HEAD	1.00	8.625	Ellipsoidal	SA-350 LF2	20000	0.66

PIPING STATIC DATA

Primary Flange Rating:		ASME B16.5 - Table 2-1.1 @ 150F:	(psi)
Pressure Use For TMin:	Vess Design Press	Piping Operating Press:	250 (psi)
Stress Value:	20000 (psi)	E Value:	1.00 Joint:

SERVICE CONDITIONS

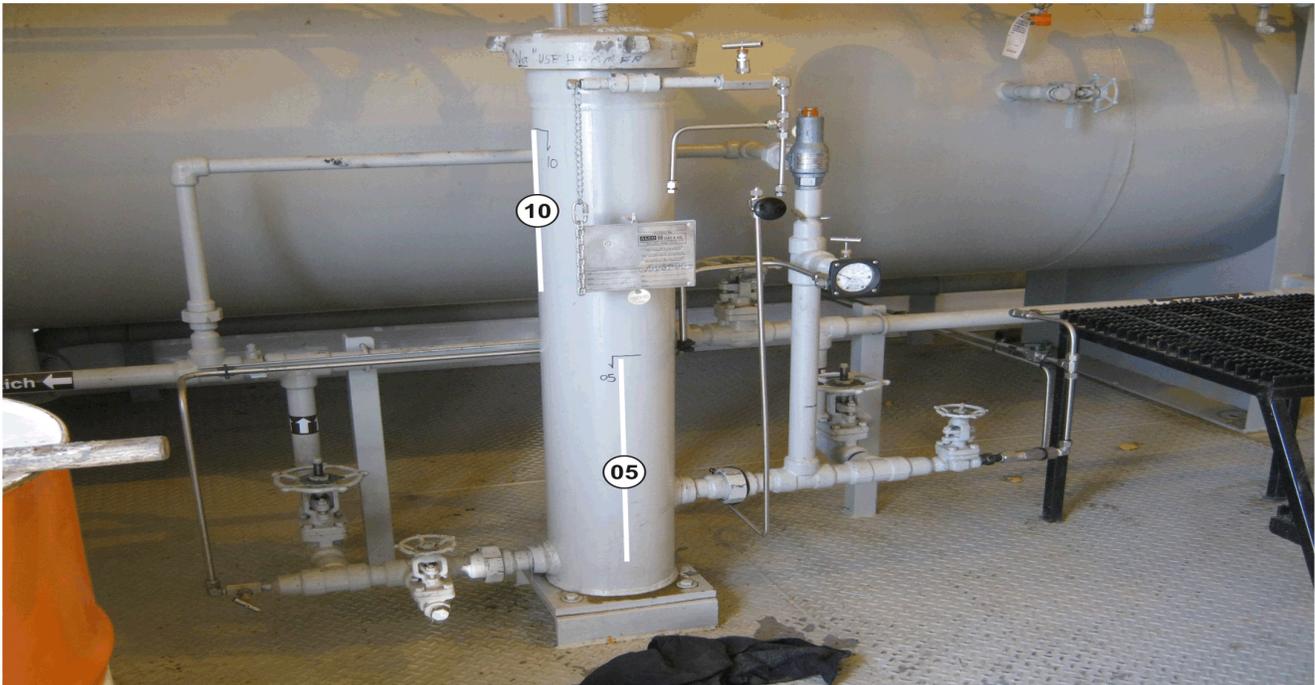
Sweet	Sour ✓	Oil	Gas	Water
Amine	LPG	Condensate	Air	Glycol

COMMENTS

RICH TEG PARTICULATE FILTER.
LOCATION TAKEN FROM U1A.
PICS: 5290-5292

EXAMINATION ILLUSTRATION

DISTRICT:	Northeast BC	FACILITY:	MAXHAMISH	LOCATION/LSD:	D-036-I/094-O-14
EQUIP NAME:	PARTICLE FILTER		PROV REG No.:	0593296	
SERIAL No.:	2009-8035-08	Equip No.:	10938	National Board No.:	



OWNER: EOG	SERIAL # 2009-8035-08	NOTES
EQUIPMENT NAME: PARTICLE FILTER	NB#	
REGISTRATION # 593296	OWNER ID	
EQUIPMENT # 10938		

ULTRASONIC CORROSION SURVEY REPORT

DISTRICT:	Northeast BC	FACILITY:	MAXHAMISH	LOCATION/LSD:	D-036-I/094-O-14
EQUIP NAME:	PARTICLE FILTER			PROV REG No.:	0593296
SERIAL No.:	2009-8035-08	Equip No.:	10938	National Board No.:	

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	4.0	0.0016	0.0016	157.1	Oct 20, 2015
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	SHELL	0.3220	0.1250	0.1970	Oct 20/11	0.319	0.325	0.063	0.0006	0.0006	427.2
10	SHELL	0.3220	0.1250	0.1970	Oct 20/11	0.314	0.325	0.063	0.0016	0.0016	157.1

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

District:	Northeast BC	Facility:	MAXHAMISH	Location/LSD:	D-036-I/094-O-14
Equipment Name:	PARTICLE FILTER			Prov Reg No. :	0593296
Serial No.:	2009-8035-08	Equip No.:	10938	National Board No.:	

EXTERNAL INSPECTION

INSPECTION DATE:	Oct 20, 2011	INSPECTION INTERVAL:	48	NEXT INSPECTION DATE:	Oct 20, 2015
ITEM	CONDITION	INSPECTION COMMENTS			
INSULATION	N/A				
EXTERNAL CONDITION	ACCEPT	IN GOOD CONDITION.			
LEAKAGE	CONCERN	LIQUID DRIPPING FROM THE TOP CAP.			
SKIRT/SADDLE	ACCEPT	IN GOOD CONDITION.			
ANCHOR BOLTS	ACCEPT	SECURE.			
CONCRETE FOUNDATION	N/A	METAL FLOOR-IN GOOD CONDITION.			
LADDER/PLATFORM	N/A				
NOZZLE	ACCEPT	IN GOOD CONDITION.			
GAUGES	ACCEPT	IN GOOD CONDITION.			
EXTERNAL PIPING	ACCEPT	WELL SUPPORTED.			
VALVING	ACCEPT	WELL SUPPORTED.			
PSV	ACCEPT	PSV SET AT 25 PSI ON 01/2010.			
NDE METHODS	ACCEPT	UT/VT.			
OTHER	N/A				

RECOMMENDATIONS:

ENSURE TOP HEAD/CAP TIGHTNESS AND SEAL.

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.

Inspector:	Justin Orichowski	ABSA PESL #:758	Signature:		Date:	Oct 20, 2011
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REPORT SIGN-OFF

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

WQS Supervisor Name:		
WQS Supervisor Title/Cert No.:		Cert No.:
WQS Supervisor Signature/Date:		Date:

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

Client Supervisor Name:		
Client Supervisor Title/Cert No.:		
Client/Supervisor Signature/Date:		Date:

PRESSURE RELIEF VALVE SUMMARY

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

Tag/Equip No.:	10938	Serial No.:	557740
Manufacturer:	MERCER	CRN No.:	OG8841.5C
Model No.:	91-17D51T03HXF	Code Stamp:	
Side (Shell or Tube):	Shell	Outlet Size:	1
Inlet Size:	1	Outlet Type / ANSI Rating:	/
Inlet Type / ANSI Rating:	/		

PSV SERVICE DATA

Set Date:	1 Jan, 2010	Service Interval:	48
Set Pressure (psig)	25	Capacity (scfm):	
Service Company:		Next Service Date:	1 Jan, 2014
Comments:	CAPACITY 17 GPM WATER.		

EQUIPMENT PROTECTED

Prov Reg No.	Equipment No.	Serial No.	Equipment Name	Status	MAWP
0593296	10938	2009-8035-08	PARTICLE FILTER	Operating	250.00

PSV SUMMARY

PSV service is past due.