

PRESSURE EQUIPMENT DATA REPORT

EQUIPMENT GENERAL INFORMATION

District:	SOUTHERN/ALBERTA		
Facility:	DRUMHELLER		
Location /LSD:	04-01-028-18W4	Operating Province:	Alberta
Equipment Name:	GAS CHILLER		
Equipment Status:	Operating	Orientation:	Horizontal
Skid No.:	Unit:		

EQUIPMENT STATIC DATA

AB Registration No.:	3027846	Serial No.:	94C-5213-04
Registration No./Other:		Equipment No.:	4785
CRN NO.:	M-6061.2	Unique ID No.:	
National Board No.:		Oncor ID No.:	34467
Manufacturer:	ALCO GAS & OIL PRODUCTION EQI		Year Built: 1994
MAWP:	250.00 (psi)	1723.70 (Kpa)	Temperature: 150.00 (F) 65.56 (C)
Diameter.:	10.750 (In)	273.050 (mm)	Length: 576.00 (In) 14630.40 (mm)
Radiography:	RT3		Heat Treatment: No
Corrosion allowance:	0.063 (In)	1.588 (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	0.85	10.750		SA-516 70	17500	0.38
HEAD	1.00	10.750	Flat	SA-516 70	17500	1.75

PIPING STATIC DATA

Primary Flange Rating:	150	ASME B16.5 - Table 2-1.1 @ 150F:	285 (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

FROZEN COULD NOT UT
REMOVABLE HEADS (10")

VISUAL INSPECTION REPORT

District:	SOUTHERN/ALBERTA	Facility:	DRUMHELLER	Location/LSD:	04-01-028-18W4
Equipment Name	GAS CHILLER			Prov Reg No. :	3027846
Serial No.:	94C-5213-04	Equip No.:	4785	National Board No.:	

EXTERNAL INSPECTION

INSPECTION DATE:	Oct 15, 2008	INSPECTION INTERVAL	48	NEXT INSPECTION DATE:	Oct 15, 2012
ITEM	CONDITION	INSPECTION COMMENTS			
INSULATION	ACCEPT	BOTTOM OF VESSEL HAS LAYER OF ICE OVER INSULATION.			
EXTERNAL CONDITION	ACCEPT	ENTIRE VESSEL COVERED IN INSULATION.			
LEAKAGE	ACCEPT	NO SIGNS OF LEAKAGE.			
SKIRT/SADDLE	CONCERN				
ANCHOR BOLTS	ACCEPT				
CONCRETE FOUNDATION	N/A	METAL FLOT			
LADDER/PLATFORM	N/A				
NOZZLE	ACCEPT				
GAUGES	ACCEPT				
EXTERNAL PIPING	ACCEPT	PIPING FROME BOTTOM OF VESSEL COVERED IN ICE.			
VALVING	ACCEPT				
PSV	ACCEPT	LAST SERVICED 10/04			
NDE METHODS	ACCEPT	VT 2008			
OTHER	N/A				

RECOMMENDATIONS:

VT ONLY - DID NOT UT :- VESSEL FROZEN

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:	Andrew Kozel	ABSA PESL #:000498	Signature:		Date:	Oct 15, 2008
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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:	SOUTHERN/ALBERTA	Facility:	DRUMHELLER	Location/LSD:	04-01-028-18W4
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PSV STATIC DATA

Tag/Equip No.:	4784	Serial No.:	94C5505
Manufacturer:	CONSOLIDATED	CRN No.:	OG0449.2
Model No.:	1997C	Code Stamp:	
Side (Shell or Tube):	Shell	Outlet Size:	2
Inlet Size:	1.5	Outlet Type / ANSI Rating:	Threaded /
Inlet Type / ANSI Rating:	Threaded /		

PSV SERVICE DATA

Set Date:	11 Jun, 2014	Service Interval:	48
Set Pressure (psig):	250	Capacity (scfm):	1938
Service Company:	KINGS	Next Service Date:	11 Jun, 2018
Comments:			

EQUIPMENT PROTECTED

Prov Reg No.	Equipment No.	Serial No.	Equipment Name	Status	MAWP
3027846	4785	94C-5213-04	GAS CHILLER	Operating	250.00
3027884	4784	94C-5213-12	2ND STG SUCTION SCRUBBER	Operating	250.00

PSV SUMMARY

PSV passes all summary checks.