

Bootis Hill Integrity Management Inc	Installation Inspection Form (Electronic)	Form No. 001
Revision # 1		Effective Date: 2013-02-18

Owner	Yoho Resources	Location	04-06-087-09W6
		Field	Worsley
Vessel Data			
Vessel Description	2 nd Stage Cooler	PWHT	NO
Manufacturer	air-x-changers	Diameter	
A# / NB#	A0530767	Length	
Serial #	054063.3D	Radiography (RT)	
CRN #	R5818.231	Corrosion Allowance	
Date Built	2005	Shell Thickness	
MAWP	1315 PSI	Shell Material	
MAWT	300 ° F	Head Thickness	
MDMT (-29C)	-20 ° F	Head Material	
PSV Data			
PSV #1		PSV #2	
PSV Location	Vessel Shell	PSV Location	
Manufacturer(s)	Farris	Manufacturer(s)	
Serial #	479796-24-KE	Serial #	
CRN #	0G0386.9C	CRN #	
Model #	27DA23-M20	Model #	
Set Pressure	1100 PSI	Set Pressure	
Capacity	2466 scfm	Capacity	
Service or Built Date	Service Company 04/06	Service or Built Date	
Service Company	King's Energy Ser. Ltd.	Service Company	
Inlet Size	1"	Inlet Size	
Outlet Size	1"	Outlet Size	
Inlet Type	Threaded	Inlet Type	
Outlet Type	Threaded	Outlet Type	
PSV Outlet Trapped	NO	PSV Outlet Trapped	
PSV Inlet Restricted	NO	PSV Inlet Restricted	
PSV Outlet Restricted	NO	PSV Outlet Restricted	
Inlet Block Valve	NO	Inlet Block Valve	
Outlet Block Valve	NO	Outlet Block Valve	
External Inspection Data			
Vessel/Skid Grounded	YES	Vessel Nameplate	2 - Used Good Condition
Vessel Level	YES	Vessel Saddle/Skirt	2 - Used Good Condition
Vessel Secured	YES	Ladder(s)	N/A - Not Applicable
Bolting per Code	YES	Temp Indicator (TI)	2 - Used Good Condition
Vessel Shell	2 - Used Good Condition	Pressure Gauge	2 - Used Good Condition
Vessel Head	2 - Used Good Condition	Valves	2 - Used Good Condition
Vessel Paint	2 - Used Good Condition	Piping	2 - Used Good Condition
Foundation	2 - Used Good Condition	Flame Arrestor	N/A - Not Applicable
Insulation/Cladding	N/A - Not Applicable	Stack	N/A - Not Applicable
Comments			
<p>External:</p> <p>The vessel is located outside a building. The nameplate is legible and secure. The vessel is identified by an A-number stamped on the shell and a serial number stamped on the nameplate. The heads, shell, nozzles, and bolting appear in good condition. There is no damage or distortion evident. There appears to be no stress to piping or to nozzle connections. The vessel is supported by a structure and is bolted to skid. The skid is welded to pilings and there is minimal risk of shifting. The vessel is fully painted and the paint has not deteriorated. There is no external corrosion or pitting. The vessel does not have structural attachments. The vessel is considered fit for continued service under present conditions.</p> <p>Piping:</p> <p>The associated piping appears in generally good condition. There is no damage or distortion on piping. The piping is</p>			

All completed inspection forms go to djtrudeau@shaw.ca

All Forms are un-controlled when printed

Bootis Hill Integrity Management Inc	Installation Inspection Form (Electronic)	Form No. 001
Revision # 1		Effective Date: 2013-02-18

supported adequately by clamps. The primary piping is mainly threaded. The piping is fully painted and the paint is in good condition. There is no external corrosion or pitting on piping.

PSV:

PSV was located on vessel piping and is in the vertical plane. PSV verified set at or below the MAWP of vessel. PSV does require calibration as per AB-506. Seal wires intact and secure, valve well supported with no body damaged noted. Service report has not been reviewed. No valves in the critical path. No internal inspection of the valve was completed. PSV condition unsatisfactory and is not considered fit for continued service under present conditions. PSV must be serviced prior to being returned to service.

Fit for Service	NO	
In Service	NO	
Inspection Interval	Other	
Inspection Type	UT Other	
Inspector	Bob Stanhope	Date July 10, 2013
Reviewer	Denis Trudeau	Date July 26, 2013



16 8004000001
COIL

CERTIFIED BY
ahr-x-changers
a Harisco company

MAX. DESIGN PRESS.		P.S.I.	⊕	300	°F
MAX. DESIGN PRESS.		P.S.I.	⊕		°F
MIN. DESIGN METAL TEMP.		°F	⊕	150	P.S.I.

NB 48517

CERTIFIED BY
air-x-changers

TULSA, OKLAHOMA U.S.A.

a harsco company

MAX. DESIGN PRESS. 1315

P.S.I. @ 300 °F

MAX. DESIGN PRESS.

P.S.I. @ °F

MIN. DESIGN METAL TEMP. -20 °F

@ 1315 P.S.I.

SER. NO. 054063.3D

CRN. R5818.213

YEAR 2005 HYDRO. 1710

ITEM AC



FARRIS ENGINEERING
DIV. OF CURTISS - WRIGHT F.C.C.
BRECKSVILLE, OHIO USA

TYPE 27DA23-M20 4/05

SIZE AND ORIFICE .15 D-1

SET PRESS 1000 PSIG

BACK PRESS 0 PSIG

COLD DIFF TEST PRESS 1000 PSIG

CAPACITY AT 10% OVER PRESS 2242 SCFM

SERIAL 479796-24-KE 379893-6

TAG

CRN 0 G0386.90

26906K12

ASM BY FARRIS PRESS MGMT CANADA

UV

NB