

INSPECTION REPORT

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Job No: KG-11794 Report No: R01 Date of Report: 05-Mar-2019

SUMMARY REPORT

CUSTOMER DATA				KILLICKDATA	
Name:					
Address:					
Attn:					
E-Mail :					
Copies to:					
SUPPLIER/SUB-SUPPLIER DATA				INSPECTION INFORMATION	
Inspection Performed: <input type="checkbox"/> With Customer Supplier <input checked="" type="checkbox"/> With Sub-Supplier				Date(s) of Visit(s): 04-Mar-2019	
P.O. No: 8401358236		Change No: N/A	Requisition No: N/A		
Supplier: Majus		Date of Previous Visit: N/A			Date of Next Scheduled Visit: To be determined
Supplier Job No: N/A		P. O. Status: <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Incomplete			Project Name: 22059-HOWHOT
Location: Lloydminster, AB		Materials/Items Inspected: Oil Heater AKL 1404 G / BU-700 Exchanger Unit / BU-700 Pump Skid Package / BU-600 & Ship Loose items			
Primary Contact:		Phone:			E-mail : N/A
Sub-supplier: N/A		Fabrication Progress % vs schedule 100%			
Sub-Supplier Job No: N/A		Engineering Status 100%			
Location: N/A		Delivery Status – Estimated Date Date to be determined			
Primary Contact: N/A		Pre-Inspection Meeting Summary Attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Phone:		Summary Report Attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
INSPECTION DISPOSITION: <input checked="" type="checkbox"/> Accept <input type="checkbox"/> Nonconformance(s) Identified <input type="checkbox"/> Placed on Hold <input type="checkbox"/> Other (Explain)					
INSPECTION SUMMARY AND CONCLUSION:				Package Building (BU-700), see photos below.	
RECOMMENDED ACTION:		Projects to review the Pump Skid Package Building (BU-700) for damage concerns, acceptance or path forward if required, see photos.			

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Action Item #	Description	Action by	Date Open	Date Closed
1	No action items noted.			
2				
3				

INSPECTION
TIME : DAYS
 HOURS

4

TRAVEL
HOURS :

2

DISTANCE:
 MI KM

178

Technical Specialist:

Date:

05-Mar-19

Project Coordinator :

1.0 ATTENDEES

NAME	COMPANY REPRESENTED	TITLE

2.0 MATERIALS

2.1 GENERIC MATERIALS

TAG / EQPT NO.	DESCRIPTION
N/A	N/A

2.2 MATERIALS INSPECTED

PO/MR ITEM NO.	TAG / SERIAL NO.	PRODUCT / MATERIAL / ITEM NAME	ORDERED QUANTITY	PRESENTED THIS VISIT	ACCEPTED THIS VISIT	QUANTITY ACCEPTED TO DATE
	AKL 1404 G RP / BU-700	Oil Heater Unit (# 1)	1			

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	BU-700	Heat Exchanger Unit (#2)	1			
	BU-600	Pump Skid Package (#3)	1			
		Ship Loose items				

3.0 DOCUMENTS USED

DOCUMENT NO.	REVISION	TITLE	APPROVAL STATUS
Reports # 2 thru 6		Intertek Inspection reports (for reference only) AuraOil Piping drawings (as supplied)	

4.0 SCOPE OF INSPECTION

ITP LINE NO.	ITP ACTIVITY DESCRIPTION	ITEMS	RESULTS	CLAUSE
	N/A			

5.0 EQUIPMENT AND INSTRUMENTATION USED (TO BE SUPPLIED BY SUPPLIER)

EQUIPMENT / INSTRUMENT DESCRIPTION	SERIAL NO	CALIBRATION CERT. NO.	CALIBRATION DATE

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6.0 INSPECTION DETAILS

6.1	
6.2	
6.3	<p>The Pump Skid Building doors were locked with no access to the inside. As set in the yard, the north end of Pump Skid Package building was noted to have the cladding pulled away from the skid base drip edge flashing (aprox 10mm gap remains) with caulking clearly separated from the flashing, see photos. No visible external skid paint damage was noted at time of inspection. Visual inspection completed on external of building only, no damage was noted to doors or windows.</p>
6.4	<p>The Heat Exchanger Unit (BU-700) has been set in the yard with no access to the inside. Temporary shipping covers on the external cladding have been installed and will need to be removed at site, see photos.</p>
6.5	<p>The Oil Heater Unit (BU-700) visual inspection was completed on the external side, no major concerns were noted.</p> <p>The accessible external Oil Heater wall panels were removed for access to the inside.</p> <p>All electrical motors and switch nameplates c/w CSA certifications.</p> <p>Piping nameplates c/w CRN #.</p> <p>Valves on internal Oil Heater piping include locks & c/w 2 keys.</p> <p>All gauge face covers checked with no cracks or defects found.</p> <p>Regulators in Oil Heater Building c/w tags.</p> <p>Some of the cladding joints were noted as having excessive gaps which were partially covered, see attached photos.</p> <p>Burner unit c/w CRN # and U stamp on nameplate.</p> <p>The ship loose items were on pallets partially covered in snow, no visual damage was noted.</p> <p>The stack also c/w a piece number tag.</p>
6.6	<p>-Units appear complete with no equipment missing – Yes, all units appear to be complete.</p> <p>-Check for shipping damage. The corners of the Pump Skid Package building “north end” was noted by Husky (Mike Salzi) and writer confirmed to have sustained some damage presumably at time of off loading, see photos below.</p> <p>-PSV's - check rating against P&ID, not verified.</p> <p>-CSA labels on electrical equipment and panels have been included.</p> <p>-CRN's on pressure equipment included.</p> <p>-Tagging included on valves / instruments / panels with no concerns noted.</p> <p>- Vessel nameplate photos attached.</p> <p>-Ship-loose c/w item number tags installed.</p> <p>-No Mud-books supplied.</p> <p>-No obvious spec violations were noted at time of inspection.</p> <p>See additional attached e-mail file photos.</p>

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7.0 NON-CONFORMANCES

No NCRs issued during this period.

8.0 ATTACHMENTS TO THIS REPORT

Photos

9.0 PHOTOGRAPHS



Picture 1

Pump Skid Package (BU-600) / Heat Exchanger (BU-700) / Oil Heater Unit (BU-700) and ship loose items



Picture 2

Pump Skid Package (BU-600) no major concerns were noted at time of inspection visit.

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Picture 3

Pump Skid Package (BU-600) base of building drip edge flashing has separated from the wall cladding, see photo right.



Picture 4

Pump Skid Package (BU-600) a 10mm gap on each corner was noted, see below.



Picture 5

Pump Skid Package (BU-600) 10mm gap noted.



Picture 6

Pump Skid Package (BU-600)

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Picture 7

Pump Skid Package (BU-600) doors were locked with no access to the building interior.



Picture 8

Pump Skid Package (BU-600) no concerns noted at time of external building walkdown.



Picture 9

Oil Heater Unit (BU-700) no major concerns noted at time of external building walkdown.



Picture 10

Oil Heater Unit (BU-700) all reachable removable panels were removed and reinstalled after the internal inspection was completed.

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Picture 11
Oil Heater Unit (BU-700) no concerns noted with the removable panels when removed and reinstalled.



Picture 12
Oil Heater Unit (BU-700) 1 area of flashing was noted as being separated.



Picture 13
Oil Heater Unit (BU-700)



Picture 14
Oil Heater Unit (BU-700)

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Picture 15

Oil Heater Unit (BU-700) no concerns noted at time of internal inspection.



Picture 16

Oil Heater Unit (BU-700) ship loose items on pallets. See attached file photos.

END OF THIS REPORT