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Grande Prairie, AB
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Informational Visual Inspection Report

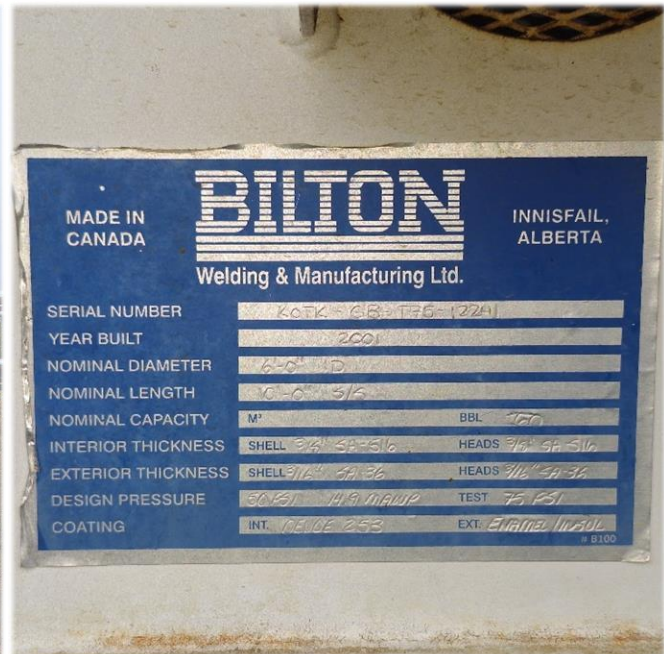
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SN-KOTK-GB-T75-12241_oct2025

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Client: Fuelled	Facility: CNRL Wapiti Field	Date: Oct. 1, 2025
LSD: 03-26-66-07W6M (CNRL)	Equipment Inspected: FKOD SN: KOTK-GB-T75-12241	LII Job #: 13788

Job Scope: To perform external and internal informational visual inspections on a horizontal Flare Knockout Drum, SN: KOTK-GB-T75-12241. This FKOD is out of service and currently located at the CNRL 03-26-66-07W6M location.

FKOD Skid Overview and Data Plate



Informational Results Summary:

- **VE:** An informational external visual inspection was performed on all accessible external components. There were no external concerns identified during inspection. See the attached pages of this report for more detailed results and inspection photos.
- **VI:** An informational internal visual inspection was not performed as the manway was not opened at the time of inspection.
- **UT:** A UT baseline survey was conducted on the FKOD shell, heads, nozzles and external piping. No concerns identified during UT inspection. See Lance Inspections UTS report ([UT_SN KOTK-GB-T75-12241_oct2025](#)) for CML locations and thickness results.

Technician: Dave Ellis (API 510 #118975) (CGSB UT-2, MT-2, PT-2 #21762) (SNT-TC-1A UT-II, MT-II, PT-II)	
Assistant: Karsyn Utz	
Client Representative: Will Van Weelden (Fuelled)	



Visual Inspection Information – Flare Knockout Drum SN: KOTK-GB-T75-12241)

Note: This FKOD was out of service at the time of inspection.

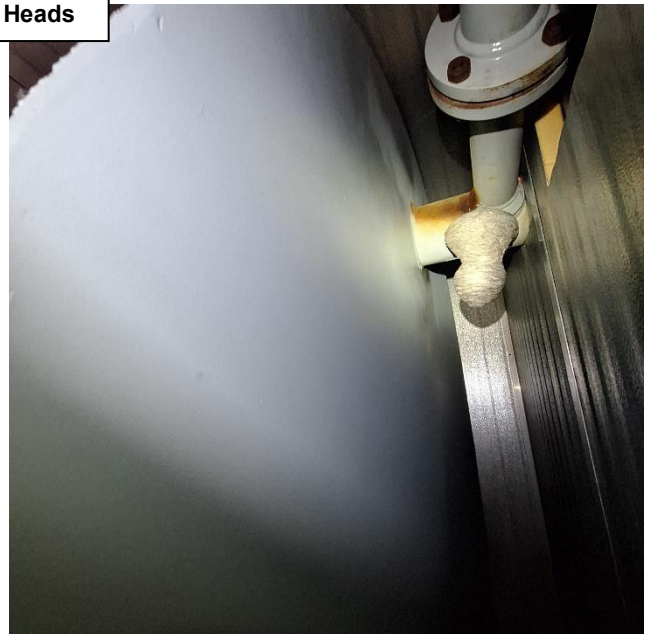
- **Nameplate:** Sticker nameplate is firmly fastened and legible.
- **Foundation/Support:** This FKOD is supported by two saddle supports welded to the skid floor. No visible signs of damage. According to the nameplate data this FKOD is a double walled tank.
- **External Surface:** This FKOD is carbon steel, painted, and uninsulated. No visible signs of damage.
- **Insulation:** This FKOD is uninsulated and inside of a utilidor building. There are gaps in the silicone seals where the piping protrudes through the ceiling.
- **Ladder/Platform:** There is no ladder or platform associated with this FKOD.
- **External Piping:** All visible external piping is uninsulated and painted. All piping appears to be properly supported with no visible signs of damage.
- **Nozzles:** No visible signs of damage or deflection. All nozzles have a 150# flange rating.
- **Manway:** This FKOD has a 20" manway with no notable external deficiencies.
- **Overpressure Protection:** There is no PSV associated with this FKOD.
- **External Components:** This FKOD has two Catadyne heaters, one sight glass, one air quality monitoring system, and a truck out box installed. The bottom of the truck out box is corroded. There is also an attachment on the top 4" nozzle that extends approximately 8' above the roof.
- **Internal Components:** The manway of this FKOD was not open at the time of inspection.
- **Comments:** According to the data plate, this FKOD has an interior shell with a nominal thickness of 9.5mm and an exterior shell with a nominal thickness of 4.8mm. With the UT performed from the exterior shell and the manway not opened for internal visual access, this informational assessment was only performed externally on the secondary containment.

Visual Inspection Photos – Flare Knockout Drum SN: KOTK-GB-T75-12241

Vessel Overviews

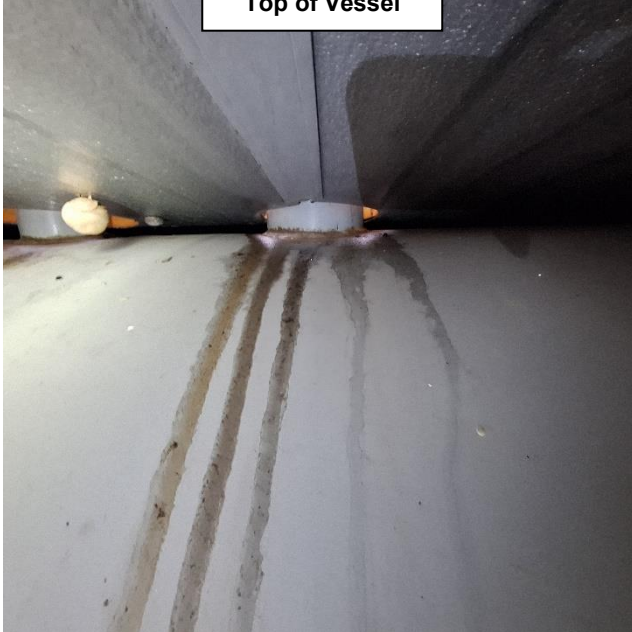


Vessel Heads



Visual Inspection Photos – Flare Knockout Drum SN: KOTK-GB-T75-12241

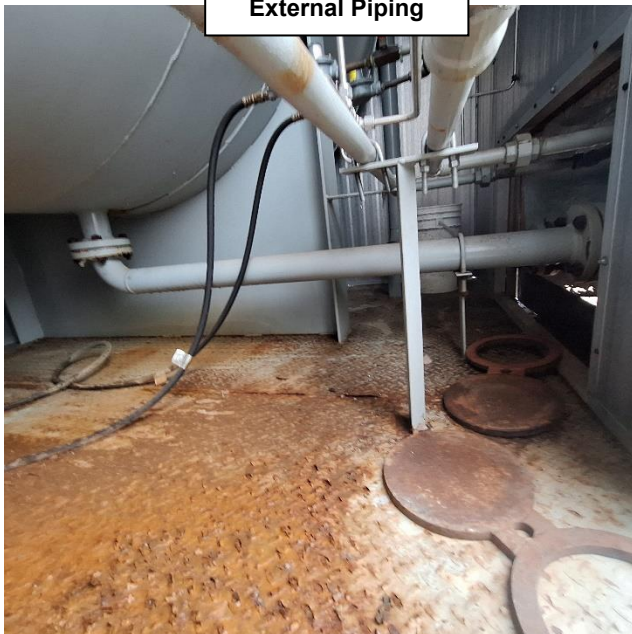
Top of Vessel



Vessel Support



External Piping



Sight Glass

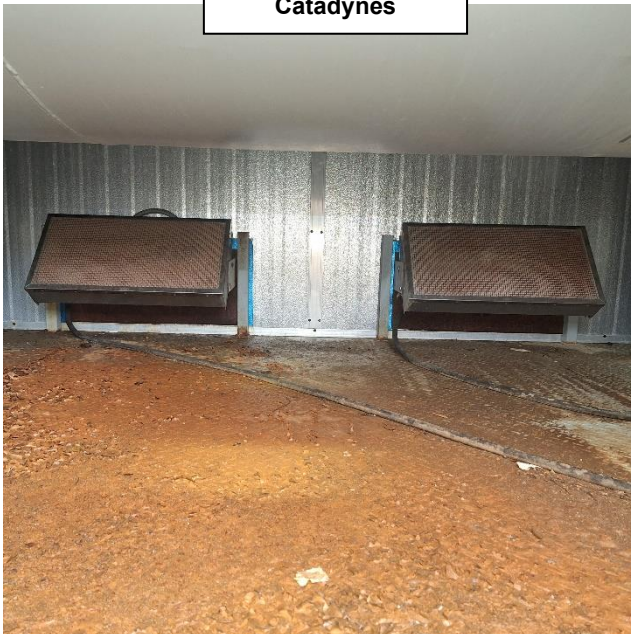


Visual Inspection Photos – Flare Knockout Drum SN: KOTK-GB-T75-12241

Air Quality/Temp. Monitoring



Catadynes

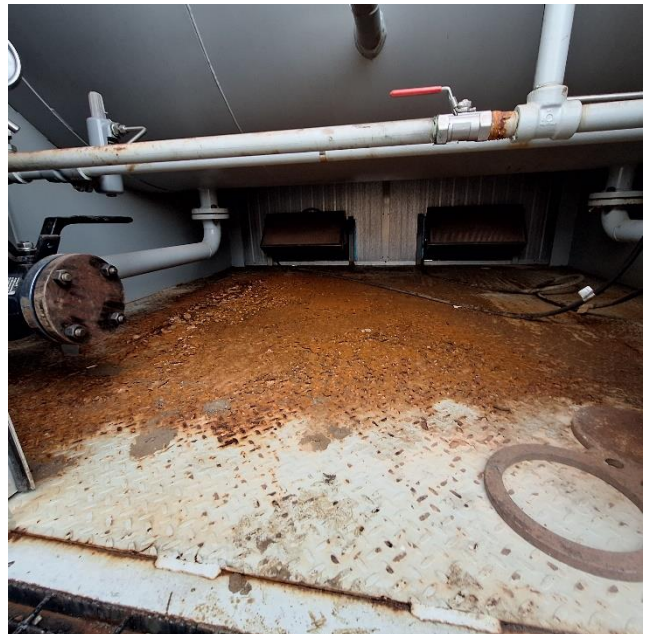


Gauge Board



Visual Inspection Photos – Flare Knockout Drum SN: KOTK-GB-T75-12241

Truck Out Box



Visual Inspection Photos (Site/Building/Dimensions) – Flare Knockout Drum SN: KOTK-GB-T75-12241

Lease Sign (Current Location)



Access Road into Site



Access to FKOD



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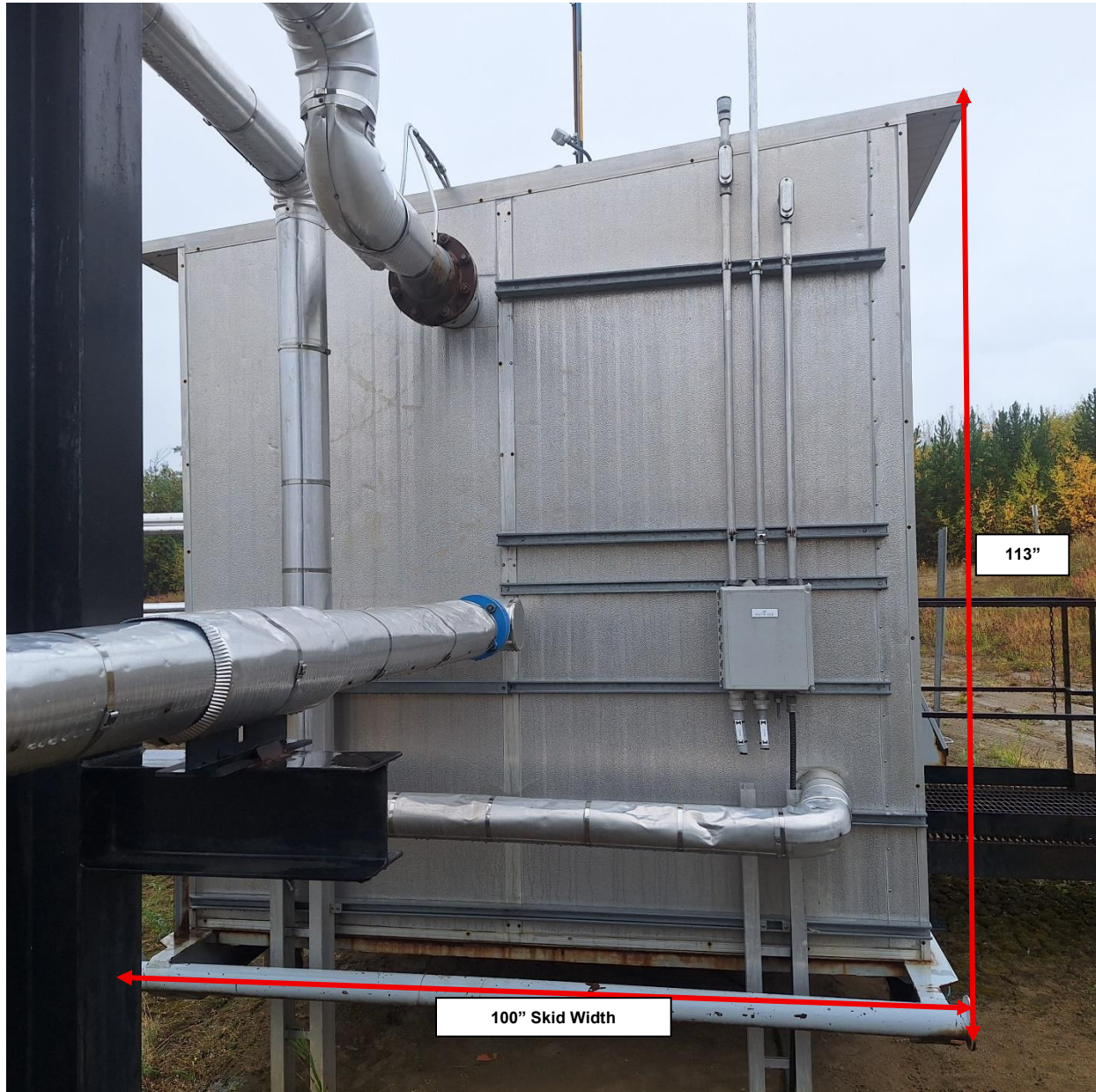


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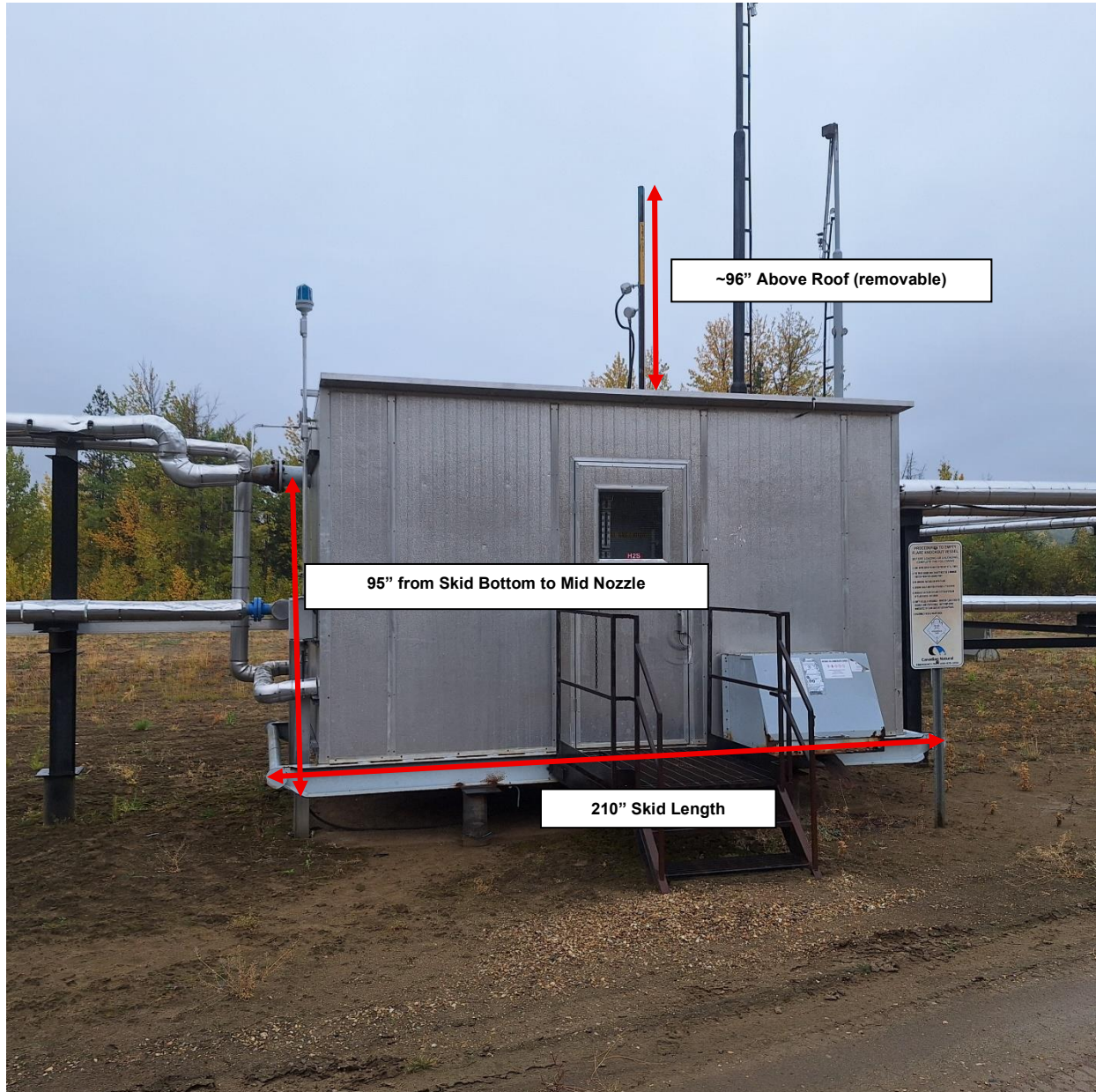
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Visual Inspection Photos (Site/Building/Dimensions) – Flare Knockout Drum SN: KOTK-GB-T75-12241



Visual Inspection Photos (Site/Building/Dimensions) – Flare Knockout Drum SN: KOTK-GB-T75-12241



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Flare Knockout Drum SN: KOTK-GB-T75-12241 Nameplate

MADE IN CANADA		BILTON		INNISFAIL, ALBERTA	
Welding & Manufacturing Ltd.					
SERIAL NUMBER	KOTK - GB - T75 - 12241				
YEAR BUILT	2001				
NOMINAL DIAMETER	6'-0" ID				
NOMINAL LENGTH	10'-0" S/S				
NOMINAL CAPACITY	M ³	BBL		50	
INTERIOR THICKNESS	SHELL 3/16" SA-516		HEADS 3/8" SA-516		
EXTERIOR THICKNESS	SHELL 3/16" SA-36		HEADS 3/16" SA-36		
DESIGN PRESSURE	50 PSI 14.9 MAWP		TEST 75 PSI		
COATING	INT. DELOE 253		EXT. ENAMEL INSUL		
# B100					