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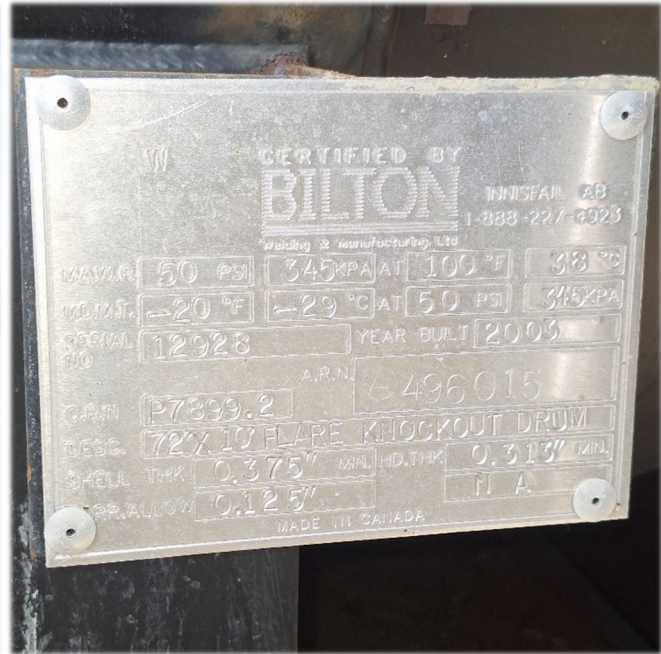
**Informational Visual Inspection
Report**
**Informational Visual
Inspection_A0496015 FKOD_aug2025**

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Client: Fuelled	Facility: CNRL Wapiti Field	Date: August 11, 2025
LSD: 10-07-68-09W6M (CNRL)	Equipment Inspected: A0496015 Flare Knockout Drum	LII Job #: 13720

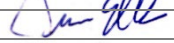
Job Scope: To perform external and internal informational visual inspections on a horizontal Flare Knockout Drum, A#0496015. This FKOD is out of service and currently located at the CNRL 10-07-068-09W6M Wapiti location.

A0496015 FKOD Skid Overview and Vessel 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 performed from the opened manway. There was limited visual access to the bottom portion of the vessel due to scale and rust buildup. There were no visible internal concerns identified during inspection. See the attached pages of this report for more detailed results and inspection photos.
- **UT:** A UT baseline survey was conducted on the vessel shell, heads, nozzles and external piping. No critical concerns identified during UT inspection. See Lance Inspections UTS report (**UT_A0496015_aug2025**) 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)	
Client Representative: Will Van Weelden (Fuelled)	



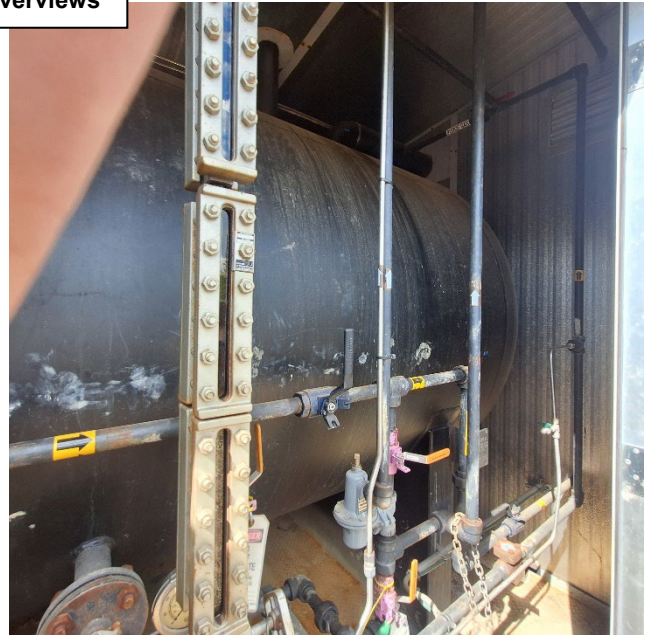
Visual Inspection Information – Flare Knockout Drum (A0496015)

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

- **Nameplate:** Firmly fastened and legible.
- **Foundation/Support:** This vessel is supported by two saddle supports welded to the skid floor. No visible signs of damage.
- **External Surface:** This vessel is carbon steel, painted, and uninsulated. No visible signs of damage.
- **Insulation:** This vessel is uninsulated and inside of a utilidor building. The building appears well sealed with no visible signs of damage.
- **Ladder/Platform:** There is one ladder to the level gauge on the roof of the building. No visible signs of damage or hazards associated with the ladder, cage, or walkway.
- **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.
- **Manway:** This vessel has a 24" manway with no notable external deficiencies.
- **Overpressure Protection:** There was on attached PSV associated with this vessel. The set pressure is at or below the vessel MAWP of 50 PSI. The last known service date is August 11, 2009, by Ideal Precision Valve Ltd.
- **External Components:** This FKOD has two Catadyne heaters, one sight glass and one air quality monitoring system installed. Neither were functioning at the time of inspection but appear to be intact.
- **Internal Components:** This vessel is not internally coated. Surface corrosion and scale buildup noted in the bottom portion of the vessel. No visible signs of damage to the internal surfaces of the shell and heads.

Visual Inspection Photos (External) – Flare Knockout Drum (A0496015)

Vessel Overviews



Vessel Heads



Visual Inspection Photos (External) – Flare Knockout Drum (A0496015)

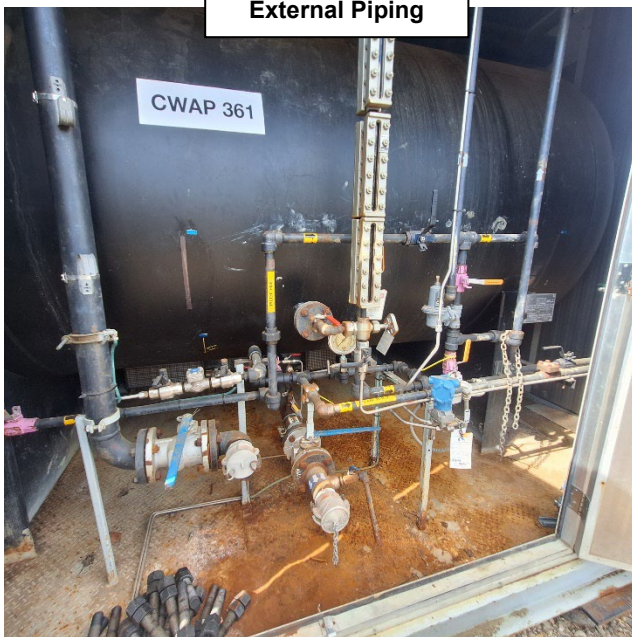
Top of Vessel



Vessel Support



External Piping



Sight Glass

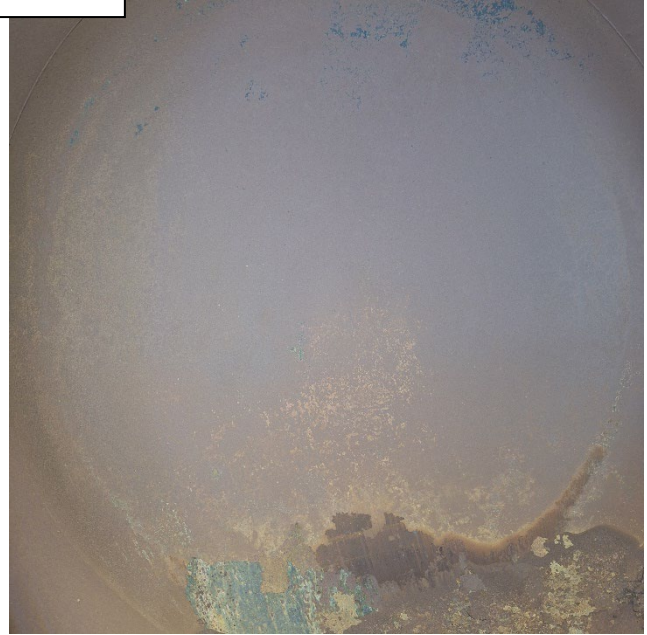
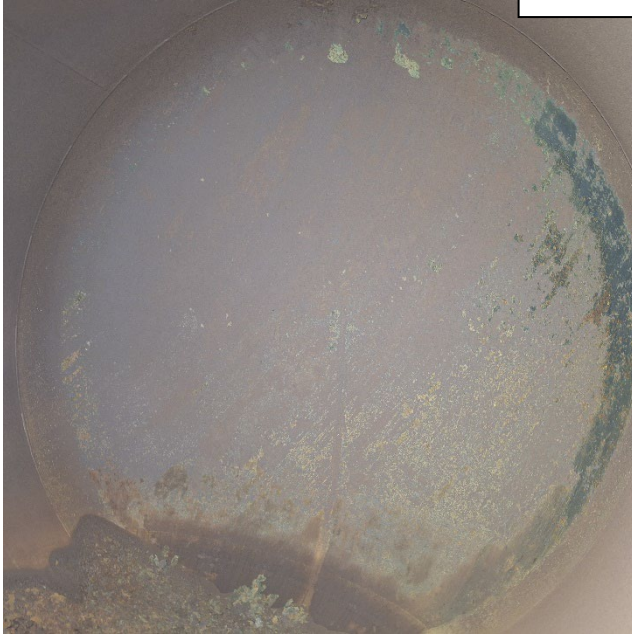


Visual Inspection Photos (Manway) – Flare Knockout Drum (A0496015)



Visual Inspection Photos (Internal from Manway) – Flare Knockout Drum (A0496015)

Vessel Heads

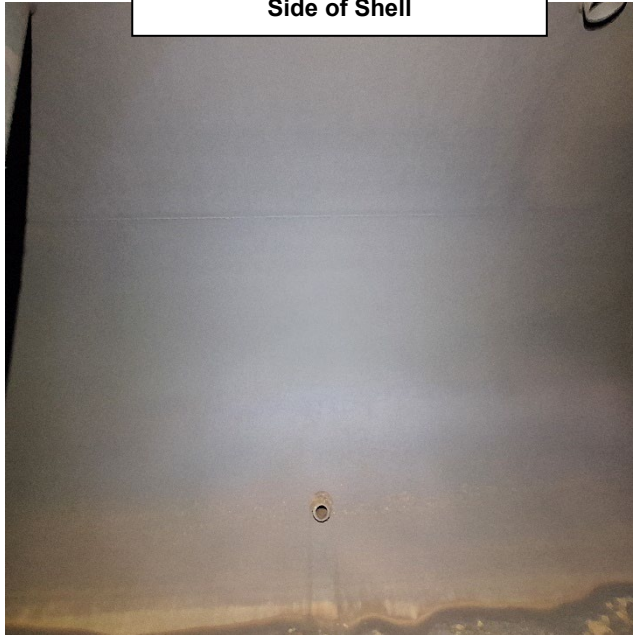


Bottom of Shell

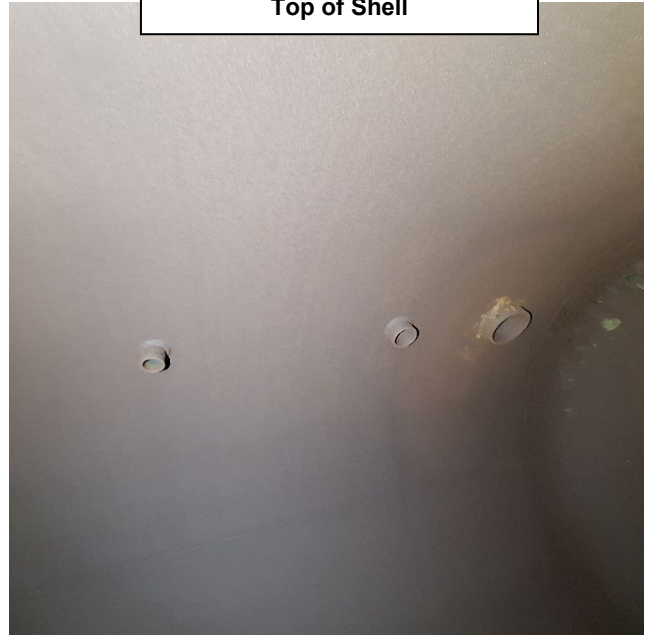


Visual Inspection Photos (Internal from Manway) – Flare Knockout Drum (A0496015)

Side of Shell



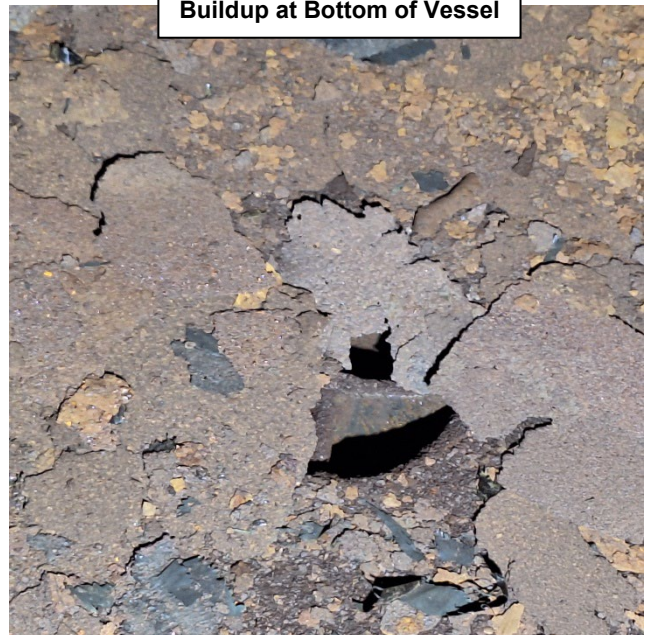
Top of Shell



Level Gauge Piping



Buildup at Bottom of Vessel

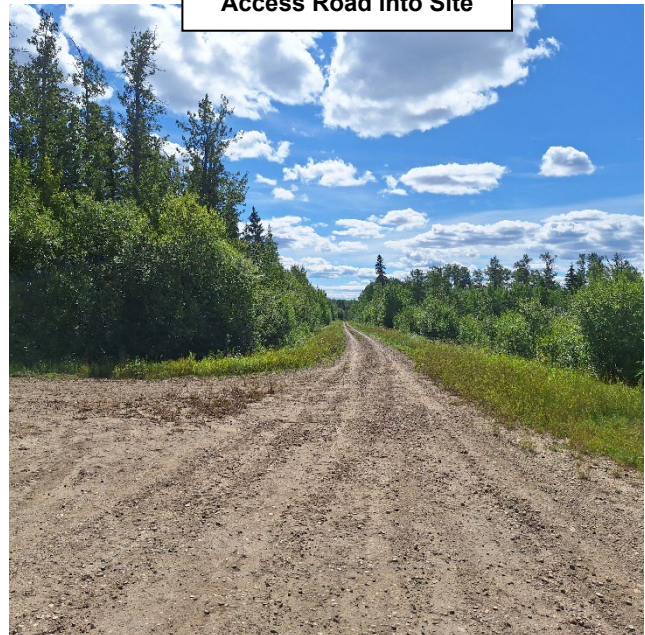


Visual Inspection Photos (Site/Building/Dimensions) – Flare Knockout Drum (A0496015)

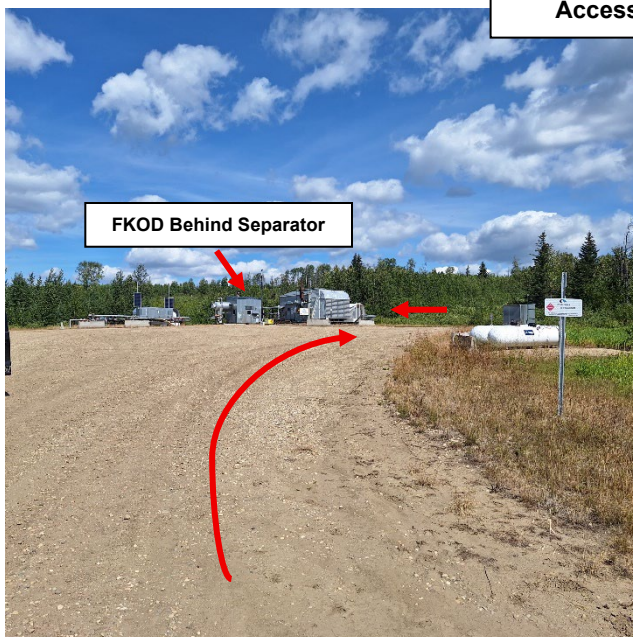
Lease Sign (Current Location)



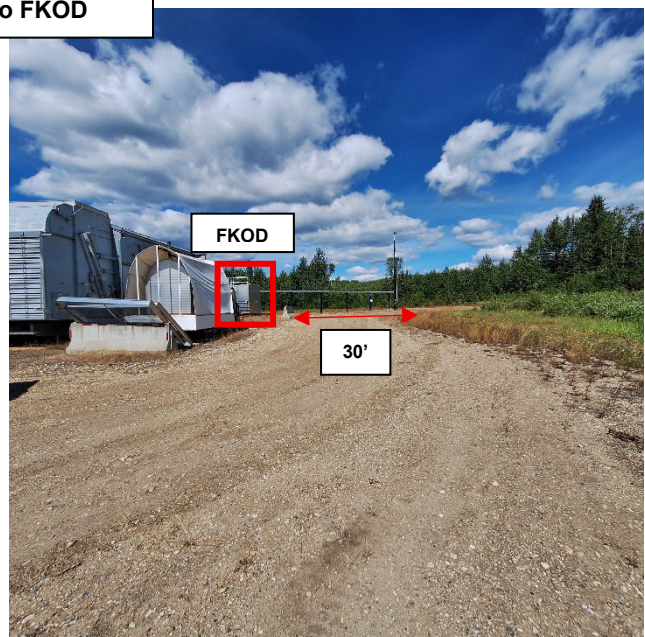
Access Road into Site



Access to FKOD



FKOD Behind Separator



FKOD

30'

Visual Inspection Photos (Site/Building/Dimensions) – Flare Knockout Drum (A0496015)



Visual Inspection Photos (Site/Building/Dimensions) – Flare Knockout Drum (A0496015)

