GENERAL INSPECTION FORM												
Company Name: F	uelled Famil	y of Companies		Inspection Date: September 17th, 2025								
Facility: N/A				Location (LSD): CNRL FSJ Meek's Boneyard								
Vessel Name & Equ	uipment Nun	nber: Flare Kno	ockout Drum									
Orientation: Horizo	ontal 🗹 o	r Vertical 🗆	1	Status: operating □ or shut –in ☑								
External Inspection	ı 🗹			Commissioning Inspection □ or Corporate Inspection ☑								
			ODE VESSEL	NAMEPLATE DATA								
"A" or BC Registrati	ion Number:	N/A		Company Tag	# (if applic	able):						
CRN Number: N/A				Associated PSV		• •	*					
Vessel serial number				Size (diameter S/S (Approx.)				OD x 20'0"				
Shell thickness: 0.37	`	,		Shell material:		`						
Head thickness: 0.37	`	.)		Head material:	SA-516-70	(ASSU	JMED)					
Tube wall thickness: Tube diameter:				Tube material:								
Channel thickness:				Tube length: Channel materi	ial.							
Chamilei unickness.	Shell: Atm	ospheric		Chainlei mater	141.							
MAWP		ospiici ic		Operating press	sure	Shell:						
	Tubes:					Tubes:						
Design Temp.	Shell:			Operating temp	Shell:							
	Tubes:					Tubes:						
Radiography:				Heat treatment: Yes □ No ☑								
Code parameters: No	on-code			Joint efficiency	(if on nan	neplate)	:					
Manufacturer: TOR		INOLOGIES IN	C.	Year built: N/A								
Corrosion allowance	:: N/A			Manway: Yes ☑ Size: 20" (Estimated) No □								
	r -	SAFI	ETY VALVE NA	AMEPLATE DA	TA							
Location	Set Pressure	Mode	I / Serial #	Capacity (ie:SCFM/ GPM,etc)	Size (In Outle		Manufactu rer	Set Date (dd/mm/yyyy)				
			Atmospheric No	on-code Vessel								
		SERVICE CO	NDTIONS-IND	DICATE ALL T	HAT APP	LY						
Sweet 🗹	Sour	\square	Oil			Gas		Water ☑				
Amine ☐ LPG ☐ Condensate						Air		Glycol 🗆				
Other (Describe):												

Date: September 17th, 2025

External Inspection Items	G	F	P	N/A	Comments
Insulation Verify sealed around manways, nozzles, no damage present, and there is no egress of moisture. Are straps secure?				✓	Vessel was not insulated.
External Condition Assess paint condition, areas peeling, record any corrosion, damage, distortion etc (record location, size and depth of corrosion or damage)	~				Paint was in good condition. No signs of external corrosion, damage or distortion.
Leakage Record any leakage at flanges, threaded joints, weep holes on repads, etc.				✓	No leaks noted.
Skirt/ Saddle Assess condition of paint, fire protection, concrete. Look for corrosion, buckling, dents, etc. Look at vessel surface area near supports. Verify no signs of leakage at attachment to vessel and attachment welds are acceptable. Is ground wire attached?	~				The vessel supported by saddles welded to the vessel shell and welded to the floor. No signs of corrosion, buckling or dents. All attachment welds appeared to be in good condition, no leaks. Minor spalling of the concrete pedestal noted.
Anchor Bolts Hammer tap to ensure secure. Look for corrosion, cracking in threads or signs of deformation.				✓	N/A. Welded to the floor.
Foundation Check for type, settlement, grounding, etc.				~	The vessel was on the skid at the time of inspection at Boneyard.
Ladder / Platform Describe general condition, ensure support is secure to vessel, describe any hazards.	✓				Access stair to the floor of the vessel found to be in good condition.
Nozzle Assess paint, look for leakage, and ensure stud threads are fully engaged. Record any damage, deflection, etc. Are nozzles gusseted? Inspect gussets for cracking.	~				All nozzles appeared to be in good condition. At the time of inspection, the nozzles were opened at the ends.
Gauges Ensure gauges are visible, working, no leakage, and suitable for range of MAWP/ Temp.	✓				The level gauge on the bridle side found to be in good condition.
External Piping: Ensure pipe is well supported. All clamps, supports, shoes, etc. in place. Look for evidence of structural overload, deflection, etc. Paint condition, external corrosion?				✓	Piping not installed in place at the time of inspection.
Valving: Ensure no leaks are visible. Valves are properly supported and chained if necessary.				✓	N/A
	YE	\mathbf{s}	NO	N/A	
PSV Ensure PSV is set at pressure at or below that of vessel. Discharge piping is same size as valve outlet and is properly supported and routed. Are psv seals in place? Ensure no block valves between psv and vessel, or if there are that they are locked/sealed open.				~	No over-pressure protection device installed at the time of inspection.
NDE methods: was UT/ MPI done on vessel	~				Ultrasonic inspection completed at time of inspection. Note: see separate report for U/T results
Fit For Service Inspection did not identify any NCR's? The equipment does not require any repairs? The equipment is safe to operate? Other Observations:				✓	Overall the vessel was found to be in good condition. Vessel structure found to be fit for the service. Piping and Instrumentation work to be completed prior to placing the vessel in the service.

Other Observations:

The vessel internal condition inspected from outside of the manway. The internal coating and welds found to be in good condition on the basis of limited/restricted access and inspection. Overall, the vessel was found to be in good condition. Vessel structure found to be fit for the service. Piping and Instrumentation work to be completed prior to placing the vessel in the service.

Inspected By: Nirmal Neupane, API 510 Certification # 118570 **Date:** September 17th, 2025

Picture 1: Picture 2: Outlet Nozzle 10.75" OD Centre @ 102.875" ~ 103" from the Beam Bottom. Per Reulas OF RADE ENTRY CONTACT ERROL 250-262-7860 MOST OF BERGERIC PR. 1-88-573-7100 MOST OF BERGERIC PR. 1-88-573-7100





Picture 4:



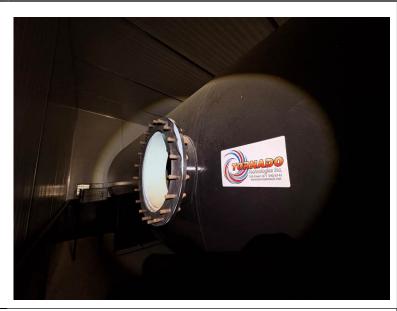
EQUIPMENT EXTERNAL PICTURES: Page 4

Picture 5:









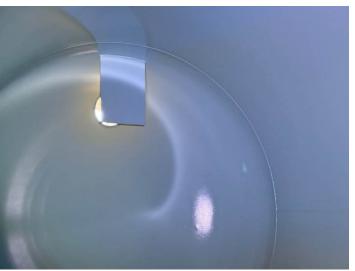
Picture 7:



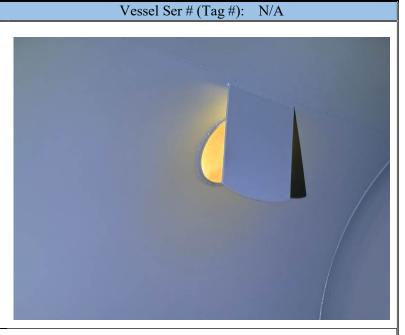
Picture 8:



EQUIPMENT INTERNAL PICTURES: Page 5 Picture 9:



Picture 10: Outlet Side



Picture 11:
Bottom
Head &
Shell
(Product
Residue)

Inlet Side



Picture 12: Bottom Shell & Nozzles



Fuelled Family of Companies

File Name: Flare Knockout Drum

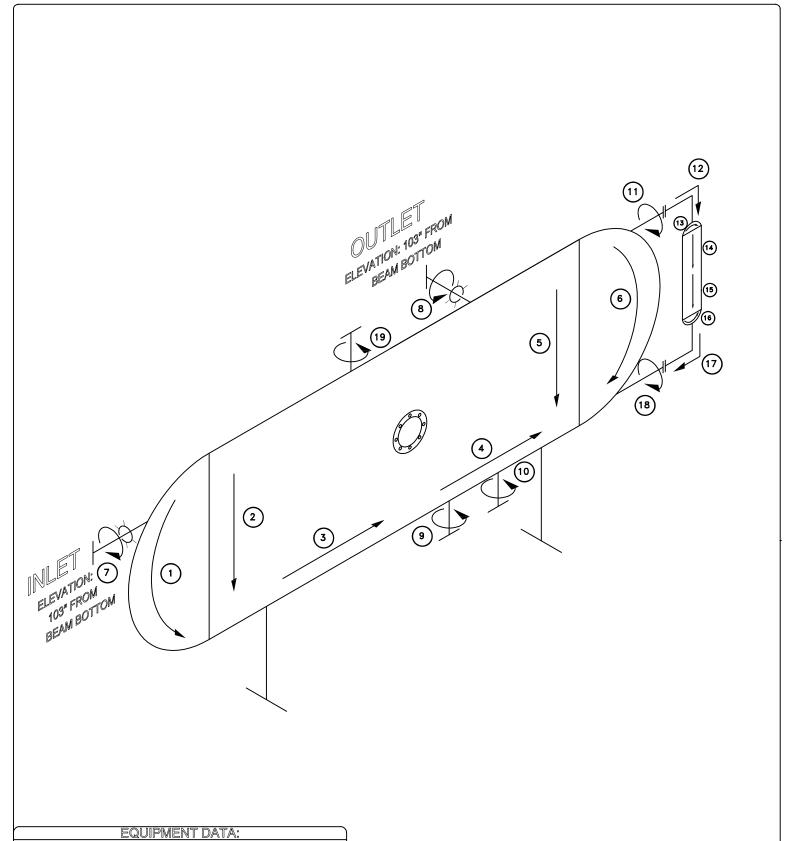
Description: FKOD

Probe: 7.5 MHz FH2E
Instrument: DMS Go
Units: INCH

Thickness Data

Band #'s	Size	Size Sch Nom. Sept. 17th, 2025		T _{min}	% Below Nom.	Change from last survey					
Flare Knockout Drum											
Band #1	HEAD		0.375	0.369		0.369	1.6	N/A			
Band #2	SHELL		0.375	0.380		0.380	N/A	N/A			
Band #3	BOTTOM SHELL		0.375	0.387		0.387	N/A	N/A			
Band #4	BOTTOM SHELL		0.375	0.382		0.382	N/A	N/A			
Band #5	SHELL		0.375	0.383		0.383	N/A	N/A			
Band #6	HEAD		0.375	0.369		0.369	1.6	N/A			
Band #7	10" INLET NOZZLE CIRC.	40	0.365	0.354		0.354	3.0	N/A			
Band #8	10" OUTLET NOZZLE CIRC.	40	0.365	0.356		0.356	2.5	N/A			
Band #9	3" BOTTOM NOZZLE CIRC.	STD	0.216	0.213		0.213	1.4	N/A			
Band #10	3" BOTTOM NOZZLE CIRC.	STD	0.216	0.216		0.216	N/A	N/A			
Band #11	2" NOZZLE (BRIDLE) CIRC.	XS	0.218	0.208		0.208	4.6	N/A			
Band #12	2"-90°	XS	0.218	0.221		0.221	N/A	N/A			
Band #13	6" BRIDLE TOP HEAD	40	0.280	0.279		0.279	0.4	N/A			
Band #14	6" BRIDLE SHELL	40	0.280	0.265		0.265	5.4	N/A			
Band #15	6" BRIDLE SHELL	40	0.280	0.263		0.263	6.1	N/A			
Band #16	6" BRIDLE BOTTOM HEAD	40	0.280	0.279		0.279	0.4	N/A			
Band #17	2"-90°	XS	0.218	0.214		0.214	1.8	N/A			
Band #18	2" NOZZLE (BRIDLE) CIRC.		0.218	0.212		0.212	2.8	N/A			
Band #19	3" TOP NOZZLE CIRC.	STD	0.216	0.219		0.219	N/A	N/A			

	<u>Notes</u>	
T_{avg}	Average Thickness reading for given data	Assumptions:
T _{min}	Minimum thickness reading for given data	1. The vessel head and shell nominal
	Green background indicates up to 12.5% below Nominal	thickness was assumed to be 0.375"
% Below Nom.	Yellow background indicates between 12.5% & 35% below Nominal	
% Below North.	Red background indicates over 35% below Nominal	
	N/A - Indicates reading above nominal value	



	EQUIPMENT DATA:								
MAKE:	TORNADO TECHNOLOGIES INC.								
SER. NO.:	•								
CRN NO.:	-								
B.C. NO.:									
ALTA. NO.:	-								
MFG. DATE:	•		ALT		FLARE KNOCKOUT DRUM				
MAWP:	•			_					
" SHELL:	-		NSPECTIO	N LTD.					
"I" HEAD:	•				CNRL MEEK	S BONEYARD			
SIZE:	100" OD x 240" S/S (APPROX.)		DRAWN:	13020 BEATON PARK ROAD, BOX 283, CHARLIE LAKE, B.C.					
CORR. ALLOW.:	-	BY:	T.NINAN	VOC 1H0	COMPANY:	DRAWING NUMBER:			
XRAY/STRESS REL.:	•	DATE:	SEPTEMBER 17th, 2025	(250)785 6295	FUELLED FAMILY OF COMPANIES	FLARE KNOCKOUT DRUM			

Fuelled Family of Companies

File Name: Flare Knockout Drum

Description: FKOD

Probe: 7.5 MHz FH2E
Instrument: DMS Go
Units: INCH

Date: September 17th, 2025

Thickness Data

Band #'s	Size	Sch	Nom.	Point #1	Point #2	Point #3	Point #4	Point #5	Point #6	Point #7	Point #8	Point #9	Point # 10	T _{avg}	T _{min}	% Below Nom.
	Flare Knockout Drum															
Band #1	HEAD		0.375	0.379	0.375	0.376	0.374	0.369	0.371	0.377	0.376	0.371	0.362	0.375	0.369	1.6
Band #2	SHELL		0.375	0.388	0.389	0.388	0.384	0.380	0.390	0.386	0.390	0.384	0.390	0.387	0.380	N/A
Band #3	BOTTOM SHELL		0.375	0.387	0.390	0.392	0.391	0.391	0.392	0.390	0.391	0.393	0.394	0.391	0.387	N/A
Band #4	BOTTOM SHELL		0.375	0.385	0.383	0.382	0.383	0.387	0.387	0.387	0.384	0.383	0.385	0.385	0.382	N/A
Band #5	SHELL		0.375	0.385	0.387	0.383	0.387	0.386	0.384	0.383	0.384	0.382	0.383	0.385	0.383	N/A
Band #6	HEAD		0.375	0.390	0.392	0.385	0.377	0.377	0.376	0.370	0.369	0.372	0.385	0.380	0.369	1.6
Band #7	10" INLET NOZZLE CIRC.	40	0.365	0.363	0.354	0.369	0.368	0.370	0.371	-		-	-	0.366	0.354	3.0
Band #8	10" OUTLET NOZZLE CIRC.	40	0.365	0.370	0.361	0.359	0.361	0.356	0.361	-	1	-	-	0.361	0.356	2.5
Band #9	3" BOTTOM NOZZLE CIRC.	STD	0.216	0.227	0.213	0.244	0.233	-	1		1	-		0.229	0.213	1.4
Band #10	3" BOTTOM NOZZLE CIRC.	STD	0.216	0.237	0.229	0.216	0.239	ı	1	1	1	1	-	0.230	0.216	N/A
Band #11	2" NOZZLE (BRIDLE) CIRC.	XS	0.218	0.227	0.208	0.227	0.230	ı	-	-	1	ı	-	0.223	0.208	4.6
Band #12	2"-90°	XS	0.218	0.227	0.225	0.226	0.222	0.221	-	-	-	ı	-	0.224	0.221	N/A
Band #13	6" BRIDLE TOP HEAD	40	0.280	0.360	0.282	0.300	0.294	0.279	0.361	-	-	ı	-	0.313	0.279	0.4
Band #14	6" BRIDLE SHELL	40	0.280	0.265	0.265	0.267	0.286	0.268	0.268	0.269	0.270	0.272	0.272	0.270	0.265	5.4
Band #15	6" BRIDLE SHELL	40	0.280	0.268	0.272	0.267	0.263	0.267	0.266	0.271	0.270	0.274	0.269	0.268	0.263	6.1
Band #16	6" BRIDLE BOTTOM HEAD	40	0.280	0.360	0.282	0.297	0.296	0.279	0.350		1	-	-	0.311	0.279	0.4
Band #17	2"-90°	XS	0.218	0.214	0.219	0.215	0.229	0.229	-	-	-	1	-	0.221	0.214	1.8
Band #18	2" NOZZLE (BRIDLE) CIRC.	XS	0.218	0.218	0.238	0.213	0.212	ı	-	-	-	ı	-	0.220	0.212	2.8
Band #19	3" TOP NOZZLE CIRC.	STD	0.216	0.219	0.224	0.220	0.223	-	-	-	-	-	-	0.222	0.219	N/A

Notes

T_{avg} Average Thickness reading for given data
 T_{min} Minimum thickness reading for given data

Green background up to 12.5% below Nominal

% Below Nom.Yellow background between 12.5% & 35% below Nominal Red background indicates over 35% below Nominal

N/A - Indicates reading above nominal value