



# INSPECTION REPORT

EQUIPMENT NO: 750 VS 306 E

FACILITY: Harlan Robb

PROV. REG. NO: A 528420

EQUIPMENT NAME: Flare X.O. Drum

TAG NO: 50-0306-V-410

	SHELL		TUBE	
MAWP	kpag@	°C	kpag@	°C
MDMT	kpag@	°C	kpag@	°C
PSV Tag	set@	kpag	set@	kpag

ITEM INSPECTED:

MANWAY ☐ YES ☐ NO

SERVICE: ☐ SOUR ☒ SWEET ☐ CRYOGENIC

FLUID:

## SCOPE OF INSPECTION

- ☒ PRECOMMISSIONING  
☐ INITIAL  
☐ REINSPECTION

## TYPE OF INSPECTION:

- ☐ AE ☐ MT ☐ RT  
☐ ET ☐ MFL ☐ UT  
☐ LT ☐ PT ☒ VT  
☐ OTHER

## CLEANING:

- ☐ GOOD  
☐ FAIR  
☐ INADEQUATE

## ACCESS:

- ☐ FULL  
☐ PARTIAL  
☒ EXTERNAL

ADD PAGES AND SKETCHES AS NEEDED (TURN OVER FOR CHECK LISTS)

OBSERVATIONS: ☒ EXTERNAL ☐ INTERNAL

No defects

RECOMMENDATIONS:

SUITABLE FOR

FURTHER SERVICE: ☒ YES ☐ NO

REMEDIAL ACTION

PRIORITY: ☐ HIGH ☐ MEDIUM ☐ LOW

INSPECTION PERFORMED BY: [Signature]

DATE OF INSPECTION May 13/05

FOLLOW-UP INSPECTION REQUIRED:

☐ YES ☐ NO BY DATE:

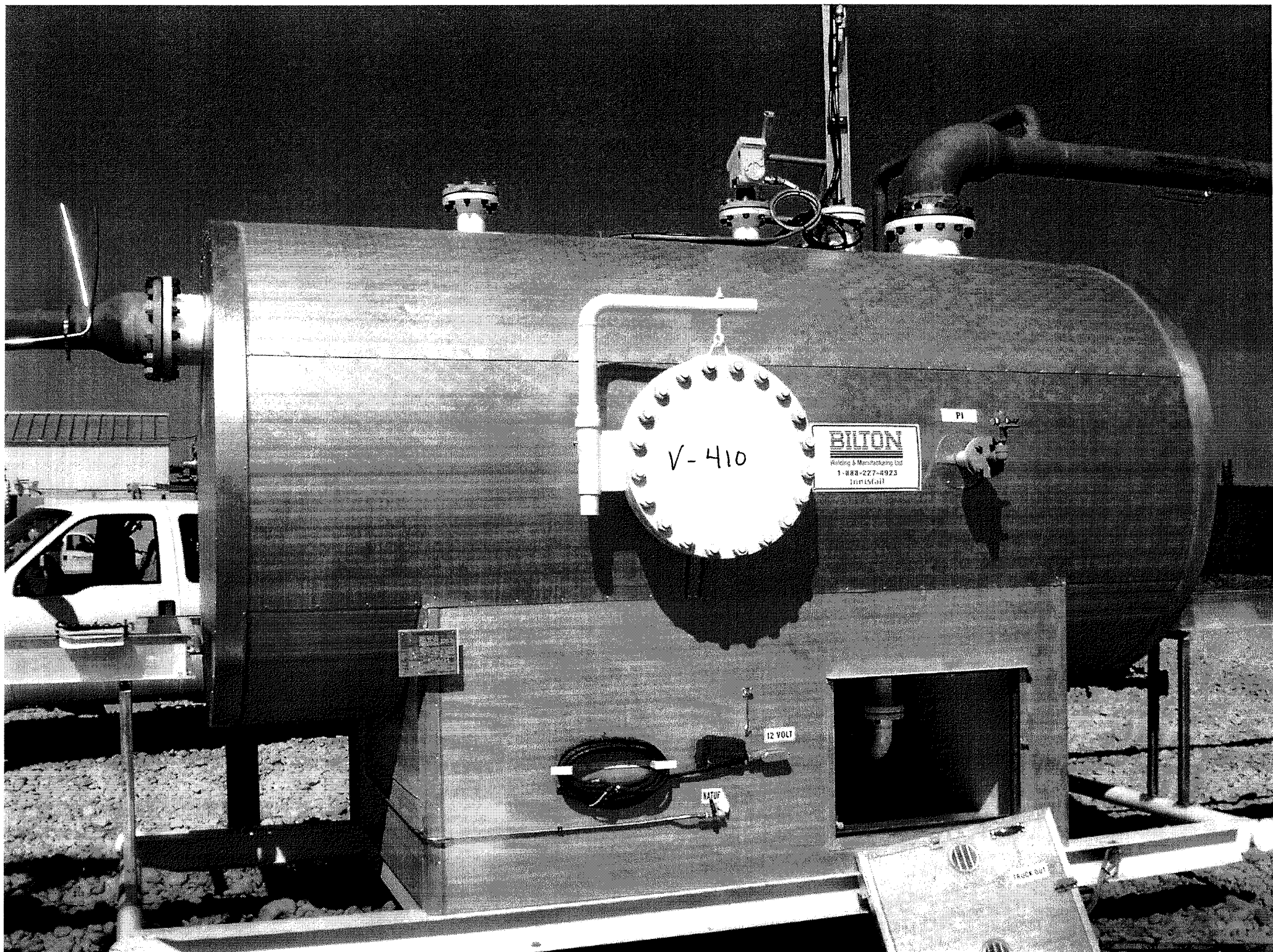


## INSPECTION REPORT

EQUIPMENT NO:

External Inspection Check List			
Item	N/A	OK	Comments
1. Ladders, platforms	✓	✓	
2. Foundation and supports		✓	
3. Dyke	✓		
4. Double floor/wall, interstitial space	✓		
5. Nozzles		✓	
6. Ground connections		✓	
7. Protective coatings and insulation		✓	
8. External metal surfaces		✓	
9. Pressure relief devices	✓		
10. Name plate		✓	
11. Leak test	✓		
12. Cathodic protection	✓		
13.			
14.			
15.			

Internal Inspection Check List			
Item	N/A	OK	Comments
1. Safe vessel entry secured	/		
2. Cleaning adequate for VT			
3. Fouling before cleaning including tubes			
4. Internal equipment checked (trays/baffles/etc)			
5. Condition of internal surfaces			
6. Protecting coating			
7. Welds checked for defects			
8. Tubes: ends/ligaments/joints/walls/fins			
9. Tubes: thinning/pitting (internal/external)			
10. Nozzles			
11. Burner			
12. Refractory			
13. Damage marked for further inspection/nde			
14. Cleaning for nde adequate			
15. Nde completed			
16. Condition of anodes			
17. Leak test			
18.			
19.			
20.			



V-410

CERTIFIED BY

**BILTON**

Welding & Manufacturing Ltd

INNISFAIL AB

1-888-227-4923

MAWPA 50 PSI 345 KPA AT -49 °F -45 °C

MD.M.T. 302 °F 150 °C AT 50 PSI 345 KPA

SERIAL NO 13728 YEAR BUILT 2005

C.R.N. R8180.2 A.R.N. A528420

DESC. 72" X 10' KNOCKOUT DRUM

SHELL THK 0.375" MIN. HD.THK 0.313" MIN.

R.ALLOW 0.125"