HUNT INSPECTION LTD.

STATIC EQUIPMENT INSPECTION REPORT

COMPANY: _____ **JOB #:** _____

District: Blackfalds Facility: _____ LSD: - Skid: Inlet Sep Bldg

Item Insp.: Left Bridle

VESSEL DATA

Equip#: _____ Serial #: F-1091-001A ABSA#: - CRN #: OH.5165.213

Manuf: Delaney Energy Mfg. Ltd. Code/Div.: - Para: - Code Stamp: -

Yr. Built: 2002 Size: O.D.6.625 S/S 6 ☑ Actual ☐ Estimate Insulated: -

Service: Sweet PWHT: - R.T.: Rt-2 Repairs: -

Nominal Thickness & Material

	Nominal	Material	C.A.
Top Head:	-	-	0.0625
Bottom Head:	-	-	0.0625
Shell:	-	-	0.0625
Shell:			
Tube:			

Orientation: ☑ VERTICAL ☐ HORIZONTAL -

Status: ☐ IN SERVICE ☑ OUT OF SERVICE

Skid Foundation: Steel

Manway: ☐ YES SIZE: _____ ☑ NO

Reason for Inspection

☐ PLANNED - IN SERVICE
☐ PROBLEM INVESTIGATION
☐ PROCESS CHANGE
☑ COMMISSIONING

Oper. Pres: - ☐ psi ☐ kPa Oper. Temp: - ☐ °F ☐ °C

MAWP Shell: 740 ☑ psi ☐ kPa Temp: 100 ☑ °F ☐ °C

MAWP Tube: _____ ☐ psi ☐ kPa Temp: _____ ☐ °F ☐ °C

Comments: _____

PSV INFORMATION

S = SHELL SIDE **T = TUBE SIDE** **P = PIPING**

Location:		☐ S		☐ S
Manufacturer:		☐ T		☐ T
Serial #:		☐ P		☐ P
PSV #:				
CRN:	PSV To Be Replaced		Before Rental	
Model:				
Set Press:				
Capacity:				
Status:				
Inlet Size :				
Outlet Size :				
Conn Type (F/T):				
Serviced By:				
Last Service Date:				

PSV INSPECTION

Good condition	☑ Yes	☐ No
Vertically orientated	☑ Yes	☐ No
Set pressure ≤ Vessel MAWP	☑ Yes	☐ No
Bonnet seal wire is intact	☑ Yes	☐ No
Service tag attached & dated	☑ Yes	☐ No
Discharge to safe location	☑ Yes	☐ No
Vibrating service	☐ Yes	☑ No

Inlet Isolation valves sealed open:

☐ YES ☐ NO ☑ N/A

Outlet Isolation valves sealed open:

☐ YES ☐ NO ☑ N/A

Inspection Requested By:. _____ Inspection Date: April. 7, 2021

Inspection Performed By: _____ Certification # _____

Chief Inspector: _____ Certification #: _____

EXTERNAL VISUAL INSPECTION

Remedial Action

- [x] **No Action Required**
- [ ] Paint Repairs
- [ ] Repair Weld - S.R.
- [ ] Repair Weld - No S.R.
- [ ] Grind Out
- [ ] See Comments

Access & Coverage

- [ ] Poor Cleaning
- [ ] Partial Int. Inspection
- [x] External Inspection
- [x] NDE Inspection
  - [ ] MT [x] UT
  - [ ] RT [ ] BH
  - [ ] PT [ ] Other_____

Other

- [ ] See Comments
- [ ] Ground Cable [ ] Y [x] N
- [ ] Ladders/Handrail/ Walkway Damage
- [x] Nameplate Secure [ ] N
- [x] Nameplate Legible [ ] N
- [ ] See Attached Pictures

Shell [ ] TOP [ ] BOTTOM

- [x] Good Condition
- [ ] External Corr.
- [ ] Pitted - Light
- [ ] Pitted - Severe
- [ ] Scaled - Light
- [ ] Scaled - Heavy
- [ ] Blistered
- [ ] N/A Insulated

Nozzles/Sight glasses

- [x] Good Condition
- [ ] Cracked
- [ ] Scaled
- [ ] Plugged
- [ ] Poor Welding
- [ ] Leaking
- [ ] Seal Face Corrosion
- [ ] Bolts Missing/Loose/ Damage
- [ ] Partial Int. Inspection

External Protection

- [x] Good Condition
- [ ] Fireproofing Cracked
- [ ] Insulation Damaged
- [ ] Paint Deteriorated
- [ ] Corrosion Under Insulation (CUI)
- [x] Asbestos [ ] YES [x] NO
- [x] Insulated [ ] YES [x] NO

Welds

- [x] Good Condition
- [ ] Corroded
- [ ] Cracked
- [ ] Broken
- [ ] Poor Quality

Supports

- [x] Good Condition
- [ ] Distorted
- [ ] Cracked
- [ ] Broken
- [ ] Poor Installation
- [ ] Bolts Missing/ Loose/Damaged
- [ ] Support Ring Damaged
- [ ] N/A

Heads [x] TOP [ ] NORTH [ ] WEST

- [x] Good Condition
- [ ] External Corrosion
- [ ] Pitted - Light
- [ ] Pitted - Severe
- [ ] Scaled - Light
- [ ] Scaled - Heavy
- [ ] Blistered

Heads [x] BTM [ ] SOUTH [ ] EAST

- [x] Good Condition
- [ ] External Corrosion
- [ ] Pitted - Light
- [ ] Pitted - Severe
- [ ] Scaled - Light
- [ ] Scaled - Heavy
- [ ] Blistered

Pressure/Temp. Gauge

- [ ] Glass Intact [ ] YES [ ] NO
- [ ] Within Operating Limits [ ] YES [ ] NO

Obvious Leaks [ ] YES [ ] NO

Vessel Repad

- [x] N/A
- [ ] Vent Holes [ ] 1 [ ] 2
- [ ] Plugged [ ] YES [ ] NO

PIPING - PSV

- [x] Good Condition
- [ ] External Corrosion
- [ ] Pitted
- [x] Supported
- [x] Welded
- [ ] Threaded Fittings
- [ ] Deadlegs

PIPING - INLET

- [x] Good Condition
- [ ] External Corrosion
- [ ] Pitted
- [x] Supported
- [x] Welded
- [ ] Threaded Fittings
- [ ] Deadlegs

PIPING - OUTLET

- [x] Good Condition
- [ ] External Corrosion
- [ ] Pitted
- [ ] Supported
- [x] Welded
- [ ] Threaded Fittings
- [ ] Deadlegs

PIPING - DRAIN

- [x] Good Condition
- [ ] External Corrosion
- [ ] Pitted
- [ ] Supported
- [ ] Welded
- [x] Threaded Fittings
- [ ] Deadlegs

EXTERNAL VISUAL INSPECTION

OBSERVATIONS:

- [x] **Vessel is in Good Condition**
- [ ] **API 510 External Inspection confirmed the equipment is fit for continued service**
- [ ] **NOT FIT FOR SERVICE, DETAILS BELOW**

N/A

RECOMMENDATIONS:

N/A

COMMENTS:

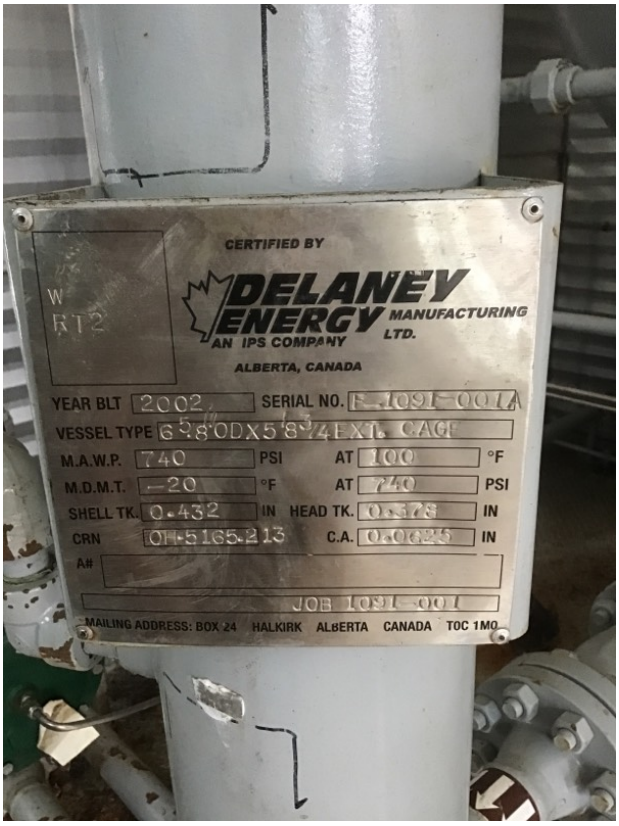
N/A

This is not a full AB506 inspection because the unit isn't in service.

PICTURES:

Skid# Inlet Separator Bldg

D.P. SN#F-1091-001A



Top Head

Bottom Head

PSV