

STATIC EQUIPMENT INSPECTION REPORT - Exhibit # 300a

COMPANY: _____ **E-TEGRITY JOB #:** _____

District: _____ Facility: _____ Lsd _____ Skid: _____

Item Insp.: _____

VESSEL DATA

Equip#: _____ Serial #: _____ ABSA#: _____ CRN #: _____

Manuf: _____ Code/Div.: _____ Para: _____ Code Stamp: _____

Yr. Built: _____ Size: _____ ☐ Actual ☐ Est. Insulated: _____

Service: _____ PWHT: _____ R.T.: _____ Repairs: _____

Nominal Thickness & Material

Top Head: _____ Material: _____ C.A. _____ Reasons: _____

Bottom Head: _____

Shell: _____ Status: ☐ IN SERVICE

Shell: _____ ☐ OUT OF SERVICE

Tube: _____ Manway: ☐ YES ☐ NO

Reason for Inspection

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

Operating Pres: _____ Operating Temp: _____

MAWP Shell: _____ ☐ Psi ☐ kPa Temp: _____ ☐ F ☐ C

MAWP Tube: _____ ☐ Psi ☒ kPa Temp: _____ ☐ F ☐ C

Comments: _____

PSV INFORMATION

Location: _____ ☐ S _____ ☐ S **S = SHELL SIDE**

Manufacturer: _____ ☐ T _____ ☐ T **T = TUBE SIDE**

Serial #: _____ ☐ P _____ ☐ P **P = PIPING**

PSV #: _____

CRN: _____

Model: _____

Set Press: _____

Capacity: _____

Code Stamp: _____

Inlet Size (mm): _____

Outlet Size (mm): _____

Conn Type (F/T): _____

Serviced By: _____

Last Service Date: _____

Inlet Isolation valves sealed open:

☐ YES ☐ NO N/A

Outlet Isolation valves sealed open:

☐ YES ☐ NO N/A

Inspection Requested By: _____ Inspection Date: _____

Inspection Performed By: _____ Certification # _____

Chief Inspector: _____ Certification #: _____

EXTERNAL VISUAL INSPECTION

Remedial Action

- ☐ **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
- ☐ External Inspection
- ☐ NDE Inspection
 - ☐ M ☐ UT
 - ☐ RT ☐ BH
 - ☐ PT ☐ Other _____

Other

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

Shell ☐ TOP ☐ BOTTOM

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

Nozzles

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

External Protection

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

Welds

- ☐ Good Condition
- ☐ Corroded
- ☐ Cracked
- ☐ Broken
- ☐ Poor Quality

Supports

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

Heads ☐ TOP ☐ NORTH ☐ WEST

- ☐ Good Condition
- ☐ External Corrosion
- ☐ Pitted - Light
- ☐ Pitted - Severe
- ☐ Scaled - Light
- ☐ Scaled - Heavy
- ☐ Blistered

Heads ☐ BTM ☐ SOUTH ☐ EAST

- ☐ Good Condition
- ☐ External Corrosion
- ☐ Pitted - Light
- ☐ Pitted - Severe
- ☐ Scaled - Light
- ☐ Scaled - Heavy
- ☐ Blistered

Pressure Gauge

- ☐ Glass Intact
 - ☐ YES
 - ☐ NO
- ☐ Within Operating Limits
 - ☐ YES
 - ☐ NO
- Obvious Leaks
 - ☐ YES
 - ☐ NO

Vessel Repad

- ☐ N/A
- ☐ Vent Holes
 - ☐ 1
 - ☐ 2
- ☐ Plugged
 - ☐ YES
 - ☐ NO

PIPING - PSV

- ☐ Good Condition
- ☐ External Corrosion
- ☐ Pitted
- ☐ Supported
- ☐ Welded
- ☐ Threaded Fittings
- ☐ Deadlegs

PIPING - INLET

- ☐ Good Condition
- ☐ External Corrosion
- ☐ Pitted
- ☐ Supported
- ☐ Welded
- ☐ Threaded Fittings
- ☐ Deadlegs

PIPING - OUTLET/DRAIN

- ☐ Good Condition
- ☐ External Corrosion
- ☐ Pitted
- ☐ Supported
- ☐ Welded
- ☐ Threaded Fittings
- ☐ Deadlegs

EXTERNAL VISUAL INSPECTION

OBSERVATIONS:

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

RECOMMENDATIONS:

```
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PICTURES:

POLARIS INTEGRITY
VISUAL EXTERNAL INSPECTION REPORT:
Schedule A

Page 1 of 2

PRN: 642464 ABACUS ID: 65108

Facility: SW Gas Battery 05-14-082-08W6 Manufacturer: Access Manufacturing	Equipment Name: Test Separator MAWP: 1972kpa @ 37.73°C
Items Inspected: Manway, Nozzle, Shell, Heads Service Type: Sour	Manway: Yes Fluid: Oil Emulsion

Scope of Inspection	Type of Inspection	Cleaning	Access
<input type="checkbox"/> Pre-commission <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Re-inspection	<input type="checkbox"/> AE <input type="checkbox"/> MT <input type="checkbox"/> RT <input type="checkbox"/> ET <input type="checkbox"/> MFL <input type="checkbox"/> UT <input type="checkbox"/> LT <input type="checkbox"/> PT <input checked="" type="checkbox"/> VT <input type="checkbox"/> VE Other: Click here to enter text.	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Inadequate	<input checked="" type="checkbox"/> Full <input type="checkbox"/> Partial <input type="checkbox"/> External

Observations: -Supplemental Report only to capture VE Photos. -Refer to Sept 2016 VE Report for inspection details.
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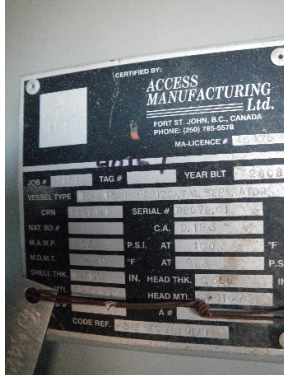
Recommendations -Refer to VE.

Fit For Service: Yes Inspected By: Kevin Gawley Date of Inspection (Mm-Dd-Yyyy): 9/14/2016 Follow Up Inspection Required: Yes	Remedial Action: <input type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low By Date: (Mm-Dd-Yyyy): 9/30/2016
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**POLARIS INTEGRITY
VISUAL EXTERNAL INSPECTION REPORT:
Schedule A**

PRN: 642464 ABACUS ID: 65108

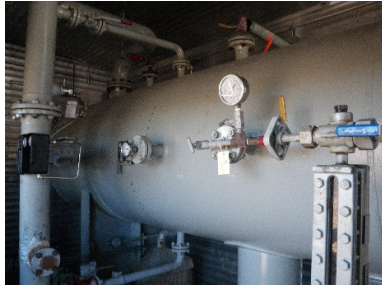
1) Name Plate of Test Separator A642464:



2) A# Wired to Name Plate:



3) Overview:



4) Bridle Missing CRN/NP:



5) Manway Repad Detail:



6) Missing PSV:



7) Missing Expansion Slots:



8) Davit Arm:

