

**STATIC EQUIPMENT INSPECTION REPORT - Exhibit # 300**

COMPANY: Trident SIGMA JOB #: \_\_\_\_\_

District: Ft. Assiniboine Facility: Corbett Camp Lsd: 15-10-62-645 Skid: TEC 2187

Item Insp.: Chiller

**VESSEL DATA**

Equip#: / Serial #: 054468-102 ABSA#: 537 288 CRN #: /  
 Manuf: \_\_\_\_\_ Code/Div.: \_\_\_\_\_ Para: \_\_\_\_\_ Code Stamp: V  
 Yr. Built: / Size: 24" Top / 34" Bottom X 260"  Actual  Est. Insulated: yes  
 Service: Sweet PWHT: / R.T.: \_\_\_\_\_ Repairs: /

**Nominal Thickness & Material**

Head: _____	Material: _____	C.A. _____	Reasons: _____
Head: _____	_____	_____	_____
Shell: _____	_____	_____	Status: <input checked="" type="checkbox"/> IN SERVICE
Shell: _____	_____	_____	<input type="checkbox"/> OUT OF SERVICE
Channel HD: _____	_____	_____	Manway: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Channel SH: _____	_____	_____	<b>Reason for Inspection</b>
Boot HD: _____	_____	_____	<input checked="" type="checkbox"/> PLANNED - IN SERVICE
Boot SH: _____	_____	_____	<input type="checkbox"/> PROBLEM INVESTIGATION
MAWP Shell: <u>250</u> <input checked="" type="checkbox"/> Psi <input type="checkbox"/> kPa	Temp: <u>150</u> <input checked="" type="checkbox"/> F <input type="checkbox"/> C		<input type="checkbox"/> PROCESS CHANGE
MAWP Tube: _____ <input type="checkbox"/> Psi <input type="checkbox"/> kPa	Temp: _____ <input type="checkbox"/> F <input type="checkbox"/> C		<input type="checkbox"/> COMMISSIONING
Comments _____			

**PSV INFORMATION**

Location: \_\_\_\_\_  S  T  P \_\_\_\_\_  S  T  P **S = SHELL SIDE**  
**T = TUBE SIDE**  
**P = PIPING**  
 Manufacturer: \_\_\_\_\_  
 Serial #: \_\_\_\_\_  
 PSV #: \_\_\_\_\_  
 CRN: \_\_\_\_\_  
 Model: \_\_\_\_\_  
 Set Press: \_\_\_\_\_  
 Capacity: \_\_\_\_\_  
 Status: \_\_\_\_\_  
 Inlet Size (mm): \_\_\_\_\_  
 Outlet Size (mm): \_\_\_\_\_  
 Conn Type (F/T): \_\_\_\_\_  
 Serviced By: \_\_\_\_\_  
 Last Service Date: \_\_\_\_\_  
 I/L Isolation valves sealed open:  YES  NO  YES  NO  
 O/L Isolation valves sealed open:  YES  NO  YES  NO

Comments PSV removed Due to Plant Turnaround

**EXTERNAL VISUAL INSPECTION**

ABSA#: 537 288

SIGMA JOB #: \_\_\_\_\_

**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
  - MT  UT
  - RT  BH
  - PT  Other \_\_\_\_\_

**Other**

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

**Shell**

- TOP
- BOTTOM
- Good Condition
- External Corr. *NA*
- Pitted - Light *NA*
- 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 *NA*
- Broken
- Poor Quality

**Supports**

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

**Heads**  TOP

- NA*  NORTH
- WEST

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

**Heads**  BTM

- NA*  SOUTH
- EAST

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

**Pressure Gauge**

- Glass Intact
  - YES
  - NO
- Within Operating Limits *NA*
  - YES
  - NO
- Obvious Leaks
  - YES
  - NO

**Vessel Repad**

- N/A
- Vent Holes *NA*
  - 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

Inspection Requested By: \_\_\_\_\_  
 Inspection Performed By: \_\_\_\_\_  
 Chief Inspector: \_\_\_\_\_

\_\_\_\_\_  
*ECHO*  
 \_\_\_\_\_

Inspection Date: Aug 31 2010  
 Certification #: \_\_\_\_\_  
 Certification #: \_\_\_\_\_

**EXTERNAL VISUAL INSPECTION**

ABSA #: 537 288 SIGMA JOB#: \_\_\_\_\_

**SUMMARY OBSERVATIONS (128 Character max.):**

**VESSEL IN GOOD CONDITION.**

Vessel is fully insulated and partially frozen

**SUMMARY RECOMMENDATIONS (128 Character max.):**

- API 510 External Inspection confirmed the equipment is fit for continued service**
- NOT FIT FOR SERVICE, DETAILS BELOW**

**DETAILED OBSERVATIONS (Memo Field):**

**DETAILED RECOMMENDATIONS (Memo Field):**