



EQUIPMENT NO: 603FB001 RAMS ID: 433815

<b>Facility:</b> PLT/c-032-H/094-H-08	<b>Provincial Registration Number:</b> BCSA HP137064 (A0570539)
<b>Equipment Name:</b> Heat Medium Boiler	<b>OIP Tag:</b> 603FB001
<b>Size:</b> 1524 mm ID x 3962 mm L	<b>MAWP:</b> 1379kpa @ 343°C
<b>Items Inspected:</b> Manway, Nozzles, Shell, Heads, Stack	<b>Manway:</b> Yes
<b>Service Type:</b> Sweet	<b>Fluid:</b> Heat Medium Glycol.

Scope of Inspection	Type of Inspection	Cleaning	Access
<input type="checkbox"/> Pre-commission <input type="checkbox"/> Initial <input checked="" 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: <a href="#">Click here to enter text.</a>	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Inadequate	<input type="checkbox"/> Full <input type="checkbox"/> Partial <input checked="" type="checkbox"/> External

**Observations:**

- No visible indication of distortion or deformation.
- Paint ~99%; Minor paint loss around top of manway where gasket had previously failed and scorched paint.
- No expansion slots; saddles welded directly to piles, no bolts.
- Evidence of glycol leak under PSV's, appears to be old. Operations to retape and tighten when installing new PSV's (To be delivered)
- PSV's < MAWP.
- PSV Inlet Valves car sealed open.
- Stack secure and aligned.
- Pressure Gauge spans MAWP.
- All bolting fully or acceptably engaged.
- ESD function tested at time of inspection and functioned successfully.

**Recommendations**

- Tighten weeping PSV piping threads (To be done week of Aug 2 2016)
- Forward Inspection to Will Rettman for Review.
- Return vessel to service.
- Re-inspect at regularly assigned interval.

<b>Fit For Service:</b> Yes <b>Inspected By:</b> Kevin Gawley <b>Date of Inspection (Mm-Dd-Yyyy):</b> 8/2/2016 <b>Follow Up Inspection Required:</b> No	<b>Remedial Action:</b> <input type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low <b>By Date: (Mm-Dd-Yyyy):</b> <a href="#">Click here to enter a date.</a>
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1) OIP and Name Plate:



2) External Overview:



3) Name Plate Detail 1 of 2:



4) Name Plate Detail 2 of 2:



5) Pressure Gauge (Glycol Piping):



6) Shell and Stack Overview:



7) Thread Weeping on PSV's:



8) Previous Hot Gas fugitive emission on manway:

