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| **Facility**: | | **Chinchaga C-32-H/94-H-8** | | | | | | | | | **PRN**: | | | | PV69P8797 (BC) | | | | | **Date of Inspection**: | | | | | | | 8-Jun-2017 | |
| **Equipment Type:** | | | **Separator (BC #1)** | | | | | | | | | | | | | **Field Tag #:** | | | | | | | 603VS008 | | | | | |
| **Service**: | Sour Sweet Cryogenic Air Steam | | | | | | | | | | | | | | | **MAWP**: | | | 275 PSI @120F | | | | | | | | | |
| **Fluid**: | Emulsion | | | | | | | | | | | | | | | **Manway** | | | Yes | | | | | No | | Size of Manway | | |
| **Scope of Inspection:** | | | | | **Type of Inspection:** | | | | | | | | | | | | | **Cleaning:** | | | | | | | | **Access:** | | |
| Pre-commissioning | | | | | AE | | | | MT | | | | RT | | | | | Good | | | | | | | | Full | | |
| Initial | | | | | ET | | | | MFL | | | | UT | | | | | Fair | | | | | | | | Partial | | |
| Re-inspection | | | | | LT | | | | PT | | | | VT | | | | | Inadequate | | | | | | | | External | | |
|  | | | | | HT | | | | Other | | | |  | | | | |  | | | | | | | |  | | |
| **Note: Add pages and sketches as needed** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Observations**: | | | | External | | | | | | | | | | Internal | | | | | | | | | | | | | | |
| **Internal:**   * Manway free of pits * Vessel is uncoated * Manway shell is in excellent condition. No pitting observed. * 1st stage of shell is in excellent condition circumferentially. Some general erosion corrosion on splash impact area from inlet diverter. * 2nd stage (past weir) nozzles in good condition, no visible cracking or pitting. * Weir in good condition * Drain nozzle in good condition. * No general corrosion observed, oily residue persistent throughout vessel surfaces. * Glycol heat lines have stainless fittings and are in like new condition. * Glycol heat trace lines are in fouled externally and unable to inspect. Small portion scraped and inspected has no pitting corrosion observed. * Bottom end of shell is in good condition with no pitting observed. Nozzles in good condition, no pits or cracks. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **External:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Recommendations:**  Perform UT to determine remaining wall on vessel, particularly on splash area from inlet diverter. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Suitable for further service: | | | | Yes | | | No | | | Remedial Action Priority Level: | | | | | | | | | | | | High | | | Medium | | | Low |
| Inspection Performed By: | | | | Darren Isaac | | | | | | | | | | Click here to enter text. | | | | | | | Date of Report: | | | | | 12-Jun-2017 | | |
| Signature: | | | |  | | | | | | | | | | | | | | | | | | | | | | | | |
| Follow Up Inspection Required: | | | | | | Yes | | No | | | | By Date: | | | | | DD-Mon-YYYY | | | | | | | | | | | |

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| **Pictures:**  **E:\DCIM\103NIKON\DSCN0918.JPG**  Figure Manway  E:\DCIM\103NIKON\DSCN0920.JPG  Figure Internal Overview  E:\DCIM\103NIKON\DSCN0926.JPG  Figure Weir  E:\DCIM\103NIKON\DSCN0931.JPG  Figure Nozzles  E:\DCIM\103NIKON\DSCN0932.JPG  Figure PSV Nozzle  E:\DCIM\103NIKON\DSCN0933.JPG  Figure Upper Shell Nozzle  E:\DCIM\103NIKON\DSCN0934.JPG  Figure Lower Shell Drain Nozzle  E:\DCIM\103NIKON\DSCN0937.JPG  Figure Glycol Heat Trace Lines and Boot  E:\DCIM\103NIKON\DSCN0941.JPG  Figure South Floor Drain NozzleE:\DCIM\103NIKON\DSCN0942.JPG  Figure Looking Down Into The Boot  E:\DCIM\103NIKON\DSCN0944.JPG  Figure Lower Shell on Boot  E:\DCIM\103NIKON\DSCN0948.JPG  Figure Glycol Heat Trace Nozzle and Piping  E:\DCIM\103NIKON\DSCN0949.JPG  Figure Glycol Heat Trace Nozzle and Piping Top View  E:\DCIM\103NIKON\DSCN0950.JPG  Figure Inlet and Diverter Plate  E:\DCIM\103NIKON\DSCN0951.JPG  Figure Nozzle Top Down view |