

Date: July 19/10 Page 1 of 1
 Job #: 15-0847 Inspected by: Du

Serial #:

Vessel Information
 Shell Mat'l SA 516-70 Nom Thk: 0.750
 Head Mat'l SA 516-70 Nom Thk: 0.742

Shell Min Thickness
 Head Min Thickness

MPL Rev 1

Type of Inspection and Equipment
☐ Dry Visible
☒ Wet Visible
☒ WFMP
☐ UT
☐ Contrast
☒ AC Yoke
☐ DC Yoke
☒ Black Light
☒ Acceptance Standard ASME SEC VIII App 6
☐ Acceptance Standard ASME SEC VIII App 8
☒ Prepared Bath
☐ Contrast Paint
☐ Visual
☐ UT Survey

Time of Inspection
☒ Prelim. Insp.
☐ Before Hydro
☐ After Hydro
☐ Before PWHT
☐ After PWHT

Procedure Used
☒ Pre WFMP
☐ TB2 WFMP
☐ UT Survey
☐ Visible

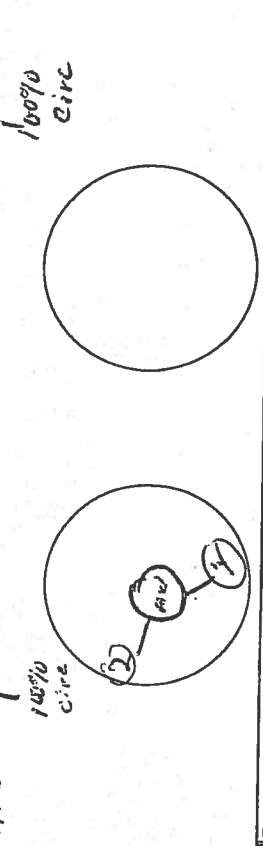
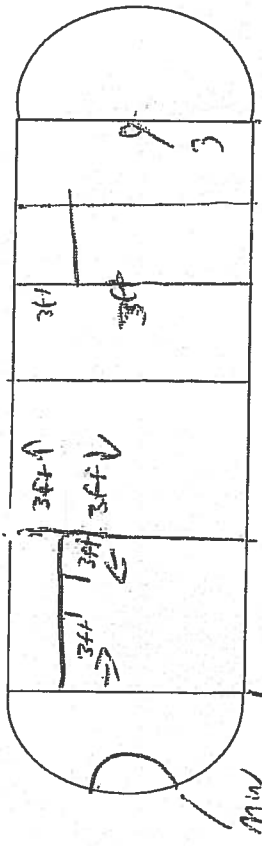
Light Equipment
 Intensity Check
☒ Before
☒ After
☐ 2 (300) Halogen
☐ 1 (300) Halogen
☐ 3 "D" Flashlight
☐ 3 "C" Flashlight
☐ Rechargeable Flashlight
☒ Light Meter

Scope
☐ All Internal Welds (Pads, Nozzles, Circs, Longs)
☐ All External Welds (Pads, Nozzles, Circs, Longs)
☐ 100% Interior surface of heads
☐ 100% Exterior surface of heads
☐ External welds visibly discernable in interior
☐ Back gouging / Bevelled Edges Long seams
☐ Back gouging / Bevelled Edges Circ Seam
☐ Back gouging Nozzles Listed
☐ Back gouging Cat "D" nozzles Listed
☐ Completed Cat "D" Nozzles Listed

OTHER:

100% exp. of fittings, clips, vortex breakers
 100% exp. of head/shell circ
 344 mpi at T intersections

Form NDE-001rev 5



CGSB LEVEL II
 MPI

DALE WRIGLEY
 # 12563

344 344 344 344 344 344

1 2

Spot # (or) Area # (or)

Nozzle Mark # (or) Shell #

Crack

Gouge

Arc Strike

Thickness in Area

Undercut

Other

Defect Ground Out

Acceptable

Reject

Minor Repairs Req'd <50%

Major Repairs Req'd >50%

Fill & Grind

Blend

Area Marked in Vessel

Hydro / Rehydro

AI Approval Required

NCR #

Comments:

1 - linear indication in HAZ

2 - linear indication on edge of weld

3 - porosity in shell by Front Head

circ & appears that there was a

Fill and Blend done there

at the time of production

Indications #142 were lightly blended out

COPIES TO: ☐ File ☐ Supervisor ☐ Plant Office ☐ Recorded In Log Book

- leaving a remaining wall thickness of 0.850"

with a wall thickness