

MAGNETIC PARTICLE EXAMINATION REPORT

Customer: CNRL Rpt. No.: MT- 002
 Location: EAST WATTS, 04-09-31-16W4 Job #: 545
 Examination of: FIRETUBE POST REPAIR Date: SEPT 26, 2008
 Part/Serial Number: A0228209 P.O.: _____
 Acceptance Standard: ASME VIII – DIV 1 APPENDIX 6 Page: 1 of 1
 Examination Standard: ASME V ART.7

Surface: As Ground Machined Base Metal Painted Shot Blast

TEST EQUIPMENT AND MATERIALS

Method: Yoke AC DC Continuous Residual
 Mfg: ELECTRP-SPEC Model: ES-X Serial No.: 6011 Amps: 5.75

BLACK LIGHT: Mfg: NA Model: NA Serial No.: NA

INDICATOR: Mfg: Magnaflux Model: 7HF Serial No.: 07H09K

EXAMINATION RESULTS:

SCOPE: TO PERFORM A BLACK AND WHITE MAGNETIC PARTICLE INSPECTION ON ALL REPAIRED AREAS ON THE LEFT AND RIGHT FIRETUBE. THE RIGHT FIRE TUBE HAD ONE AREA ON THE CIRC WELD, AND TEN AREAS OF CORROSION RUNNING ALONG THE EXHAUST TUBE AT THE 9:00 POSITION. THE LEFT FIRETUBE HAD TWO AREAS ON THE CIRC WELDS, AND EIGHT AREAS OF CORROSION RUNNING ALONG THE EXHAUST TUBE AT THE 9:00 POSITION.

FINDINGS: NO RELEVANT INDICATIONS FOUND DURING TIME OF INSPECTION. .

RESULTS : THE ABOVE MENTIONED ITEMS WERE FOUND TO CONTAIN NO RELEVANT INDICATIONS AND IS ACCEPTABLE TO BE BEGIN WELD BUILD UP.

ITS PROCEDURES: MT1 DRY VISIBLE RED BLK GRY YLW CONTRAST
 MT2 WFMP MT3 BLK/WHT

VISUAL INSPECTION PERFORMED PRIOR TO MAGNETIC PARTICLE EXAMINATION.

INTERPRETATION IS DONE IN ACCORDANCE WITH THE ABOVE MENTIONED STANDARDS, TO THE BEST OF MY PROFESSIONAL ABILITY.

Technicians:

Print: AARON COWIE CGSB/ASNT Level: II Reg. #: _____ Sign: *Aaron Cowie*

Ass't: _____ CGSB/ASNT Level: _____ Reg. #: _____ Sign: _____

THE ABOVE REPRESENTATION IS A PROFESSIONAL OPINION, FINAL INTERPRETATION IS THE RESPONSIBILITY OF THE CUSTOMER. I HAVE REVIEWED AND AM IN FULL AGREEMENT WITH THIS REPORT.

Customer representative: _____ Date: SEPT 26 2008

Total Hours: _____ S.T. _____ O.T. _____ Time In: _____ Time Out: _____ KM. _____ Subs. _____

Consumables used: White Contrast Paint x1, Black Magnetic Particle
1x