

MAGNETIC PARTICAL EXAMINATION REPORT

Customer: CNRL Rpt. No.: MT- 042308M
 Location: 05-11-45-25 W4 Job #: 332
 Examination of: Treater Manway Pitting Date: 04/23/2008
 Part/Serial Number: A2981996 AFE TA081087
 Acceptance Standard: MT001 Page: 1 of 1
 Examination Standard: ASME Div1

Surface: As Ground As Welded Machined Base Metal Painted Shot Blast

TEST EQUIPMENT AND MATERIALS

Method: Yoke AC DC Continuous Residual
 Mfg: Ferrous Probe Model: ES-X Serial No.: 6011 Amps: 4 A

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

INDICATOR: Mfg: _____ Model: _____ Serial No.: _____
 : _____

EXAMINATION RESULTS:

Integrity Testing Services was asked to perform a Black on White Magnetic Particle Inspection on Treater A2981996 30" Manway Pit @ 6:00 Position. All areas of weldment were cleaned to white metal by buffing wheel then inspected following applicable ITS MPI procedures. MPI was performed before the repair was performed and 12hrs after the repair was completed as required by weld procedure:

Procedure 2: Weld Build-Up of Wasted Areas Non PWHT

No relevant indications were found on inspected areas at the time of inspection.

The coating up to 8" around the repair area was damaged during the bake out process. Once the final MPI inspection was completed the damaged coating was removed with a buffing wheel and repaired using *Devo Devmat 142*, 2 part epoxy. CNRL personnel then put the coating under heat for the required cure time due to the low ambient temperatures.

ITS PRCEDURES: 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: M Johnston CGSB/ASNT Level: II Reg. #: 12240 Sign: _____

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: Keith Macintosh Date: _____

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

Consumables used: 1 BLK, 1 WHT MPI CONSUMABLE

