

MAGNETIC PARTICLE EXAMINATION REPORT

Customer: CNRL Rpt. MT 080425-02
 Location: 5-11-45-25W4M Hobbema Job #: 333
 Examination of: A0242142 firetubes Date: 25 April 2008
 Part/Serial Number: _____ P.O.: _____
 Acceptance Standard: Per client request – no cracking Page: 1 of 1
 Examination Standard: ASTM E-709 / ASME V Art 7

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

TEST EQUIPMENT AND MATERIALS

Method: Yoke AC DC Continuous Residual
 Mfg: Magnaflux Model: Y-6 Serial No.: RG001 Amps: _____

BLACK LIGHT: Mfg: _____ Model: _____ Serial No.: _____
 INDICATOR: Mfg: Magnaflux Model: 6a Serial No.: _____
 INDICATOR: Mfg: Magnaflux Model: 14a Serial No.: _____

EXAMINATION RESULTS:

MT was performed on firetube welds of treater A0242142.

B&W found no relevant indications at mitre welds of either tube.
 Dry powder examination of cut mitre ends of each tube showed no defects at weld prep surface.
 Cuts at tubesheets of both tubes showed indications that revealed tubes had not been attached with full penetration welds.

MT to be conducted after welding is complete.

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: A. Coates CGSB Level: 2 Reg. #: 6303 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: _____ Date: _____

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

Consumables used: 1 can ea. B&W, 8 oz 6a