

Bay 5, 240040 Frontier Place SE
Rocky View, Alberta T1X 0N2



REPORT: M-CG160513-1
DATE: 13-May-16
PAGE: 1 OF 2

MAGNETIC PARTICLE EXAMINATION REPORT

CLIENT:	HUSKY	CONTRACTOR:	
LOCATION NAME:	GALLOWAY GAS PLANT	STREAMLINE JOB#	16-126
LOCATION:	12-05-054-20W5M	CLIENT PO#:	
ITEMS EXAMINED:	STABALIZER REBOILER; FIRETUBE REPAIRS; POST 12 HR INSPECTION		
PROCEDURE:	MT-3 rev 1.0	ACCEPTANCE CRITERIA:	ASME VIII DIV. 1 APP. 6
		SPECIFICATION:	ASME V ART. 7

EQUIPMENT / TEST SURFACE DETAILS

<input checked="" type="checkbox"/> YOKE	<input checked="" type="checkbox"/> AC	<input type="checkbox"/> DC	<input checked="" type="checkbox"/> CONTINUOUS	<input type="checkbox"/> RESIDUAL	<input checked="" type="checkbox"/> 120Volt	<input type="checkbox"/> 12Volt	Test Weight:	10 lbs	Test Weight SN:	DMT16001
Yoke Manuf:	Magnaflux	Yoke Model:	YM5	Serial #:	614	Cal Date:	5/13/2016	Prod Spacing	3" - 8"	
<input type="checkbox"/> 100 W TROUBLE LIGHT*	<input checked="" type="checkbox"/> 10 W YOKE LIGHT*	<input type="checkbox"/> HALOGEN LIGHT	<input type="checkbox"/> OTHER:					*Light Source Intensity Demonstrated: $\geq 100\text{fc}$		
<input type="checkbox"/> BLACKLIGHT	Serial #:: 1Z11	Last Performance Check:				Minimum Black Light Intensity: $\geq 1000\mu\text{W}/\text{cm}^2$				
<input type="checkbox"/> LIGHT METER	Serial #:: 4484/7968	Last Calibration Date:				Excess Particles Removed via Flow or Exhalation				

TEST MEDIUM MANUFACTURER:	Magnaflux	MEDIUM TYPE / SIZE:	7HF (<20 μ) / WCP-2
		MEDIUM BATCH # (s):	
<input type="checkbox"/> DRY	COLOR:	<input type="checkbox"/> FLUORESCENT	<input checked="" type="checkbox"/> BLACK ON CONTRAST WHITE
		APPLICATION METHOD:	<input checked="" type="checkbox"/> SPRAY <input type="checkbox"/> POWDER PUFFER
Material:	C/S	Thickness	<input checked="" type="checkbox"/> CLEAN BASE METAL <input type="checkbox"/> AS GROUND <input type="checkbox"/> WIRE WHEEL BUFFED <input type="checkbox"/> AS WELDED <input type="checkbox"/> PAINTED <input type="checkbox"/> SAND BLAST <input type="checkbox"/> Other:

EXAMINATION DETAILS AND RESULTS

BLACK ON WHITE MT WAS PERFORMED ON THE REPAIRED SECTIONS OF THE STABALIZER REBOILER FIRETUBE (POST 12 HR INSPECTION) AS REQUESTED BY THE CLIENT. SEE REPORT MCG-160511-1 FOR DESCRIPTION OF ORIGINAL DEFECT AREAS.

RESULTS:

NO DEFECTS WERE FOUND AT THE TIME OF INSPECTION. ALL WELDS EXAMINED ARE ACCEPTABLE AS PER CODE.

SEE PG-2 FOR PICTURES AND DESCRIPTIONS OF EXAMINED AREAS.

TECHNICIAN/CERTIFICATION: Curtis Graham CGSB/SNT-TC-1A; MTII,PTII,UTII,RTIII #6560		CLIENT: Greg Guenette	
SIGNATURE:		ASSISTANT: Warren Gill	APPROVAL:

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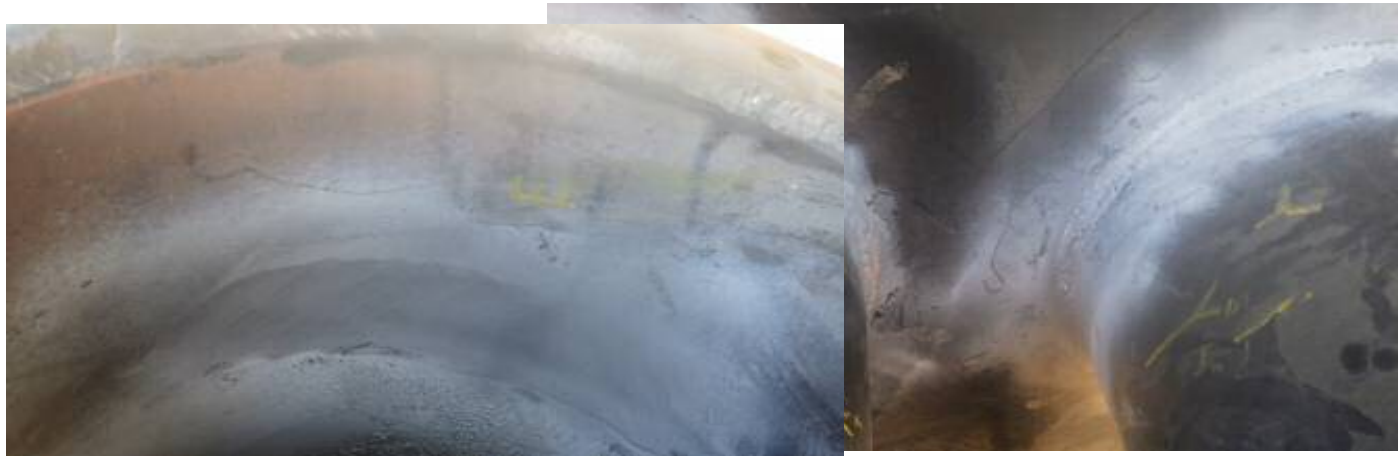


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EXAMINATION DETAILS AND RESULTS



BURNER & EXHAUST TUBE REPAIRED SECTIONS



BURNER TUBE REPAIRED SECTION
INTERNAL

EXHAUST TUBE REPAIRED SECTION
INTERNAL