

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



DATE: 04-Jun-14
PAGE: 1 OF 2

MAGNETIC PARTICLE EXAMINATION REPORT

CLIENT:	HUSKY ENERGY	CONTRACTOR:	N/A
LOCATION NAME:	ANSEL GAS PLANT	STREAMLINE JOB#	14-226
LOCATION:	07-27-051-19W5	CLIENT PO#:	N/A
ITEMS EXAMINED:	INTERNAL WELDS OF INLET SEPARATOR, A0571608, SAP #66128609, EQ# 20-V-001		
PROCEDURE:	MT-3A	ACCEPTANCE CRITERIA:	ASME VIII DIV. 1 APP. 6
		SPECIFICATION:	ASME V ART. 7

EQUIPMENT

<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	Serial #: 20832	Last Cal. Date: 03-Sep-13 Prod Spacing 3" - 8"
<input type="checkbox"/> 100 W TROUBLE LIGHT*	<input type="checkbox"/> 10 W YOKE LIGHT*	<input type="checkbox"/> HALOGEN LIGHT	<input type="checkbox"/> OTHER:	*Light Source Intensity Demonstrated: $\geq 100\text{fc}$				
<input checked="" type="checkbox"/> BLACKLIGHT	Serial #: 1Z11	Last Performance Check: 04-May-14			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:	Supramor 4 Black ($<0.5\mu$) / WCP712
<input type="checkbox"/> DRY	COLOR:	<input checked="" type="checkbox"/> FLUORESCENT	<input type="checkbox"/> BLACK ON CONTRAST WHITE
		APPLICATION METHOD:	<input checked="" type="checkbox"/> SPRAY <input type="checkbox"/> POWDER PUFFER

SURFACE CONDITION: ☐ CLEAN BASE METAL ☐ AS GROUND ☒ WIRE WHEEL BUFFED ☐ AS WELDED ☐ PAINTED ☐ SAND BLAST ☐ Other: Material: C/S

EXAMINATION DETAILS AND RESULTS

SCOPE: WET FLUORESCENT MAGNETIC PARTICLE INSPECTION WAS COMPLETED ON THE FOLLOWING WELDS LOCATED INSIDE OF THE INLET SEPARATOR, A0571608, SAP #66128609, EQ# 20-V-001:

-24" IN ALL DIRECTIONS ON THE T INTERSECTIONS OF THE CIRCULAR WELD SEAM AND LONGITUDINAL WELD SEAM OF BOTH HEAD TO CAN WELDS, AND THE MIDDLE SECTION CAN TO CAN WELD

RESULTS NO RELEVANT INDICATIONS WERE FOUND ON THE WELDS INSPECTED AS LISTED ABOVE. ALL WELDS ARE ACCEPTABLE TO CODE.

REFER TO THE IMAGES ON PAGE 2 OF THIS REPORT

TECHNICIAN/CERTIFICATION:	CURTIS SINCLAIR - CGSB/SNT-TC-1A UT I / MT II / PT II #12425, API 510 #35229, API 653 #29348, IPV #541	CLIENT:	GREG GUENETTE
SIGNATURE:		CHARGES REF.	APPROVAL:
ASSISTANT:	N/A	JOB#14-226	

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EXAMINATION DETAILS AND RESULTS



INLET SEPARATOR DATA PLATE



EAST HEAD CIRC WELD T INTERSECTION



CAN TO CAN CIRC WELD T INTERSECTIONS



WEST HEAD CIRC WELD T INTERSECTION