

## **Acuren Group Inc.**

7450 18 Street Edmonton, AB, Canada T6P 1N8

> Phone: (780) 440 2131 Fax: (780) 440 1167

Materials Engineering and Testing a Rockwood Company

January 30, 2012

To Whom It May Concern:

## DEMONSTRATION OF NON-DESTRUCTIVE EXAMINATION PROCEDURES TO ABSA

The following procedures were demonstrated in accordance with ASME Section V, 2010 Edition, 2011a Addenda:

- Article 1 General Requirements, Section T-150,
- Article 4 Ultrasonic Examination for Welds, Section T-421,
- Article 6 Liquid Penetrant Examination, Section T-621,
- Article 7 Magnetic Particle Examination, Section T-721.

ACUREN Group Inc. demonstrated the following Non-Destructive Examination procedures on January 30, 2012.

PROCEDURE	DESCRIPTION	METHOD	SPECIMEN	REPORT	COMMENTS
AGI PT 01 Rev 1	Liquid Penetrant Examination	Visible Water Washable	Test Plate # PL 1112A	P-JT-013012-1	ARDROX Family
AGI PT 01 Rev 1	Liquid Penetrant Examination	Visible Solvent Removable	Test Plate # PL 1113A	P-JT-013012-2	ARDROX Family
AGI PT 01 Rev 1	Liquid Penetrant Examination	Fluorescent Water Washable	Test Plate # PL 1108A	P-JT-013012-3	ARDROX Family
AGI PT 01 Rev 1	Liquid Penetrant Examination	Fluorescent Solvent Removable	Test Plate # PL 1111A	P-JT-013012-4	ARDROX Family
AGI MT 01 Rev 1	Magnetic Particle Examination	Black on White	Test Plate # PL 1098A	M-JT-013012-1	MAGNAFLUX Family
AGI MT 01 Rev 1	Magnetic Particle Examination	Dry Powder	Test Plate # PL 1099A	M-JT-013012-2	MAGNAFLUX Family
AGI MT 01 Rev 1	Magnetic Particle Examination	Wet Fluorescent	Drive Shaft Yoke # MT 100	M-JT-013012-3	MAGNAFLUX Family
AGI UT 01 Rev 0	Weld Examination	UT: Manual	Plate # PL 5022	U-CMI-0001	0°, 70° Probes
AGI UT 01 Rev 0	Weld Examination	UT: Manual	Pipe # P1813A	U-CMI-0002	0°, 70° Probes

Tom Levey Level III SNT-TC-1A Acuren Group Inc.	(signature)	Date_	Jau 30/2012
Metro Denys	ignature)	_ Date	MAR 2 0 2012

<sup>&</sup>quot; integrity management solutions



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## WHITE LIGHT INTENSITY DEMONSTRATION TO ABSA

The following light sources have been demonstrated to meet the requirements of the 2007 Edition, 2009 Addenda of ASME Code Section V.

ITEM	S/N	DISTANCE (inches)	*MEASURED INTENSITY (fc)	
Flash Light – Super Sabre Lite	Model 2000B	25	100	
Flash Light – EverReady	Model 1259	26	100	
Flash Light – DuraCell	2D cell	36	100	
Flash Light – Pelican	Stream Light 4AA	48	120	
Head Lamp - Princeton Tech	MaxLight	24	100	
Head Lamp - Pelican	2610	28	100	

<sup>\*</sup>Minimum requirements are: 100 foot candles (1000 Lux) at the examination surface.

The above light sources have been demonstrated to meet minimum ASME requirements.

Tom Levey Acuren Group Inc. Level III SNT-TC-1A	(signature)	Date	= Jau 30/2012
Metro Denys	(signature)	Date	MAR 2 0 2012

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<sup>:</sup> integrity management solutions