



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

CONSUMERS ENERGY/LABORATORY SERVICES

Laboratory Services
135 West Trail Street
Jackson, MI 49201

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NONDESTRUCTIVE

Valid Until: August 31, 2018

Certificate Number: 1097.03

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests:

<u>Test:</u>	<u>Test Method(s):</u>
Radiography (Gamma – Digital and Film)	ASTM E94; ASTM E1032; ASME Section V, Art. 2; API 1104
Liquid Penetrant (Visible and Fluorescent, Solvent Removable)	ASTM E165; ASME Section V, Art. 6
Magnetic Particle (Visible and Fluorescent, Wet, Dry, AC/DC/Yoke)	ASME Section V, Art. 7; ASTM E709; ASME SE709
Ultrasonic (Contact Method, Straight and Angle Beam)	ASTM E114; ASTM E164; ASTM E273; ASTM E587; ASTM E797; ASME Section V, Art. 4
Visual	AWS D1.1 Section VI; AWS D1.3 Section VI; ASME Section V, Art. 9

Note: This laboratory meets A2LA R104- *General Requirements: Accreditation of Field Testing and Field Calibration Laboratories* for all of the tests listed.



Accredited Laboratory

A2LA has accredited

CONSUMERS ENERGY/LABORATORY SERVICES

Jackson, MI

for technical competence in the field of

Nondestructive Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).



Presented this 19th day of December 2016.

A handwritten signature in black ink, appearing to read "L. J. ...", written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 1097.03
Valid to August 31, 2018
Revised on July 16, 2018

For the tests to which this accreditation applies, please refer to the laboratory's Nondestructive Scope of Accreditation.