



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

GREENING TESTING LABORATORIES, INC.  
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Detroit, MI 48234  
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MECHANICAL

Valid To: March 31, 2028

Certificate Number: 1575.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on the following products: Brakes, Friction Material, Automatic Transmission Fluid and Components, Clutches, and Wheels.

Accreditation is granted to perform these tests within, but not limited to, the following industries: Aerospace, Automotive, Commercial Vehicles, Military, and Renewable Energy

**Dynamometer Testing<sup>1,2</sup>**

**Typical Test Method(s)**

Torque<sup>1</sup>

(1 to 500) lbf·ft  
(10 to 5,000) lbf·ft  
(100 to 20,000) lbf·ft

FMVSS TP-121D-01; ECE-R90; SAE J2115,  
SAE J2521, SAE J2784

Pressure<sup>1</sup>

Pneumatic (1 to 200) lbf/in<sup>2</sup>  
Hydraulic (1 to 2,900) lbf/in<sup>2</sup>

FMVSS TP-121D-01; ECE-R90; SAE J2115,  
SAE J2521, SAE J2784

Rotational Speed<sup>1</sup>

(0.1 to 5) r/min, (1 to 14,000) r/min

FMVSS TP-121D-01; ECE-R90; SAE J1073,  
SAE J2115, SAE J2521, SAE J2784

Temperature<sup>1</sup>

(32 to 1,800) °F

FMVSS TP-121D-01; ECE-R90; SAE J2115,  
SAE J661, SAE J2521, SAE J2784; VESC V-3

Air Speed<sup>1</sup>

(5 to 50) mi/hr

FMVSS TP-121D-01; ECE-R90; SAE J2115,  
SAE J2521, SAE J2784

Displacement<sup>1</sup>

Hydraulic (up to 3 in<sup>3</sup>)  
Linear (up to 12 in)

FMVSS TP-121D-01; ECE-R90; SAE J2115,  
SAE J2521, SAE J2784, SAE J661; VESC V-3

Force<sup>1</sup>

(5 to 5,000) lbf

FMVSS TP-121D-01; ECE-R90; SAE J2115,  
SAE J2521, SAE J2784, SAE J661; VESC V-3

**Dynamic Cornering Fatigue Testing**

SAE J267, SAE J328, SAE J1095

**Noise Testing**

Frequency  
10 Hz to 20 kHz  
Sound Pressure Level  
(50 to 150) dBA

**Typical Test Method(s)**

SAE J2521  
SAE J2521

**Hardness Testing**

Brinell (3,000 kgf)  
Gogan  
Rockwell (HRLW, HRMW, and HRRW only)

ASTM E10; ISO 6506-1; GTL 3902  
SAE J379  
ASTM E18; ISO 2039-2; JIS D4421;  
Kenya Standard DKS249

**Compressibility Testing**

Brake Lining Compressive Strain Test  
(1-100,000) N  
(0.1- 25,000) Microns

ABNT NBR 9301; GMW 15334; ISO 6310;  
SAE J2468, SAE J3079

**Shear Testing**

(1-130,000) N

ABNT NBR 5537; Kenya Standard DKS249;  
ISO 6311, ISO 6312, ISO 6314; SAE J840

**Specific Gravity**

SAE J380

**Swell, Growth, and Dimensional Stability Testing**

ABNT NBR 5505; ISO 6313; SAE J160

**Tensile/Compressive Strength Testing**

(1-130,000) N

ISO 6892; ASTM D695, ASTM D790

**Wet Friction Testing**

SAE J2487, SAE J2488, SAE J2489,  
SAE J2490, SAE J2964, SAE J3210;  
DEXRON VI (Appendix C, App. D, App. J);  
MERCON V (Appendix 4, Appendix 5)

**Vibration Testing**

Random: (5 to 3,000) Hz  
Sine: (5 to 2,500) Hz  
6600 lbf  
Shock: ½ Sine Pulse, 32G, 10 ms duration

MIL-STD-810G; GMW15367

<sup>1</sup> The following test methods are also conducted using the testing capabilities listed above:

D<sup>3</sup>EA<sup>®</sup>, Kenya Standard DKS249, ISO 26865, ISO 26866, ISO 26867, JASO C-406, JASO C-407,  
JASO C-427, JASO C-441, SAE J2522, SAE J2684, SAE J2690, SAE J2707, SAE J2928, SAE  
J3006, TMC RP-628, U.S. Dept. of Defense ATPD-2354-A, Technical Standard NTC  
COLOMBIAN 1715

<sup>2</sup> Also using customer supplied and industry specifications directly related to the test technologies and parameters listed above.



# Accredited Laboratory

A2LA has accredited

## GREENING TESTING LABORATORIES, INC.

*Detroit, MI*

for technical competence in the field of

### Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *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 April 2017).



Presented this 11<sup>th</sup> day of May 2026.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 1575.01  
Valid to March 31, 2028

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