



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CLARK TESTING SERVICES LLC
821 E. Front Street
Buchanan, MI 49107
PG Heffernan 412-387-1010

MECHANICAL

Valid To: April 30, 2025

Certificate Number: 1337.04

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following Structural/load/fatigue, Dynamometer, Hydraulic/pneumatic testing on equipment for the Automotive, Industrial, Off-Highway, Agricultural, Medical Devices, Defense/Military, Heavy Equipment, Transportation, Rail, Power Generation, Aerospace, Oil & Gas, Marine, Civil/Infrastructure, Electric Motors, Gearboxes, and Drivetrain Components:

Test Services:

Test Standards ^{1,2}:

Structural

Tension and Compression
Up to +/- 400 000 lbf

Static Combined Loading
Up to 1 500 000 lbf

Proof/Ultimate Fatigue
(-65 to 400) °F

Load vs Deflection
Up to +/- 100 in

ROPS/FOPS
(Except Charpy V-notch impact test)

Seat Belt Anchorage
(-65 to 400) °F

SAE J2638; SAE J684;
FMVSS 214; FMVSS 216A;
FMVSS 207/210; FMVSS 223;
FMVSS 225;
SAE J2258;
ISO 3471; ISO 3449; ISO 21299;
SAE J2422;
ISO 12117; ISO 8082-1;
ISO 8082-2;
ISO 8083; ISO 10262;
SAE J2194

Torsional & Rotary Fatigue

Static Torsional Loading
Up to +/- 50 000 lbf ·ft.
Up to Infinite Rotation

Using customer supplied specifications and/or methods.

Test Services:

Test Standards ^{1,2}:

Powertrain & Drivetrain:

Dynamometer

Endurance, Performance, Durability, Efficiency with

Using customer supplied specifications and/or methods.

Drive Equipment
Fractional up to 1 300 HP
Up to 12 000 rpm
(-65 to 400) °F

Absorption Equipment
Up to 2 400 HP

Fixed Chassis Equipment
Up to 75 mph
Up to 450 000 lbf
Radial Load

Portable Chassis Equipment
Up to 120 mph

Hydraulic

Hydraulic Pressure Equipment
(Static/Dynamic)
Up to 30 000 psig

SAE AS1650;
SAE J214;
SAE J746
Using customer supplied specifications and/or methods

Proof/Burst Pressure

Dynamic Pulse Stroke (Impulse) Pressure
(-65 to 400) °F

Pneumatic

Pressure / Vacuum Equipment
(-13.7 to 4 500) psi

Using customer supplied specifications and/or methods.

¹ This laboratory uses customer supplied specifications and/or methods directly related to the testing services and parameters listed above.

² When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA R101 - *General Requirements for Accreditation of ISO/IEC 17025 Laboratories*.





Accredited Laboratory

A2LA has accredited

CLARK TESTING SERVICES LLC

Buchanan, 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 30th day of May 2023.

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 1337.04
Valid to April 30, 2025

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