



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

F&M CO. LTD. PARTNERSHIP AND F&M PRIME CO. LTD. PARTNERSHIP
 1150 N. Freedom Street
 Ravenna, OH 44266
 Kenny McGinnis Phone: (330) 762-7441

MECHANICAL

Valid to: March 31, 2026

Certificate Number: 0363.04

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

Test:	Test Method:
Ford:	
Belt Break-In	Measurement of Flat Track Belt Surface Friction Rev. 4/14/05, Ford Motor Company
Standard Lateral Sweep	CETP 04.04-L407, Ford Motor Company
High Angle Lateral Sweep	CETP 04.04-L408, Ford Motor Company
Longitudinal Sweep	CETP 04.04-L409, Ford Motor Company
Combined Sweep	CETP 04.04-L410, Ford Motor Company
Static Torque	CETP 04.04-L412, Ford Motor Company
Variable Lateral Sweep	CETP 04.04-L415, Ford Motor Company
Brake Sweep	CETP 04.04-L419, Ford Motor Company
F&M:	
RSAT Best Method	SAE J1988
Control Tire	SAE J1988

F&M Equipment Capability

Operating Capabilities for End-Level, Steady State, and Dynamic Tests¹:

Equipment Capabilities and Parameters	Capacity		Control Accuracy
	Minimum	Maximum	
Tire Inflation Pressure (kpa)	N/A	700	± 5
Roadway Speed (kph)	± 5	± 320	± 1
Slip Angle Range (deg)	-30	+30	± 0.01
Inclination Angle Range (deg)	-12	45	± 0.01
Applied Normal Force (N)	N/A	25,000	± 250 ²
Spindle Drive Torque (Nm)	0	± 6000	± 20
Spindle Drive Speed (rpm)	0	± 3000	± 13
Test Cell Temperature (°C)	22	26	± 2.0

Force and Moment Measurement Capabilities for End-Level, Steady State, and Dynamic Tests:

Measured Forces and Moments	Maximum Capacity	Control Accuracy
Fx – Longitudinal Force (N)	20,000	± 250
Fy – Lateral Force (N)	20,000	± 250
Fz – Normal Force (N)	25,000	± 250
Mx – Overturning Moment (Nm)	10,000	± 75
Mz – Aligning Torque (Nm)	3,000	± 20
Ts – Spindle Torque (Nm)	6,000	± 45

¹This laboratory also uses customer supplied specifications directly related to the testing technologies and parameters listed above.

²Note: The Fy Load Cell Capacity limits the Applied Normal Force at higher Slip Angles.



Accredited Laboratory

A2LA has accredited

F&M CO. LTD. PARTNERSHIP AND F&M PRIME CO. LTD. PARTNERSHIP

Ravenna, OH

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 26th day of March 2024.

A blue ink signature of Mr. Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0363.04
Valid to March 31, 2026

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