



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Independent Test Services

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CALIBRATION & TESTING

Valid to: March 19, 2010

Certificate Number: ACT-1165

I. Mechanical Calibration

PARAMETER / EQUIPMENT	RANGE	BEST MEASUREMENT CAPABILITY [EXPRESSED AS UNCERTAINTY(+)]	REFERENCE STANDARD OR EQUIPMENT	METHOD(S)
Load Reading of Radial and Rotary Wheel Testing Equipment	(1 000 to 10 000) lb·f	1 % of reading	Model 1210 AF-10K precision load cell, Model 9820 indicator	ITS W-CAL-001

II. Mechanical Testing

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*DETECTION LIMIT/ RANGE/ EQUIPMENT
Radial Fatigue Testing	Wheels	Fatigue Cracks	SAE J328 plus yellow dye penetrant test	Radial Wheel Test Equipment per J328
Rotary Fatigue Testing	Wheels	Fatigue Cracks	SAE J328 plus yellow dye penetrant test	Rotary Wheel Test Equipment per J328
Impact testing	Wheels	Fatigue Cracks	SAE J175 plus yellow dye penetrant test	Impact Test Equipment per spec. J175
Biaxial testing	Wheels	Fatigue Cracks	SAE J2562	Biaxial Test Equipment

Notes:

1. Best Measurement Uncertainties (Expanded Uncertainty) are based on approximately a 95% confidence interval, using a coverage of $k=2$
2. *As Applicable
3. This scope is part of and must be included with the Certificate of Accreditation No. ACT-1165

Vice President

