



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

ACE Products and Consulting, LLC

6800 N. Chestnut St., Suite C

Ravenna, OH 44266

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2017

while demonstrating technical competence in the field of

TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of tests to which this accreditation applies.

AT-2601

Certificate Number


ANAB Approval

Certificate Valid: 07/16/2018-07/11/2020
Version No. 002 Issued: 07/16/2018



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



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ACE Products and Consulting, LLC

6800 N. Chestnut St. Suite C

Ravenna, OH 44266

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TESTING

Valid to: July 11, 2020

Certificate Number: AT-2601

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Density	ASTM D297 (16.3 Hydrostatic Density)	Rubber / Plastic	Appropriate Balance
Compression Set / % Deflection	ASTM D395 Method B	Rubber / Plastic	Compression Set Fixtures, Hot Air Ovens
Tensile Stress / Strain	ASTM D412	Rubber / Plastic	Tensile Machine
Effects of Liquid % Volume Change / Tensile Properties, Durometer	ASTM D471	Rubber / Plastic	Appropriate Balance, Tensile Machine
Deterioration in Air Oven, Durometer, Tensile, Weight Loss	ASTM D573	Rubber / Plastic	Balance, tensile machine, hardness gage, hot air oven
Tear Strength Die B, Die C, Die T (Trouser Tear)	ASTM D624	Rubber / Plastic	Tensile Tester, Thickness Gage
Plasticity Recovery	ASTM D926	Silicone Rubber	Plastometer
Conditions for Conditioning	ASTM D1349	Rubber / Plastic	Environmental Chamber
Mooney Viscosity	ASTM D1646	Rubber	Mooney Viscometer
Vulcanization Using an ODR	ASTM D2084	Rubber	Rheometer 100
Durometer testing, Type A and OO	ASTM D2240	Rubber / Plastic	Durometer gage
Mixing and Curing Rubber	ASTM D3182	Rubber	Mixers, Mill, Presses
Preparation of Test Pieces, Dumbbells, Tear samples	ASTM D3183	Rubber / Plastic	Dies, Presses, Clickers




Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Measurement of Dimensions	ASTM D3767	Rubber / Plastic	Thickness Gages
MDR	ASTM D5289	Rubber	MonTech RPA 2000
Measurement of Unvulcanized Rheological Properties Using Rotorless Shear Rheometer	ASTM D6204 Method A and B	Rubber	MonTech RPA 2000
Resilience Rebound Using Shob Type Rebound Pendulum	ASTM D7121	Rubber	Zwick Rebound

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-2601.



Vice President

