



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

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

This is to certify that

Product Evaluation Systems, Inc.
637 Donohoe Rd.
Latrobe PA 15650

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

ISO/IEC 17025:2005

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-1504
Certificate Number


ANAB Approval

Certificate Valid: 12/13/2016-12/27/2018
Version No. 002 Issued: 12/13/2016



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. 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 January 2009).



ANSI-ASQ National Accreditation Board

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Product Evaluation Systems, Inc.

637 Donohoe Rd, Latrobe, PA 15650

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TESTING

Valid to: December 27, 2018

Certificate Number: AT - 1504

I. Mechanical

ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY EQUIPMENT OR TECHNOLOGY
Various Metals	Tensile	ASTM E8 and A370	Satec / Instron UTM
Various Metals	Elevated Tensile	ASTM E21	Instron UTM
Various Metals	Compression Testing	ASTM E9	Satec / Instron UTM
Various Metals	Hardness Testing	ASTM E10, E18, E92 and A370	Hardness Tester
Various Metals	Impact Testing	ASTM E23	Impact Tester
Various Metals	Bend Testing	ASTM E290	Bend Fixture
Various Metals	Fracture Toughness Testing	ASTM E399, E647 and E1820	Fracture Frames
Various Metals	Creep / Stress Testing	ASTM E139 and E292	Creep/Stress Machine
Various Metals	Drop Weight Test	ASTM E208	Drop Weight Tester



ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY EQUIPMENT OR TECHNOLOGY
Various Metals	Depth of Decarburization	ASTM E2, E3, E384 and E1077	Olympus PME and PAX-it Software
Various Metals	Effective Case Depth	ASTM E384	Olympus PME and PAX-it Software
Various Metals	Metallography (inclusion rating)	ASTM E45	Olympus PME and PAX-it Software
Various Metals	Grain Size	ASTM E112	Olympus PME and PAX-it Software
Various Metals	IGO	ASTM B487	Olympus PME and PAX-it Software
Various Metals	Corrosion	ASTM A262, G28, G48, A923, SEP 1877 and DIN 50914	Various
Various Metals	Macroetching	ASTM E3, E340, A604 and E381	Various
Various Metals	Microetching	ASTM E407	Various
Various Metals	Microhardness	ASTM E384	Knoop and Vickers Hardness
Various Metals	Jominy	ASTM A255	Jominy Fixture
Various Metals	Heat Treating	AMS 2750	Cress Furnaces, L&L
Various Metals	Metallography (inclusion rating)	ASTM E45	Olympus PME and PAX-it Software

II. Chemical

ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY EQUIPMENT OR TECHNOLOGY
Various Metals	Elements	ASTM E415, E1086 and E1251	OES
Various Metals	Elements	ASTM E1277 and E2371	ICP

ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY EQUIPMENT OR TECHNOLOGY
Various Metals	Nitrogen Oxygen	ASTM E1019 and E1409	Combustion
Various Metals	Carbon Sulfur	ASTM E1019 and E1941	Combustion
Various Metals	Hydrogen	ASTM E1447	Combustion

III. Non-Destructive Testing

ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY EQUIPMENT OR TECHNOLOGY
Various Metals	Liquid Penetrant	ASTM E1417	Visible dye and water washable fluorescent
Various Metals	Magnetic Particle	ASTM E1444	Yoke and Wet fluorescent

Notes:

1. * = As Applicable
2. This scope is formatted as part of a single document including the Certificate of Accreditation No. AT-1504



 Vice President