



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

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

This is to certify that

INSPEC Technical Services (Kunshan)
8 Jin Yang East Road, Lu Jia Zhen
Kunshan, Jiangsu, China

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-1725
Certificate Number


ANAB Approval

Certificate Valid: 11/02/2016-09/18/2018
Version No. 003 Issued: 11/02/2016



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

INSPEC Technical Services (Kunshan)

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TESTING

Valid to: September 18, 2018

Certificate Number: AT - 1725

I. Mechanical Testing of Personal Protective Equipment

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY TECHNOLOGY or EQUIPMENT
Fall protection devices	<p>Items of personal protective equipment (PPE) for fall protection, fall arrest, work positioning and rescue purposes, as specified in nationally and internationally published standards and draft standards.</p> <p>Types of PPE include belts, harnesses, lanyards (fixed length, adjustable and retracting, but excluding chains), energy absorbers, fall arresters, lifelines (fixed and retracting), connectors and connecting hardware (but excluding connectors that contain a textile element) and combinations of the above.</p>	<p><u>Visual inspection</u> of specimens for physical attributes, marking and manufacturer's information.</p> <p><u>Conditioning of specimens</u> involving measurement of time (1 s to 5 days), air and water temperature (-40°C to 80°C), relative humidity (2% to 98%), volume flow rate of water (0.1 l/min to 1.2 l/min), mass (1 mg to 21 kg), pH of salt solution (0 to 14), density of salt solution (1.00 to 1.05 g/ml); -at ambient conditions in laboratory; -at various temperatures and relative humidities in closed chambers; -by water immersion; -by water spray; -by salt spray (fog) for corrosion tests.</p> <p><u>Mechanical tests</u> involving assessment of physical characteristics of specimens and measurement of force (1 N to 50 kN), distance (0.01 mm to 8 m), time (0.2 ms to 8 h), mass (1 mg to 21 kg), angle (0° to 180°), during: -drop tests -tensile tests -compression tests -slippage tests -extension/elongation tests -abrasion tests -corrosion tests</p>	<p>Flexible scope: The laboratory may modify, improve, and develop test methods with current capabilities and update this scope at least annually.</p> <p>Specific standards with verified capabilities :</p> <p>EN 341 EN 353.1 EN 353-2 EN 354 EN 355 EN 358 EN 360 EN 361, EN 362 EN 813, EN 1497</p> <p>ANSI Z359.1 ANSI Z359.11 ANSI Z359.12 ANSI Z359.13 ANSI Z359.14 ANSI Z359.15</p> <p>CSA Z259.2.1 CSA Z259.2.2 CSA Z259.10 CSA Z259.11 CSA Z259.12</p>	<p>Tension and compression testing machines</p> <p>Drop tower</p> <p>Drop masses</p> <p>Dummy torsos</p> <p>Load cells and data acquisition instruments</p> <p>Laser range finder</p> <p>Abrasion tester</p> <p>Incubator, freezer and water tank</p> <p>Salt spray cabinet</p> <p>Measuring rules, tapes, gauges, protractor, etc.</p> <p>Thermometers</p> <p>Timers</p>



FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	KEY TECHNOLOGY or EQUIPMENT
Head protection (helmets)	Industrial safety helmets	Mechanical tests Excluding: Very high temperature test; Molten metal test	EN 397	Drop towers Drop masses, strikers and anvils Load cells, accelerometers and data acquisition instruments
	Industrial bump caps	Mechanical tests	EN 812	Retention, strength and roll-off test rigs
	Helmets for pedal cyclists, users of skateboards and roller skates	Mechanical tests	EN 1078 ASTM F 1492 ASTM F 1447 CPSC 16 CFR 1203	Flammability test rig
	Helmets for equestrian activities	Mechanical tests	ASTM F 1163	Headforms Incubator, freezer and water tank
	Protective headgear	Mechanical tests Excluding: Chin bar rigidity test	ASTM F 1446	UV rig Measuring rules, tapes, gauges, protractor, etc. Thermometers Timers

Notes:

1. * = As Applicable
2. This scope is formatted as part of a single document including the Certificate of Accreditation No. AT-1725


 Vice President