



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CTT GROUP
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THERMAL

Valid To: February 29, 2028

Certificate Number: 7555.03

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

<u>Test Method(s):</u>	<u>Test Description(s):</u>
Apparel and Other Finished Textile Products:	
Others (fire and flammability)	
16 CFR Part 1610	Standard for the Flammability of Clothing Textiles– except Dry Cleaning
16 CFR Part 1615	Standard for the Flammability of Children's Sleepwear: Sizes 0 through 6X (FF-3-71)
16 CFR Part 1616	Standard for the Flammability of Children's Sleepwear: Sizes 7 through 14 (FF 5-74)
49 CFR Part 571.302	Standard No. 302; Flammability of Interior Materials (FMVSS 302)
ASTM D2859	Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials
ASTM D6413	Standard Test Method for Flame Resistance of Textiles (Vertical Test)
ASTM E1354	Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter
ASTM E162	Standard Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source
ASTM E662	Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials
ASTM F1506	Standard Performance Specification for Flame Resistant and Electric Arc Rated Protective Clothing Worn by Workers Exposed to Flames and Electric Arcs Except for: Article: 7.7 Arc Rating, Article: 7.6.2 Flammability after Dry Cleaning, Article: 7.5.1 Dimensional change after Dry Cleaning (articles # are from 2022 edition)
ASTM F1891	Standard Specification for Arc and Flame Resistant Rainwear (Except for: Tearing strength et Stiffness)

<u>Test Method(s):</u>	<u>Test Description(s):</u>
ASTM F1930	Evaluation of Flame Resistant Clothing for Protection Against Fire Simulations Using an Instrumented Manikin
Bombardier SMP 800-C	Toxic Gaz Generation
California Technical Bulletin 117	Requirements, Test Procedure and Apparatus for Testing the Flame Retardance of Resilient Filling Materials Used in Upholstered Furniture, (Only section 1)
CAN/CGSB 4.2 No. 78.1	Thermal Protective Performance of Material for Clothing
CAN/ULC S109	Flame Tests of Flame Resistant Fabrics and Films
CPAI-84	Specification for Flame-Resistant Materials in Camping Tentage
CAN/ULC S668	Standard for Liners Used for Secondary Containment of Aboveground Flammable and Combustible Liquid Tanks. Except for secondary containment liner class III and vapor transmission test and Flammability test
ISO 15025	Protective clothing - Protection against heat and flame - Method of test for limited flame spread
UL 94 PAR 8 VB	Test for flammability of polymeric materials used for parts in devices and appliances
NFPA 701	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films (Only for: Method 1)
Apparel:	
16 CFR Part 1500.53	Test methods for simulating use and abuse of toys and other articles intended for use by children over 36 but not over 96 months of age – (Only for Tension Test)
ANSI/ISEA 107	High Visibility Safety Apparel and Accessories (Except for: Drycleaning (AATCC 158 method, Commercial Dimensional Change (AATCC 96-2012) and Color fastness to heat : hot pressing (AATCC 133))
ASTM B117	Standard Practice for Operating Salt Spray (Fog) Apparatus
ASTM D2810	Standard Test Method for pH of Leather
ASTM E1164	Standard Practice for Obtaining Spectrometric Data for Object-Color Evaluation
ASTM E809	Standard Practice for Measuring Photometric Characteristics of Retroreflectors
ASTM F2992 / F2992M	Standard Test Method for Measuring Cut Resistance of Materials Used in Protective Clothing with Tomodynamometer (TDM-100) Test Equipment
ASTM F903	Standard Test Method for Resistance of Materials Use in Protective Clothing to Penetration by Liquids
CAN/CGSB 155.20	Workwear for protection against hydrocarbon flash fire and optionally steam and hot fluids. Except for: Drycleaning (AATCC 158 method) and labels
CAN/CGSB 155.22	Fireline workwear for wildland firefighters (Except for: polarizing microscope and heat thermal shrinkage)
CAN/CGSB 4.2 No. 27.5	Flame Resistance - 45° Angle Test - One Second Flame Impingement
CSA Z96	High Visibility Safety Apparel Except for: Drycleaning (ASTM D2724 method and Color fastness to heat: hot pressing (AATCC 133))

<u>Test Method(s):</u>	<u>Test Description(s):</u>
EN 388	Protective gloves against mechanical hazards (except, blade cut)
EN 471	High Visibility Warning Clothing Except for: ISO 105-E04, ISO 105-N01, ISO 105-X11, ISO 13938-1 and ISO 4674-1 methods)
ISO 17492	Clothing for protection against heat and flame - Determination of heat transmission on exposure to both flame and radiant heat
ISO 20471	High Visibility Clothing -- Test Methods and Requirements (only for: Colour Determination)
NFPA 1970 (included NFPA 1971)	Standard on Protective Ensembles for Structural and Proximity Firefighting, Work Apparel, Open-circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services, and Personal Alert Safety Systems (PASS) (Only for: Articles: 9.2.1 Flame resistance test 1, 9.2.4 Heat and thermal shrinkage, 9.2.16 Thermal protective performance, 8.11 Thread Melting, 9.3.1 Tear, 9.3.3 Burst Strength, 9.9.1 Cleaning shrinkage, 9.4.2 Water penetration, 9.4.3 Liquid penetration, 9.7.1 Total Heat Loss (THL), 9.8.1.4 Retroreflectivity and fluorescence test, (articles # are from edition 2025)
NFPA 1950 (included NFPA 1977 + NFPA 1999)	Standard on Protective Clothing and Equipment for Wildland Fire Fighting Only for: Articles: 8.6 Tear resistance, 8.7 Cleaning Shrinkage, 8.9 Thread Heat Resistance, 8.16 Retroreflectivity, (Article numbers are from 2022 edition)
NFPA 2112	Standard on Flame-Resistant Garments for Protection of Industrial Personnel against Flash Fire Only for: Articles: 8.2 HTP, 8.3 Flame Resistance Test, 8.4 Heat and Thermal Shrinkage Resistance Test, 8.5 Manikin Test, 8.6 Thread Heat Resistance) Except for Drycleaning (AATCC 158 method). (Article numbers are from 2023 edition)
Floor Coverings:	
CAN/CGSB 4.2 No. 27.6	Flame Resistance - Methenamine Tablet Test for Textile Floor Coverings



Accredited Laboratory

A2LA has accredited

CTT GROUP

Saint-Hyacinthe, Quebec

for technical competence in the field of

Thermal 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 31st day of August 2026.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 7555.03
Valid to February 29, 2028

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