



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY CANADA INC.\*

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THERMAL  
(FIRE TESTING)

Valid To: October 31, 2024

Certificate Number: 6524.03

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

<b><u>Test Method:</u></b>	<b><u>Test Description:</u></b>
14 CFR Part 25 App. F, part I	Bunsen Burner Tests for Cabin Materials as cited in FAR 25.853(a), 25.855(a), 25.857(a), 29.853(a), 49 CFR Part 238 (Passenger Railcar Materials) and FTA Docket 90-A (Transit Bus and Van Materials)
14 CFR Part 25 App F, part V	Smoke Generation of Aerospace Materials as cited in FAR 25.853(d)
16 CFR 1610	Commercial practices - standard for the flammability of clothing textiles
16 CFR 1615	Commercial practices - standard for the flammability of children's sleepwear: sizes 0 through 6X (FF 3-71)
16 CFR 1632	Commercial practices - standard for the flammability of mattresses and mattress pads (FF 4-72, amended) (supersedes California TB 106)
16 CFR 1633	Commercial practices - standard for the flammability (open flame) of mattress sets (supersedes California TB 603)
ASTM C1166	Standard test method for flame propagation of dense and cellular elastomeric gaskets and accessories
ASTM D635	Standard test method for rate of burning and/or extent and time of burning of plastics in a horizontal position
ASTM D1929	Standard test method for determining ignition temperature of plastics
ASTM D2863	Standard Test Method for Measuring the Minimum Oxygen Concentration to Support Candle-Like Combustion of Plastics.
ASTM D3675	Standard test method for surface flammability of flexible cellular materials using a radiant heat energy source
ASTM D6413/D6413M	Standard test method for flame resistance of textiles (vertical test)
ASTM E84	Standard test method for surface burning characteristics of building materials
ASTM E2768	Standard Test Method for Extended Duration Surface Burning







## *Accredited Laboratory*

A2LA has accredited

**ELEMENT MATERIALS TECHNOLOGY CANADA INC.**

*Mississauga, Ontario, Canada*

for technical competence in the field of

**Thermal Testing**

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



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