



MATTRESS FLAMMABILITY TESTING

QAI CONTINUES TO ENHANCE THE CUSTOMER EXPERIENCE

Who we are.

QAI is an International Accreditation Service (IAS) accredited and Consumer Safety Products Commission (CPSC) recognized testing laboratory with an extensive mattress flammability offering. Our knowledgeable staff is able to support your North American compliance needs to ensure you can get your products to market in a timely manner.

What we do.

QAI's mattress flammability testing includes the following methods:

- BS 6807 / Assessment of Ignitability of Mattress, Divans and Bed Bases
- BS 7175 / Assessment of Ignitability of Bed Covers and Pillows
- BS 7177 / Resistance to Ignition of Mattresses, Divans and Bed Bases
- BS EN 597-1 / Smouldering Cigarette Ignition - Mattress
- BS EN 597-2 / Match Flame Equivalent - Mattress
- CPSC 16 CFR 1632 / Mattress Cigarette Test
- CPSC 16 CFR 1633 / Open Flame Mattress Test
- CAN/ULC S137 / Standard Method of Test for Fire Growth of Mattresses
- ASTM E1590 / Standard Test Method for Fire Testing of Mattresses



What's new?

Our new 40,000 ft² facility finally feels like home after two years since our first piece of equipment was set-up, and like many of you; we've weathered the Covid 'storm'. Quality is in our name, so our focus has been on improvement - updating/rehabbing equipment, adding new capabilities, training, improving work flows and adapting to virtual visitors.

Major work flow advancements have resulted in 24 hour report turnaround times. We have also added state of the art cameras that allow for real-time test viewing from the comfort of your office. Lastly, our 2nd calorimetry cell should be operational by the start of Q4 2021 which will allow us to perform more tests daily.



About QAI.

QAI is a testing, inspection and certification agency of Recreational Vehicles, Factory Built Structures, and Building and Electrical Products. Founded in 1994 by a group of experienced industry professionals, QAI is an independent 3rd party organization that has established an international reputation for offering cost effective solutions and an unparalleled client experience.

For more information pertaining to QAI's testing, inspection and certification services, please contact us via:
info@qai.org

