



SPRINKLER HEAD EVALUATION

PERFORMANCE TESTING FOR
NFPA 25 COMPLIANCE

NFPA 25 requires that sprinkler heads be periodically removed from installed systems and evaluated under controlled laboratory conditions. Field observation alone cannot confirm whether a head will activate as intended during a fire event.

What the Evaluation Includes

Submitted sprinkler heads are tested using oven heat methods in accordance with ULC S199 Section 33.2, as referenced by NFPA 25. Each evaluation covers:

- Activation time measurement under standardized temperature conditions
- Verification of proper operation and flow after activation
- Written evaluation report for inspection records and compliance documentation

All testing is performed under QAI's ISO/IEC 17025 accreditation, with documented procedures, traceability, and quality oversight.

Who This Service Supports

This evaluation is available in Canada for fire protection companies performing NFPA 25 inspections, fire safety service providers supporting building compliance, and authorities having jurisdiction requiring laboratory verification. Samples are submitted directly to our laboratory for testing.

Contact us at info@qai.org for your sprinkler head evaluation inquiries.

About QAI

Founded in 1995, QAI is a testing, inspection, and certification body (CB) that holds accreditations with IAS and the Standards Council of Canada (SCC), and is recognized by OSHA as a Nationally Recognized Testing Laboratory (NRTL). From initial planning through final approval, QAI provides a structured and efficient certification process.



Oven Heat Testing Per ULC S199 33.2



NFPA 25 Lab Evaluation for
Removed Sprinkler Heads



Written Evaluation Report for
Records and Compliance Files