Specific Accreditation Criteria

ISO/IEC 17025 Application Document

Manufactured Goods - Annex

Fire safety testing

July 2018

[PUBLIC]

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Fire safety testing

This document provides interpretative criteria and recommendations for the application of ISO/IEC 17025 for both applicant and accredited facilities conducting fire safety testing.

Applicant and accredited facilities must comply with all relevant documents in the NATA Accreditation Criteria (NAC) package for Manufactured Goods (refer to NATA Procedures for Accreditation).

The clause numbers in this document follow those of ISO/IEC 17025 but since not all clauses require interpretation the numbering may not be consecutive.

6 Resource requirements

6.3 Facilities and environmental conditions

6.3.1 A facility involved with fire testing should adopt measures, including adequate barriers, to prevent fire hazards.

Potentially hazardous gas cylinders must be kept well away from the fire testing environment.

Appropriate fire extinguishers should be accessible.

6.4 Equipment

6.4.1 The critical dimensions of the apparatus must be measured and recorded to establish compliance with the requirements of AS 1530.1, .3 and .4 *Methods for fire tests on building materials, components and structures.*

6.4.5 Due to the limitations in access of thermopile calibrations across a number of measurement points, the linearity across the entire measurement range must be determined where extrapolation is made and records of this determination kept.

References

This section lists publications referenced in this document. The year of publication is not included as it is expected that only current versions of the references shall be used.

Standards

AS/NZS 1530	Methods for fire tests on materials, components and structures
ISO/IEC 17025	General requirements for the competence of testing and calibration laboratories

NATA publications

NATA Accreditation Criteria (NAC) package for Manufactured Goods

Amendment Table

The table below provides a summary of changes made to the document with this issue.

Section or Clause	Amendment
Whole document	Clauses have been aligned with ISO/IEC 17025:2017. No new interpretative criteria or recommendations have been included other than editorial changes. Addition of Security Classification Label