



# **Specific Accreditation Criteria**

## **ISO/IEC 17025 Application Document Manufactured Goods - Annex**

### **Fire safety testing**

**July 2018**

**© Copyright National Association of Testing Authorities, Australia 2013**

This publication is protected by copyright under the Commonwealth of Australia Copyright Act 1968.

NATA's accredited facilities or facilities seeking accreditation may use or copy this publication or print or email this publication internally for accreditation purposes.

Individuals may store a copy of this publication for private non-commercial use or copy a reasonable portion of this publication in accordance with the fair dealing provisions in Part III Division 3 of the Copyright Act 1968.

You must include this copyright notice in its complete form if you make a copy of this publication.

Apart from these permitted uses, you must not modify, copy, reproduce, republish, frame, upload to a third party, store in a retrieval system, post, transmit or distribute this content in any way or any form or by any means without express written authority from NATA.

## Table of Contents

6	Resource requirements.....	4
6.3	Facilities and environmental conditions.....	4
6.4	Equipment .....	4
	References.....	5
	Amendment Table.....	5

## 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.