




Specific Accreditation Criteria

Manufactured Goods ISO/IEC 17025 Annex

Fire Safety testing

January 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.



Fire Safety testing

This document provides interpretative criteria and recommendations for the application of ISO/IEC 17025 for fire safety testing.

Applicant and accredited facilities must also comply with ISO/IEC 17025 and the NATA ISO/IEC 17025 Standard Application Document (SAD).

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.

5.3 Accommodation and environmental conditions

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.

5.5 Equipment

Apparatus for fire tests

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

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.

AS/NZS 1530 *Methods for fire tests on materials, components and structures*

AS/NZS 60695 *Fire Hazard Testing - Test flames - Needle-flame test method - Apparatus, confirmatory test arrangement and guidance*

Amendment Table

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

AMENDMENT TABLE	
Section	Amendment
New Document	This document represents a direct adoption of the former PAT Appendix E – Flammability testing as circulated for Public Comment in December 2016. The technical content is unchanged.