Laboratory Accreditation Programmes

Schedule to

CERTIFICATE OF ACCREDITATION

Uncontrolled copy printed from the internet

Southbrook Fire Research Ltd **Client Number 9758**

22 Kingsford Smith Drive, Rangiora, 7691

Telephone **03 310-6321** **www.southbrookfire.co.nz**

Authorised Representative
Kyle Koke
Laboratory Manager

Programme
Applied Physics Testing Laboratory

Accreditation Number 1397 **Initial Accreditation Date** 25 November 2021

Conformance Standard
ISO/IEC 17025:2017
General requirements for the competence of testing and calibration laboratories

Laboratory Services Summary

6.32	Reaction to Fire
6.33	Fire Resistance Tests

Key Technical Personnel

Mathew Hooper	6.32, 6.33
Kyle Koke	6.32, 6.33
Yang Zhang	6.32, 6.33

IANZ; Building 7, Central Park, 660-670 Great South Road, Ellerslie, Auckland 1051
Private Bag 28908, Remuera, Auckland 1541
Tel 09-525 6655 info@ianz.govt.nz ***ianz.govt.nz***

Uncontrolled copy printed from the internet

Southbrook Fire Research Ltd
Applied Physics Testing Laboratory
SCOPE OF ACCREDITATION

Accreditation Number 1397

6.32 Reaction to Fire

(d) Cone calorimeter

AS/NZS 3837	Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter
ISO 5660-1	Reaction-to-fire tests — Heat release, smoke production and mass loss rate — Part 1: Heat release rate (cone calorimeter method) and smoke production rate (dynamic measurement)

6.33 Fire Resistance Tests

Testing carried out in a furnace size 1.5 m x 1.5 m x 1.5 m or in a furnace size 3.8 m x 1.5 m x 1.5 m (wall only)

AS 1530.4	Methods for fire tests on building materials, components and structures – Part 4. Fire resistance tests of elements of construction

For the following sections only:
Section 2. General requirements
Section 3. Walls – Vertical Separating Elements
Non-loaded, reduced specimen size, for access panel tests only
Section 4. Floors, Roofs and Ceiling Horizontal Separating Elements
Non-loaded, reduced specimen size, for access panels, light fittings and protection of light fitting tests only
Section 5. Columns
Non-loaded, reduced specimen size samples of maximum size 1.1 m
Section 6. Beams, Girders and Trusses
Non-loaded, reduced specimen size samples of maximum size 1.1 m
Section 7. Doorsets and shutter assemblies
Section 9. Air Ducts
Clause 9.1(b) and associated clauses for internal fire testing only
Section 10. Service penetrations and control joints
Section 12. Critical Services

AS 3013	Electrical installations - Classification of the fire and mechanical performance of wiring system elements Appendix A. Fire Test Method—Cables and Busways Appendix C. Fire Test Method—Supports and Fixings
AS 4072.1	Components for the protection of openings in fire-resistant separating elements – Part 1. Service penetrations and control joints

For the following section only:

IANZ; Building 7, Central Park, 660-670 Great South Road, Ellerslie, Auckland 1051
Private Bag 28908, Remuera, Auckland 1541
Tel 09-525 6655 info@ianz.govt.nz ***ianz.govt.nz***

CERTIFICATE OF ACCREDITATION

Southbrook Fire Research Ltd
Applied Physics Testing Laboratory — Accreditation Number 1397

SCOPE OF ACCREDITATION

Section 3. Determination of fire resistance and classification of penetration systems

EN 1363-1	Fire resistance tests for service installations - Part 1: General requirements
EN 1366-3	Fire resistance tests for service installations - Part 3: Penetration seals

Uncontrolled copy printed from the internet

IANZ; Building 7, Central Park, 660-670 Great South Road, Ellerslie, Auckland 1051
Private Bag 28908, Remuera, Auckland 1541
Tel 09-525 6655 info@ianz.govt.nz ***ianz.govt.nz***