



CERTIFICATE OF ACCREDITATION

This is to attest that

WESTERN FIRE CENTER, INC.

2204 PARROTT WAY
KELSO, WASHINGTON, 98626, U.S.A.

Testing Laboratory TL-180

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date June 27, 2022



A handwritten signature in black ink, reading "Raj Nathan".

President

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

WESTERN FIRE CENTER, INC.

Contact Name Brent Pickett

Contact Phone +1-360-426-1400

Accredited to ISO/IEC 17025:2017

Effective Date June 27, 2022

Fire	
Building Assemblies	
1997 UBC 7-1	Fire tests of building construction and materials
1997 UBC 8-2	Standard test method for evaluating room fire growth contribution of textile wall covering
1997 UBC 26-3	Room fire test standard for interior of foam plastic systems
ANSI/APA PRG 320	Standard for performance-rated cross-laminated timber (Annex B only)
ASTM E119	Standard test methods for fire tests of building construction and materials (vertical and horizontal)
ASTM E1529	Standard test methods for determining effects of large hydrocarbon pool fires on structural members and assemblies
ASTM E1623	Standard test method for determination of fire and thermal parameters of materials, products, and systems using an intermediate scale calorimeter (ICAL)
ASTM E2707	Standard test method for determining fire penetration of exterior wall assemblies using a direct flame impingement exposure
ASTM E2886	Standard Test Method for Evaluating the Ability of Exterior Vents to Resist the Entry of Embers and Direct Flame Impingement
ASTM E2957	Standard Test Method for Resistance to Wildfire Penetration of Eaves, Soffits and Other Projections
ASTM E3048	Standard Test Method for Determination of Time to Burn-Through Using the Intermediate Scale Calorimeter (ICAL) Radiant Panel
BS 476-20	Fire tests on building materials and structures – part 20: method of test for determination of the fire resistance of elements of construction (general principles)
BS 476-21	Fire tests on building materials and structures – part 21: methods for determination of the fire resistance of loadbearing elements of construction
BS 476-22	Fire tests on building materials and structures – part 22: method for determination of the fire resistance of non-loadbearing elements of construction

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BS 476-23	Fire tests on building materials and structures – part 23: methods for determination of the contribution of components to the fire resistance of a structure
BS 476-24	Fire tests on building materials and structures – part 24: method for determination of the fire resistance of ventilation ducts
CA SFM 12-7a-1	Materials and construction methods for exterior wildfire exposure - exterior wall siding and sheathing (exterior walls)
CA SFM 12-7a-3	Materials and construction methods for exterior wildfire exposure – eave (eaves under)
CAN/ULC S101	Standard methods of fire endurance tests of building construction and materials
ICC ES AC14	Prefabricated wood I-joists (test methods referenced in sections A4.4.1 and A4.4.5)
IMO FTP Code Part 3	Test for “A”, “B” and “F” class divisions (IMO res. A.754 (18))
ISO 834	Fire resistance tests – Elements of building construction – Part 1: General requirements
ISO 9705	Fire-tests – Full-scale room test for surface products
NFPA 251	Standard methods of tests of fire resistance of building construction and materials
NFPA 268	Standard test method for determining ignitability of exterior wall assemblies using a radiant heat energy source
NFPA 286	Standard methods of fire tests for evaluating contribution of wall and ceiling interior finish to room fire growth
UL 72	Standard for tests for fire resistance of record protection equipment
UL 263	Standard for fire tests of building construction and materials
UL 1709	Standard for rapid rise fire tests of protection materials for structural steel
UL 1715	Standard for fire test of interior finish material
UL 1975	Standard for fire tests for foamed plastics used for decorative purposes
UL 2043	Standard for fire test for heat and visible smoke release for discrete products and their accessories installed in air-handling spaces
UL 2079	Standard for tests for fire resistance of building joint systems
Interior Finish	
ASTM E2257	Standard test method for room fire test of wall and ceiling materials and assemblies
NFPA 265	Standard methods of fire tests for evaluating room fire growth contribution of textile or expanded vinyl wall coverings on full height panels and walls

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NFPA 286	Standard methods of fire tests for evaluating contribution of wall and ceiling interior finish to room fire growth
UL 1715	Standard for fire test of interior finish material
UL 1975	Standard for fire tests for foamed plastics used for decorative purposes
Stops/Dampers	
1997 UBC 7-5	Fire tests of through-penetration fire stops
ASTM E814	Standard test method for fire tests of penetration firestop systems
ASTM E1966	Standard test method for fire-resistive joint systems
ASTM E2912	Standard Test Method for Fire Test of Non-Mechanical Fire Dampers Used in Vented Construction
ISO 6944	Fire resistance tests – ventilation ducts
UL 1479	Standard for fire tests of penetration firestops
Doors	
1997 UBC 7-2	Fire tests of door assemblies
ASTM E2074	Standard test method for fire tests of door assemblies, including positive pressure testing of side-hinged and pivoted swinging door assemblies
ISO 3008	Fire-resistance tests – door and shutter assemblies
NFPA 252	Standard methods of fire tests of door assemblies
NFPA 288	Standard methods of fire tests of horizontal fire door assemblies installed in horizontal fire resistance-rated assemblies
UL 10B	Standard for fire tests of door assemblies
UL 10C	Standard for positive pressure fire tests of door assemblies
Windows	
1997 UBC 7-4	Fire tests of window assemblies
ASTM E163	Methods for fire tests of window assemblies
ASTM E2010	Standard test method for positive pressure fire tests of window assemblies
CA SFM 12-7a-2	Materials and construction methods for exterior wildfire exposure – exterior windows (Window assemblies)
NFPA 257	Standard on fire test for window and glass block assemblies
UL 9	Standard for fire tests of window assemblies
Roof Coverings	

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1997 UBC 15-2	Test standard for determining the fire retardancy of roof assemblies
ASTM E108	Standard test methods for fire tests of roof coverings
IEC 61730-1	Photovoltaic (PV) module safety qualification - part 1: requirements for construction (annex A)
NFPA 256	Standard methods of fire tests of roof coverings
UL 790	Standard for standard test methods for fire tests of roof coverings
UL 1703	Standard for flat-plate photovoltaic modules and panels (section 31)
Thermal Barriers	
1997 UBC 26-2	Test method for the evaluation of thermal barriers
Furniture	
ASTM E1537	Standard test method for fire testing of upholstered furniture (only section 5.9.3 C)
CA TB 133	Flammability test procedure for seating furniture for use in public occupancies (only section VII.B.1 and 2)
Decking	
ASTM E2632/E2632M	Standard test method for evaluating the under-deck fire test response of deck materials
ASTM E2726/E2726M	Standard test method for evaluating the fire-test response of deck structures to burning brands
CA SFM 12-7a-4	Materials and construction methods for exterior wildfire exposure- decking (Decks)
Physical	
ASTM D2898	Standard Practice for Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing
ASTM D7032	Standard specification for establishing performance ratings for wood-plastic composite and plastic lumber deck boards, stair treads, guards, and handrails (only section 4.7, excluding section 4.7.1)
ICC ES AC14	Prefabricated wood I-joists (test methods referenced in sections A4.4.1 and A4.4.5)
ICC ES AC62	Disodium octaborate tetrahydrate (DOT) wood preservative systems (test methods referenced in annex A, section A 2.1-2.4)
ICC ES AC326	Proprietary wood preservative systems—common requirements for treatment process, test methods and performance (test methods referenced in appendix J, sections J7.2.1-J7.2.4)

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ICC ES EG107	Evaluation guideline for fire-retardant-treated wood roof systems (amended rain test only)
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TB: Technical Bulletin

IMO: International Maritime Organization

SFM: State Fire Marshall

UBC: Uniform Building Code