CERTIFICATE OF ACCREDITATION

This is to attest that

INTERTEK TESTING SERVICES NA, INC.

545 EAST ALGONQUIN ROAD
ARLINGTON HEIGHTS, ILLINOIS 60005, U.S.A.

Product Certification Agency PCA-101

has met the requirements of the applicable provisions of AC370, *IAS Accreditation Criteria for Product Certification Agencies*, has demonstrated compliance with ISO/IEC Standard 17065:2012, *Conformity assessment - Requirements for bodies certifying products, process and services.* This third-party product certification agency is accredited to provide the services specified in the scope of accreditation.

Effective Date December 18, 2023

_____
President

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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INTERTEK TESTING SERVICES NA, INC.

www.intertek.com

Contact Name Jean-Philippe (JP) Kayl

Contact Name Gregory Dupuis

Contact Phone +1-847-439-5667

Accredited to ISO/IEC 17065:2012

Effective Date December 18, 2023

Products Category	Certification Scheme and Scheme Owner / Standard
BUILDING MATERIALS WITH SURFACE BURNING CHARACTERISTICS	**Intertek Testing Services NA, Inc.**
• Building Materials with Surface Burning Characteristics, including: o Glass-Fiber-Reinforced Plastic o Glazing Surface Films o Insulation o Painting & Coating o Panels o Plastics o Pipes o Siding o Wood Treatment	SMS-BC-OP-19 Building & Construction ETL WH Certification Program Scheme Type 5

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FIRE RESISTANT PRODUCTS AND COMPONENTS	Intertek Testing Services NA, Inc.
• Fire-Rated Door and Frame Products, including: 　○ Access Door/Frame Assemblies 　○ Door Frames 　○ Category A – Doors – No Additional Edge-Sealing System Required 　○ Category B – Doors – Additional Edge-Sealing System Required 　○ Category C – Proprietary Frames 　○ Category C – Standard Frames 　○ Category D – Door/Frame Assemblies • Category F – Light Kits	SMS-BCF-OP-19 Building & Construction WH Opening Protective Certification Program Scheme Type 5
Products Category	Certification Scheme and Scheme Owner / Standard
• Category G – Edge-Sealing Systems • Category H – Smoke and Draft Control Gasketing • Door & Frame Hardware • Door Light Frame/Kits Door • Doors – Rolling Steel • Elevator Door/Frame Assemblies • Fire Window Frames • Linen Chute Door/Frame Assemblies • Security Fire Door & Frame Assemblies	SMS-BC-OP-19 Building & Construction ETL WH Certification Program Scheme Type 5

- Category I – Smoke and Draft Control Door Assemblies - Proscenium Fire Safety Curtains - Expansion/Seismic Joints - Exterior Insulation and Finish Systems (EIFS) - EIFS Category 2 - EIFS Category 3 - Fire, Ceiling & Smoke Dampers - Fire Resistive Cables - Firestop Systems - Fixtures for Recessed Installation in Fire Rated Constructions - Garbage Chutes - Roofing Products, including: - Roof Covering Systems - Roof/Ceiling, Floor/Ceiling, Beam & Column Assemblies - Wall Assemblies - Includes Additional Components for Wall Assemblies	
- Fire Door Components - Gasketing, Seals and Thresholds - Glazing/Glass - Smoke Control Door Assemblies - Countertops for use with Vertical Rolling Doors	SMS-BC-OP-19 Building & Construction ETL WH Certification Program SMS-BCF-OP-19 Building & Construction WH Opening Protective Certification Program Scheme Type 5

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FIRE RESISTANT PRODUCTS AND COMPONENTS	Intertek Testing Services NA, Inc.
• Fire Suppression Equipment	SMS-BC-OP-19 Building & Construction ETL WH Certification Program Scheme Type 5
MANUFACTURED WOOD PRODUCTS	**Intertek Testing Services NA, Inc.**

• Building Panels
• Column & Open Web Trusses
• Finger Jointed, Machine Stress-Rated Lumber
• Metal Plate Connected Wood Trusses
• Preservative Treated Wood
• Plastic/Composite Decking & Railing
• Prefabricated Joists
• Preserved Wood Foundation Materials
• Structural Composite Lumber (SCL)
    o Parallel Stand Lumber (PSL)
    o Laminated Veneer Lumber (LVL)
• Structural Glue-Laminated Timber
• Wood Shakes and Shingles
• Miscellaneous Manufactured Wood Products
	SMS-BC-OP-19 Building & Construction ETL WH Certification Program Scheme Type 5

WINDSTORM RESISTANT PRODUCTS	**Intertek Testing Services NA, Inc.**
• Doors • Frames • Locks & Latches o Locks & Latches – Components	SMS-BCF-OP-19 Building & Construction WH Opening Protective Certification Program Scheme Type 5

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RESIDENTIAL INSULATION	Environmental Protection Agency (EPA)
- Insulation Products - Blanket Insulation - Spray or Pour Foam - Loose Fill Insulation - Board Insulation - Reflective Insulation Products - Single Sheet System - Multiple Sheet System - Foam Insulation Portion of Insulated Concrete Forms (ICFs)	ENERGY STAR® Program - Seal and Insulate for Residential Insulation Manufacturers (Version 1.0, September 23, 2011) Intertek Procedures for Seal and Insulate with ENERGY STAR® Program SMS-BC-OP-19 Building & Construction ETL WH Certification Program Scheme Type 5
PLUMBING PRODUCTS	**Environmental Protection Agency (EPA)** **Intertek Testing Services NA, Inc.**
- High Efficiency products, including: - Toilets - Flushing Urinals - Bathroom Sink Faucets - Showerheads	EPA WATERSENSE® PROGRAM (Version 2.1, January 31, 2016) SMS-EPAWS-OP-19 Building & Construction ETL WH Certification Program Scheme Type 5
OTHER PLUMBING PRODUCTS	**Intertek Testing Services NA, Inc.**
- DWV, Drain and Sewer Pressure - Plumbing Fitting & Accessories - Plumbing Fixtures - Including Standards on Fixtures for Use in Recreational Vehicles - Roof Drains - Showerheads - Stainless Steels - Thermosetting Plastics - Vitreous China	SMS-BC-OP-19 Building & Construction ETL WH Certification Program Scheme Type 5

SOLID FUEL PRODUCTS	Intertek Testing Services NA, Inc.
650°C Factory-Built Chimneys - Chimney Liners - Electrical Features of Fuel-Burning Equipment - Factory Built Chimney Connectors - Factory-Built Fireplaces - Fireplace Accessories - Fireplace Inserts - Fireplace Stoves - Heat Shields - Lining Systems for Chimneys and Vents - Liners for New Masonry Chimneys - Pellet Fuel-Burning Type 1 Room Heaters - Pellet Vents - Wood-Fired Baking Ovens - Solid-Fuel-Fired Central Heating Appliances - Solid-Fuel and Combination-Fuel Central & Supplemental Furnaces - Solid-Fuel Type Room Heaters - Space Heaters to use Particulate Solid Fuel - Steel Liner Assemblies for Solid Fuel Burning Masonry Fireplaces - Vented Gas Fireplace Heaters	SMS-BCH-OP-19 Building & Construction ETL WH Hearth Certification Program SMS-ETL-OP-19 ETL Certification Program Scheme Type 5

GAS & OIL PRODUCTS	Intertek Testing Services NA, Inc.
• Aboveground Steel Tanks for Fuel Oil & Lubricating Oil	SMS-ETL-OP-19 ETL Certification Program Scheme Type 5

• Decorative Gas Appliances for Installation in Vented Fireplaces
• Gas-Fired
   o Gas-Fired Appliances for Outdoor Installation
   o Gas-Fired Appliances for Use at High Altitudes
   o Gas-Fired Brooders
   o Gas-Fired Gravity and Fan Type Vented Wall Furnaces
   o Gas-Fired Infrared Heaters
   o Gas-Fired Infrared Patio Heaters
   o Gas-Fired Room Heaters – Volume 2 – Unvented Room Heaters
   o Gas-Fired Unvented Construction Heaters (Unattended Type)
   o Gas-Fired Vented Room Heaters
• Gas Burning Heating Appliances for Mobile Homes and Recreational Vehicles
• Gas-Fired Decorative Type Unvented Room Heaters
• Oil Burning Stoves
• Outdoor:
   o Outdoor Cooking Gas Appliances
   o Outdoor Gas Fireplace
   o Outdoor Gas Grills
• Portable Industrial Oil-Fired Heaters
• Portable Type Gas Camp Stoves
• Vented Gas Fireplace Heaters
• Ventless Firebox Enclosures
• Ventless Firebox Enclosures for Gas-Fired Unvented Decorative Room Heaters
	SMS-BCH-OP-19 Building & Construction ETL WH Hearth Certification Program
	SMS-ETL-OP-19 ETL Certification Program
	Scheme Type 5

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MISCELLANEOUS	Intertek Testing Services NA, Inc.
- Air Filter Units - Bullet/Forced Entry Resistant Products - Concrete - Blocks - Forms - Exterior Cladding Systems & Components - Factory Made Air Ducts and Connectors & Vapor Barriers - Factory Made Air Ducts and Connectors & Vapor Barriers – Components - Fenestration - Fire Resistant Ducts - Flammable Liquid Storage Cabinets - Hardware Mullions - Metal Connectors - Metal Roof Edge Flashing, Fascias & Coping Systems - Miscellaneous Fire Barriers - Non-Combustible Materials Railings - Roofing Systems - Safety Glazing - Thermal Insulation Boards - Thresholds – Components/Miscellaneous Products - Other - Railings	SMS-BC-OP-19 Building & Construction ETL WH Certification Program SMS-ETL-OP-19 ETL Certification Program Scheme Type 5
VINYL SIDING	**Vinyl Siding Institute (VSI)** **Intertek Testing Services NA, Inc.**
- Vinyl Siding - Insulated Vinyl Siding - Polypropylene Siding - Other Related Polymeric Cladding Components	VINYL SIDING INSTITUTE (VSI) PRODUCT CERTIFICATION PROGRAM FOR POLYMERIC CLADDING PRODUCTS (MAY 12, 2021) SMS-BC-VSI-OP-19 Vinyl Siding Institute (VSI) Product Certification Program Scheme Type 5

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STRUCTURES	Intertek Testing Services NA, Inc.
- Concrete Structures - Masonry - Metal Structures - Timber Structures	SMS-BC-OP-19 Building & Construction ETL WH Certification Program Scheme Type 5
CODE EVALUATIONS* FOR THE FOLLOWING PRODUCT CATEGORIES	Intertek Testing Services NA, Inc.
Building Materials - Binders and Sealing Materials - Cement - Ceramic Tiles - Concrete and Concrete Products - Composite Materials - Fiber-reinforced Cement - FRP-Fiber Reinforced Polymers - Glass - Gypsum board and plaster Lime - Mortar - Mineral Materials and Products - Terracotta Building Products - Thermal and Sound Insulating Materials - Plastics - Wood	SMS-BC-CCRR-OP-19 Code Compliance Research Report Program SMS-BC-OP-19 Building & Construction ETL WH Certification Program Scheme Type 5
Building Protection - Acoustic Insulation - Dampproofing and Waterproofing - Fire-resistance-rated Construction - Grease-duct and HVAC Enclosure Assemblies - Lightning protection - Seismic and Vibration - Thermal Insulation	SMS-BC-CCRR-OP-19 Code Compliance Research Report Program SMS-BC-OP-19 Building & Construction ETL WH Certification Program Scheme Type 5
Building Products and Components - Chimneys, Shafts and Ducts - Doors and Windows - Guards and Handrails - Roofs, Ceiling, Floors and Stairs	SMS-BC-CCRR-OP-19 Code Compliance Research Report Program SMS-BC-OP-19 Building & Construction ETL WH Certification Program Scheme Type 5

o Skylights and Sloped-glass Glazing o Walls, Partitions, Facades	

• **Miscellaneous**
    o   Construction equipment and technology
    o   Interior Finishing Building accessories
	SMS-BC-CCRR-OP-19 Code Compliance Research Report Program
	SMS-BC-OP-19 Building & Construction ETL WH Certification Program
	Scheme Type 5

** RESEARCH REPORTS AS DEFINED IN IBC* SECTION 1703.4.2 OR ALTERNATIVE SOLUTIONS AS DEFINED IN
SECTION A-1.2.1.1(1)(b) OF THE NBC* FOR THE FOLLOWING PRODUCT SUBCATEGORIES (as defined above):*

BUILDING MATERIALS
BUILDING PROTECTIONS
BUILDING PRODUCTS AND COMPONENTS
**"Codes" encompasses Model Codes, including the international family of codes published by International Code Council and the National Building
Code of Canada, and state and local codes that have amended the Model Codes.*

Notes:
1. *The product certification used most closely resembles a product certification scheme type as described in ISO/IEC 17067 (2013), Conformity assessment — Fundamentals   of product certification and guidelines for product certification schemes.*
   a. ***Type 5:*** *The surveillance part of this scheme allows for the choice between periodically taking samples of the product either from the point of production, or from the   market, or from both, and subjecting them to determination activities to check that items produced subsequent to the initial attestation fulfill the specified requirements. The surveillance includes periodic assessment of the production process, or audit of the management system, or both. The extent to which the four surveillance activities are conducted may be varied for a given situation, as defined in the scheme. If the surveillance includes audit of the management system, an   initial audit of the management system will be needed.*