

SCOPE OF ACCREDITATION

AIR-INS INC.
1320, boul. Lionel-Boulet
Varenes, QC
J3X 1P7

Accredited Laboratory No. 28
(Conforms with requirements of CAN-P-4E (ISO/IEC 17025:2005))

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CLIENTS SERVED: All interested parties

FIELDS OF TESTING: Mechanical/Physical

ISSUED ON: 2011-08-17

VALID TO: 2014-01-12

Remarque: La présente portée d'accréditation existe également en français, sous la forme d'un document distinct.

Note: This scope of accreditation is also available in French as a separately issued document.

CONSTRUCTION

Construction Materials

Wall Coverings (See also FIBRE, WOOD and ELAS Sections)

AAMA 1503	Voluntary Test Method for Thermal Transmittance and Condensation Resistance of Windows, Doors and Glazed Wall Sections
AAMA 501	Method of Test for Metal Curtain Walls Only for: 501.1 : Standard Test Method for Metal Curtain Walls for Water Penetration Using Dynamic Pressure 501.2 : Field Check of Metal Curtain Walls for Water

	Leakage
	501.3 : Field Check of Water Penetration through Installed Exterior Windows, Curtain Walls, and Doors by Uniform Air Pressure Difference
AAMA 502	Voluntary Specification for Field Testing of Windows and Sliding Glass Doors
AAMA 503	Voluntary Specification for Field Testing of Storefronts, Curtain Walls and Sloped Glazing Systems
AAMA/NWWDA 101/I.S.2-97	Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors
AAMA/WDMA/CSA 101/I.S.2/A440	Standard/Specification windows, doors, and unit skylights Except for: Chapter 6: Materials Chapter 7: Components
ASTM C1199	Standard Test Method for Measuring the Steady-State Thermal transmittance of Fenestration Systems using Hot Box Methods
ASTM C1363	Standard Test Method for the Thermal Performance of Building Assembly by means of a Hot Box Apparatus
ASTM C1371	Standard Test Method for Determination of Emittance of Materials Near Room Temperature using Portable Emissometers
ASTM C518	Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus Only for: measurements of specimens of thermal insulation without any metal, foil-covered or dense plastic facers.
ASTM E1105	Standard Test Method for Field Determination of Water Penetration of Installed Exterior Windows, Curtain Walls, and Doors by Uniform or Cyclic Static Air Pressure Difference
ASTM E2068	Standard Test Methods for Determination of Operating Force of Sliding Windows and Doors
ASTM E2178	Standard Test Method for Air Permeance of Building Materials
ASTM E2357	Standard Test Method for Determining Air leakage of Air Barrier Assemblies
ASTM E283	Standard Test Method for Determining the rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen
ASTM E330	Standard Test Method for Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference
ASTM E331	Standard Test Method for Water Penetration of Exterior Windows, Curtain Walls, and Doors by Static Air Pressure Difference
ASTM E547	Standard Test Method for Water Penetration of Exterior Windows, Curtain Walls, and Doors by Cyclic Air Pressure Differential

ASTM E783	Standard Test Method for Field Measurement of Air Leakage Through Installed Exterior Windows and Doors
ASTM E96	Standard Test Methods for Water Vapor Transmission of Materials
ASTM F476	Standard Test Methods for Security of Swinging Door Assemblies
ASTM F588	Standard Test Methods for Measuring the Forced Entry Resistance of Window Assemblies Except for: Glazing Impact
ASTM F842	Standard Test Methods for Measuring the Forced Entry Resistance of Sliding Door Assemblies Except for: Glazing Impact
CAN/CGSB 63.14-M	Plastic Skylights Only for: 7.2.3 : Air Infiltration Test 7.2.4 : Water Resistance Test 7.2.5 : Uniform Structural Load Test
CAN/CGSB 82.1-M	Sliding Doors Only for: 7.3 : Air Leakage 7.4 : Water Leakage 7.5 : Wind Load Resistance to Deflection 7.6 : Wind Load Resistance to Blow out 7.7 : Blocked Operation 7.8 : Parallel Load 7.9 : Roller/Sliding Assembly Operation 7.10 : Forced Entry Resistance Test
CAN/CGSB 82.5 M	Insulated Doors Only for: 5.11.1 : Air Infiltration 5.11.2 : Water Resistance 6.2.1.3 : Impact Test 6.2.3.1 Condensation Resistance Test 6.3.3 Operational Stability
CAN/CGSB-41.24	Rigid Vinyl Siding, Soffits and Fascia Only for: 7.2.6 : Impact Resistance Test
CAN/CGSB-79.1 M	Insect Screens Only for: 5.7.1 : Racking 5.7.2 : Load Tests
CAN/CSA A440	Windows Only for: 11.2 : Air Tightness 11.3 : Water Tightness 11.4 : Wind Load Resistance 11.5 : Safety Drop 11.6 : Blocked Operation 11.7 : Sash Strength and Stiffness Operable Casement Windows Only 11.8 : Sash Strength and Stiffness Projecting Windows Only 11.9 : Ease of Operation 11.10 : Screen Strength Sash Pull Off Condensation Resistance 11.11 : Sash Pull-Off 11.12 : Condensation Resistance

	11.13 : Resistance to Forced Entry
	11.14 : Mullion Deflection Combination and Composite Windows
CAN/CSA A440.2	Energy Performance of Windows and other Fenestration Systems
CAN2-12.1-M	Glass, Safety, Tempered or Laminated
CGSB 82-GP 3M	Standard for: Doors, Aluminum, Combination Storm and Screen Only for: 4.15.2.1 : Perpendicular Load Test 4.15.2.2 : Parallel Load Test 5.3.3 : Load Test 5.3.4 : Cycling Test 5.3.5 : Closing Force Test 5.3.6 : Safety Drop Test
CGSB 82-GP 4M	Standard for: Doors, Steel, Combination Storm and Screen Only for: 4.15.2.1 Perpendicular Load Test 4.15.2.2 Parallel Load Test 4.15.3.1 Perpendicular Load Test 4.15.3.2 Parallel Load Test 5.3.2 Load Test 5.3.3 Cycling Test 5.3.5 Safety Drop Test
NFRC 100	Procedure for Determining Fenestration Product U-Factors
NFRC 101	Procedure for Determining Thermophysical Properties of Materials for Use in NFRC-Approved Software Programs
NFRC 102	Test Procedure for Measuring the Steady-State Thermal Transmittance of Fenestration Systems
NFRC 200	Procedure for Determining Fenestration Product SolarHeat Gain Coefficient and Visible Transmittance at Normal Incidence
NFRC 400	Procedure for Determining Fenestration Product Air Leakage
NFRC 500	Procedure for Determining Fenestration Product Condensation Resistance Values
WDMA T.M. -7	Test Method for Determining the Physical Endurance of Wood Doors & Associated Hardware Connections under Operating Conditions

Notes:

CAN-P-4E (ISO/IEC 17025): General Requirements for the Competence of Testing and Calibration Laboratories (ISO/IEC 17025-2005)

AAMA: American Architectural Manufacturers Association

NWWDA: National Wood Window & Door Association

NFRC: National Fenestration Ratings Council

WDMA: Window and Door Manufacturer Association

S. Cross, Director, Conformity Assessment

Date: 2011-08-17

Number of Scope Listings: 40

SCC 1003-15/54

Partner File #0

Partner: SCC