

## PORTÉE D'ACCRÉDITATION

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

Laboratoire accrédité n° 28  
(Est conforme aux exigences de CAN-P-4E (ISO/CEI 17025:2005))

PERSONNE-RESSOURCE : M. Jean Miller  
TÉL : (450) 652-0838  
TÉLÉC. : (450) 652-7588  
COURRIEL : j.miller@air-ins.com

CLIENTÈLE : Services offerts à tous les clients

DOMAINE(S) DES ESSAIS : Mécanique et Physique

ÉMIS CE : 2011-08-17

VALABLE JUSQU'AU : 2014-01-12

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

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

### **CONSTRUCTION**

#### **Matériaux de construction (à l'exclusion des produits textiles) :**

**Revêtements muraux (voir aussi sections Textiles et Produits Fibreux, Produits de Bois et Élastomères)**

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 Seulement pour : 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 Sauf pour : 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 Seulement pour : 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 Sauf pour : Glazing Impact
ASTM F842	Standard Test Methods for Measuring the Forced Entry Resistance of Sliding Door Assemblies Sauf pour : Glazing Impact
CAN/CGSB 41.24	Bardages, soffites et bordures de toit en vinyle rigide Seulement pour : 7.2.6 Essai de résistance aux chocs
CAN/CGSB 63.14 M	Lanterneaux en plastique Seulement pour : 7.2.3 Essai d'infiltration d'air 7.2.4 Essai d'étanchéité 7.2.5 Essai de charge structurale uniforme
CAN/CGSB 79.1 M	Moustiquaires Seulement pour : 5.7.1 Gauchissement 5.7.2 Essai de charge
CAN/CGSB 82.1 M	Portes coulissantes Seulement pour : 7.3 Étanchéité à l'air 7.4 Étanchéité à l'eau 7.5 Résistance aux surcharges de vent-flèche 7.6 Résistance aux surcharges de vent 7.7 Blocage 7.8 Charge parallèle à la porte coulissante 7.9 Fonctionnement de l'ensemble galets/rails 7.10 Résistance à l'effraction
CAN/CGSB 82.5 M	Portes isolées en acier Seulement pour : 5.11.1 Infiltration d'air 5.11.2 Imperméabilité à l'eau 6.2.1.3 Essai de résistance au choc 6.2.3.1 Condensation Resistance Test 6.3.3 Operational Stability
CAN/CSA A440	Windows Seulement pour : 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
	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	Norme: Contre-portes en aluminium, avec moustiquaires Seulement pour : 4.15.2.1 Essai de charge perpendiculaire 4.15.2.2 Essai de charge parallèle 5.3.3 Essai de charge 5.3.4 Essai d'endurance 5.3.5 Essai de la force de fermeture 5.3.6 Essai de cran d'arrêt
CGSB 82 GP 4M	Norme: Contre-portes en acier, avec moustiquaire Seulement pour : 4.15.2.1 Charge perpendiculaire 4.15.2.2 Charge parallèle 4.15.3.1 Essai de charge perpendiculaire 4.15.3.2 Essai de charge parallèle 5.3.2 Essai de charge 5.3.3 Essai d'endurance 5.3.5 Essai du cran d'arrêt
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/CEI 17025):*** Exigences générales concernant la compétence des laboratoires d'étalonnages et d'essais

***AAMA:*** American Architectural Manufacturers Association

***NWWDA:*** National Wood Window & Door Association

***NFRC:*** National Fenestration Ratings Council

***WDMA:*** Window and Door Manufacturer Association

---

S. Cross, directeur de l'Évaluation de la conformité

Date: 2011-08-17

Nombre des éléments de la portée : 40

SCC 1003-15/54

Dossier du partenaire n° : 0

Partenaire : SCC