

SCOPE OF ACCREDITATION

Industrial Technology Centre
MECHANICAL TESTING AND CALIBRATION LABORATORIES
200 - 78 Innovation Drive
Winnipeg, MB
R3T 6C2

Accredited Laboratory No. 10
(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: 2010-09-03

VALID TO: 2012-06-05

OTHER SCOPE(S)

The laboratory has a separately issued Calibration scope that can be viewed at <http://palcan.scc.ca/SpecsSearch/GLSearchForm.do> . Simply type in the laboratory name to access the scope.

ELASTOMERS AND PROTECTIVE AND OTHER COATINGS

Adhesives (Organic Resins) and Glues:

Adhesives

Refer to minor heading: *Sealant*

Sealant

ASTM D3164 Test Method for Strength Properties of Adhesively Bonded Plastic Lap-Shear Sandwich Joints in Shear by Tension Loading
Except for:
Preparation of Test Specimens

Plastics; Resins and Rubbers:

Plastics

ASTM D2344 Test Method for Short-Beam Strength of Polymer Matrix Composite Materials and Their Laminates
Except for: Preparation of laminates
Preparation of specimens

ASTM D3039 Test Method for Tensile Properties of Polymer Matrix Composite Materials
Except for: Preparation of laminates
Preparation of specimens
Adhesive bonding of tabs

ASTM D638 Test Method for Tensile Properties of Plastics
Except for:
High Extension Measurements from Tensile Properties of Plastics

ASTM D6641 Test Method for Compressive Properties of Polymer Matrix Composite Materials Using a Combined Loading Compression (CLC) Test Fixture
Except for: Preparation of laminates
Preparation of specimens
Adhesive bonding of tabs

ASTM D7078 Test Method for Shear Properties of Composite Materials by V-Notched Rail Shear Method
Except for: Preparation of laminates
Preparation of specimens

ASTM D790 Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials

METALLIC ORES AND PRODUCTS

Articles of Metal:

All Forms, Articles of Metal

Refer to minor sub-heading: *Cast, Forged, Welded or Pressed Metal Components*

Cast, Forged, Welded or Pressed Metal Components

| | |
|--------------------------------------|---|
| ASME Boiler and Pressure Vessel Code | Section VIII, Division 1, Part UCS Only for: Low Temperature Operation - UCS-67 Impact Tests of Welding Procedures - UG-84 Charpy Impact Tests |
| ASME Boiler and Pressure Vessel Code | Section IX, Part QW Article I Only for: QW-150 Tension Tests QW-160 Guided Bend Tests QW-180 Fillet Weld Tests Part QB (Brazing) Article XI Only for: QB-150 Tension Tests QB-160 Guided Bend Tests |
| ASTM A370 | Test Methods and Definitions for Mechanical Testing of Steel Products Except for: Sampling procedures and chapters A 2.3 (hydraulic ring-expansion test), A 2.5.1.5 (Flaring test), A3.2.1.5/6 (Wedge testing of bolts) and A10 (Heat-Cycle-Simulation) |
| ASTM E110 | Test Method for Indentation Hardness of Metallic Materials by Portable Hardness Testers Only for: portable Brinell hardness testing |
| ASTM E18 | Test Methods for Rockwell Hardness of Metallic Materials |
| ASTM E23 | Test Methods for Notched Bar Impact Testing of Metallic Materials, Only for: for V-Notch (Type A) |
| ASTM E8 CSA W 47.1 | Test Methods for Tension Testing of Metallic Materials Certification of Companies for Fusion Welding of Steel Structures Only for: destructive mechanical testing |
| CSA W47.2 | Certification of Companies for Fusion Welding of Aluminum Only for: destructive mechanical testing |

Components, Articles of Metal

| | |
|-----------|---|
| ASTM B557 | Test Methods for Tension Testing Wrought and Cast Aluminum and Magnesium - Alloy Products |
| ASTM E384 | Standard Test Method for Microindentation Hardness of Materials |

Notes:

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

S. Cross, Director, Conformity Assessment

Date: 2010-09-03

Number of Scope Listings: 18

SCC 1003-15/14

Partner File #445

Partner: SCC-CLAS