# TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

## Scope of Accreditation

*La présente portée d'accréditation existe également en français et est publiée séparément.*

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| **Legal Name of Accredited Laboratory:** | **MINISTÈRE DES TRANSPORTS ET DE LA MOBILITÉ DURABLE** |
| Location Name: | Direction générale du laboratoire des chaussées |
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| **SCC File Number:** | 15649 |
| **Accreditation Standard(s)**: | ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories |
| **Fields of Testing:** | Chemical/Physical<br>Mechanical/Physical |
| **Initial Accreditation:** | 2004-10-08 |
| **Most Recent Accreditation:** | 2025-01-18 |
| **Accreditation Valid to:** | 2028-10-08 |



Canada

**SCC Group Accreditation:**
This laboratory is a part of a Group Accreditation with the following facilities in accordance with SCC's policy on Group Accreditation documented in the Accreditation Services Accreditation Program Overview.

- 15650/ 30757-2- Ministère des Transports et de la Mobilité durable -Direction générale du laboratoire des chaussées- laboratoire, 1645, boulevard Hamel, Québec, QC, G1N 3Y7
- 15651/ 30757-3-Ministère des Transports et de la Mobilité durable -Direction générale du laboratoire des chaussées- laboratoire, 7510, rue Jarry Est, Montréal, QC, H1J 1G9

## METALLIC ORES AND PRODUCTS

### Metallic Ores:

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| ASTM E8/E8M | Standard Test Methods for Tension Testing of Metallic Materials |
| ASTM E23 | Standard Test Methods for Notched Bar Impact Testing of Metallic Materials |

## NON-METALLIC MINERALS AND PRODUCTS

### Road marking

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| ASTM D562 | Standard Test Method for Consistency of Paints Measuring Krebs Unit (KU) Viscosity Using a Stormer-Type Viscometer (Méthode B) |
| ASTM D711 | Standard Test Method for No-Pick-Up Time of Pavement Markings |
| ASTM D1210 | Standard Test Methods for Fineness of Dispersion of Pigment-Vehicle Systems by Hegman-Type Gage |
| ASTM D1475 | Standard Test Methods for Density of Liquid Coatings, Inks, and Related Products |
| ASTM D2244 | Standard Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates |
| ASTM D2369 | Standard Test Method for Volatile Content of Coatings |
| ASTM D2805 | Standard Test Method for Hiding Power of Paints by Reflectometry |
| ASTM D3723 | Standard Test Method for Pigment Content of Water-Emulsion Paints by Low-Temperature Ashing |
| ASTM E1349 | Standard Test Method for Reflectance Factor and Color by Spectrophotometry Using Bidirectional (45°:0° or 0°:45°) Geometry |

### Cement and Cement Based Products

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| AASHTO T260 | Standard Method of Test for Sampling and Testing for Chloride Ion in Concrete and Concrete Raw Materials (except for procedure B) |
| ASTM C457 | Standard Test Method for Microscopical Determination of Parameters of the Air-Void System in Hardened Concrete - Procedure B |
| ASTM C666/C666M | Standard Test Method for Resistance of Concrete to Rapid Freezing and Thawing – Procedure A and Procedure B |

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| BNQ 2621-905 Annexe B | Standard test method for scaling resistance of concrete surfaces exposed to deicing chemicals |
| CAN/CSA A23.2-9C | Compressive strength of cylindrical concrete specimens |
| CAN/CSA A23.2-23C | Electrical indication of concrete's ability to resist chloride ion penetration |
| CAN/CSA A3004-C2 | Test method for determination of compressive strengths |
| DMI 31-270 | Analysis of cement by X-ray Fluorescence |

## Bituminous and Other Organic Materials, Coal and Tar

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| AASHTO T240 | Standard Method of Test for Effect of Heat and Air on a Moving Film of Asphalt Binder (Rolling Thin-Film Oven Test) |
| AASHTO T313 | Standard Method of Test for Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR) |
| AASHTO T315 | Standard Method of Test for Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR) |
| AASHTO T316 | Standard Method of Test for Viscosity Determination of Asphalt Binder Using Rotational Viscometer |
| AASHTO T350 | Standard Method of Test for Multiple Stress Creep Recovery (MSCR) Test of Asphalt Binder Using a Dynamic Shear Rheometer (DSR) |
| LC 26-003 | Determination of the Compactability Using the Superpave Gyratory Compactor |
| LC 26-006 | Determination of the Asphalt Binder Content of Asphalt Mixtures by the Ignition Method |
| LC 26-007 | Mechanical Size Analysis of Extracted Aggregate |
| LC 26-045 | Determination of Theoretical Maximum Specific Gravity of Asphalt Mixtures |
| LC 26-400 | Preparation of Asphalt Mixtures Tests Specimens Using the LCPC Compactor |
| LC 26-410 | Deformation Resistance of Asphalt Mixtures to Rutting Test |

## Petroleum Refinery Products (including asphalt materials, petrochemicals, fuels and lubricants):

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| QO-Test-09 | Visual detection of the marker (dye-marker) (except for part 5.3) |
| QO-Test-12 | Measurement of dye concentrate content (by column chromatography) |

## Soil, Aggregates, Stone, Sand:

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| AASHTO T267 | Standard Method of Test for Determination of Organic Content in Soils by Loss on Ignition |
| BNQ 2501-025 | Size analysis of inorganic soils |
| CAN/BNQ 2501-070 | Determination of Density of Solid Particles |
| CAN/BNQ 2501-092 | Determination of Liquid Limit by a Fall Cone Penetrometer and Determination of Plastic Limit |
| CAN/BNQ 2501-110 | Determination of Undrained Shear Strength and Sensitivity of Cohesive Soils Using a Fall Cone Penetrometer |
| CAN/BNQ 2501-170 | Soils – Determination of Water Content |

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| LC 21-102 | Resistance to polishing of aggregates: projection method |
| LC 22-301 | Oedometer Consolidation Test Analysis |
| LC 22-320 | Determination of the permeability coefficient of soils using the oedometer |
| LC 31-228 | Assessment of organic matter content in aggregates and soils |
| DMI 31-305 | X-Ray Fluorescence Analysis (Glass Beads) |

Number of Scope Listings: 43

**Notes**

**AASHTO:** American Association of State Highway and Transportation Officials
**ASTM:** American Society for Testing and Materials
**CAN/BNQ:** Bureau de normalisation du Québec
**CAN/CGSB:** Canadian General Standards Board
**CAN/CSA:** Association canadienne de normalisation
**LC:** Laboratoire des chaussées, Ministère des Transports et de la Mobilité durable
**BNQ:** Bureau de normalisation du Québec
**QO:** Méthode d'essai Québec – Ontario

**DMI :** Direction des matériaux d'infrastructures, Ministère des Transports et de la Mobilité durable

This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC). The original version is available in the Directory of Accredited Laboratories on the SCC website at www.scc-ccn.ca.

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