



Materials Testing Services

We are more than a collection of laboratories and equipment, we're a network of soils and materials experts.

At Stantec, we are dedicated to delivering excellence throughout the lifecycle of your projects. To further enhance and support our design and construction teams in Saskatchewan, we are pleased to announce the establishment of our new materials testing facility, conveniently located just 10 minutes north of Saskatoon.

Our CCIL-certified laboratory is equipped to manage a diverse range of projects with precision and expertise, offering services from standard testing techniques to comprehensive analysis. Whether your project is local or rural, our teams are here to support you every step of the way.

What we do

Laboratory Testing Services

Soils

- Moisture Content
- Liquid Limit, Plastic Limit, and Plasticity Index
- Group Index and Classification
- Sieve Analysis
- Moisture-Density Standard Proctor
- Moisture-Density Modified Proctor
- California Bearing Ratio (CBR)
- Soil Classification

Aggregates

- Sieve Analysis
- Lightweight Particles
- Specific Gravity of Fine Aggregate/Coarse Aggregate
- Percent Fractured Face
- Percent Iron Stone Content
- Clay Lumps and Friable Particles
- Sand Equivalent
- Liquid Limit, Plastic Limit, and Plasticity Index
- Moisture-Density Standard Proctor
- Moisture-Density Modified Proctor
- California Bearing Ratio (CBR)
- Organic Impurities in Fine Aggregate by Ignition Oven
- Micro-Deval
- Fine Aggregate Angularity (Uncompacted Void Content)

Asphalt

- Marshall Mix Compliance
- Marshall Mix Design
- Asphalt Content by Ignition Oven Method
- Theoretical Maximum Specific Gravity
- Marshall Stability and Flow
- Density and Voids Characteristics
- Stripping Potential and Tensile Strength Ratio
- Resistance of Compacted Asphalt Mixtures to Moisture-Induced Damage
- Retained Marshall Stability

Field Testing Services

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- Density in Place by Nuclear Gauge
- Subgrade Inspection
- Asphalt Inspection
- Asphalt Concrete Coring and Analysis
- Test Pit Exploration and Testing
- Electromagnetic Ground Conductivity Surveys (EM-31)
- Stockpile Survey
- Volume Survey
- Pit Layout Survey
- Construction Layout Survey



Contact Us

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