

Our services cover quality control plans, aggregate production / crushing control and aggregate placement as outlined in the Ministry of Transportation Standard Specifications for Highway Construction and MMCD. Metro's field and laboratory have been certified by the **Canadian Standards Association (CSA)** and the **Canadian Council of Independent Laboratories (CCIL)**.

[All tests can be done based on ASTM, CSA and CCIL specifications](#)

Prequalification and Production Testing for Aggregates:



Sieve Analysis of Fine & Coarse Aggregates	(ASTM C136-01)
Micro Deval	(ASTM D6928-03)
Resistance of Aggregates to Degradation	(ASTM D3744-97)
Angularity Test (Uncompacted Void Content of Fine Aggregate)	(ASTM C1252-98)
Unit weight of Aggregates	(ASTM C29/ C29M-97)
Soundness of Aggregates	(ASTM C88-99a)
Clay Lumps and Friable Particles	(ASTM C142-97)
Moisture Content	(ASTM D1461-85)
Specific Gravity & Absorption of Coarse and Fine Aggregate	(ASTM C128/C127-99)
Flat and Elongated Test	(ASTM D4791-99)
Percentage of Fractured Particles in Coarse Aggregate	(ASTM5821-01)
Organic Impurities	(ASTM C40-99)
L. A. Abrasion	(ASTM C131-03/ C535-03)
Sand Equivalent Test	(ASTM D2419-02)
Petrographic Analysis	(ASTM C295)
Rapid Chloride Permeability	(ASTM C1202)
Acid Base Test	(ASTM D5744)
Durability Index	(ASTM D3744)
Hydrometer Test	(ASTM D422)
Plastic & Liquid Limit	(ASTM D4318)



Since its establishment in 1987, **Metro Testing Laboratories Ltd.** has become one of the leading materials testing and engineering services organizations in British Columbia. Metro has access to of over 150 professional engineers, technologists and technicians servicing British Columbia's construction industry from twelve offices and over ten mobile testing laboratories. This allows us the flexibility to service remote projects with professionalism and in accordance with **ASTM, CSA and CCIL** testing specifications.



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