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**03020-1**      **Description**

The work covered by this specification shall include the inspection and testing of materials at the production site and also in the field with material in its final position.

**03020-2**      **Material Testing**

All tests performed shall be carried out according to the current A.S.T.M. or C.S.A. standards.

All sieve analysis in this specification shall refer to a wash sieve analysis.

After the Contractor has been awarded the contract for supplying aggregate, the Contractor shall notify the Engineer when aggregate processing shall commence.

A representative sample of the surfacing material shall be supplied to an approved Testing Laboratory. The sample shall contain not less than 22 kg.

The following tests on each sample shall be performed.

Table 1: Material Testing

<b>Material</b>	<b>Frequency of test</b>	<b>Test Required</b>
Base Aggregate and Subbase Aggregate	Every 6,000 tonnes	1. Wash Sieve Analysis 2. Plasticity Index 3. Percentage Crush retained on 5 mm (No. 4) Sieve 4. Moisture Content 5. C.B.R. Value 6. Standard Proctor Compaction Test

One copy of the test results shall be submitted directly to the Engineer, by the Testing Laboratory, hired by the Contractor. The Contractor shall notify the Engineer when the testing will be carried out by the Testing Laboratory. The test results shall be forwarded to the Engineer as soon as they are available and the written report submitted to the Engineer within 2 days after the results are available.

When test results are not provided as specified, the Engineer may engage a Testing Laboratory to carry out the specified testing. The cost of the testing will be at the expense of the Contractor.

When additional testing is required because of frequent changes in crusher location or aggregate supply, the cost of the additional testing shall be done at the expense of the Contractor. When the quality of the material is in question, the cost of all additional testing required shall be paid for by the Contractor. The cost of original density tests will be paid for by the City of Saskatoon. If the density test does not meet the specifications, any additional testing shall be paid for by the Contractor.

**End of Specification 03020**