

Administration and Inspection Activities for Aggregates - Hot Mix Asphalt

(As Specified in OPSS 1003, November 2026)

1003.01 SCOPE

This CAIS covers the construction administration and inspection requirements for aggregates for use in hot mix asphalt (HMA) as specified in OPSS 1003, November 2026.

1003.02 REFERENCES

This CAIS refers to the following standards, specifications, or publications:

Ontario Provincial Standard Specifications, Material:

OPSS 1003 Aggregates - Hot Mix Asphalt

Construction Administration and Inspection Specifications (CAIS):

CAIS 100 MTO Contract Administration General Conditions (CAGC)
CAIS 313 Hot Mix Asphalt - End Result
CAIS 1001 Aggregates - General

1003.03 DEFINITIONS

For the purpose of this CAIS, the definitions shall be as specified in OPSS 1003.

1003.04 DESIGN AND SUBMISSION REQUIREMENTS - Not Used

1003.05 MATERIALS

1003.05.01 General

Administrative Activities:

1	-	When applicable, review aggregate reappraisal by the Contractor and provide approval if the reappraisal proves the source to be satisfactory.	-
2	M	Check that the need for, type of and application of anti-stripping additive shall be as specified.	-
3	M	Check that coarse aggregates for SP12.5FC1, coarse and fine aggregates for 12.5FC2 and SMA shall be supplied from appropriate DSM #3.05.25 sources as specified.	-
4	M	Check that filler shall meet the specified requirements.	-

1003.06 EQUIPMENT- Not Used**1003.07 PRODUCTION****1003.07.01 Aggregate Processing, Handling, and Stockpiling**

Inspection Activities:

1	-	Check if stockpiles are separated as specified.	25%
2	-	Check whether aggregates contain foreign material, or are mixed with aggregates from other stockpiles. If contaminated or mixed, the aggregates shall not be used.	25%
3	-	Approve a suitable stockpile location.	25%

1003.08 QUALITY ASSURANCE**1003.08.01 General**

Administrative Activities:

1	-	Ensure that QA testing is to be carried out on the consensus property requirements.	-
2	M	Check that QA testing be done on blended samples as specified, unless otherwise noted.	-
3	-	Determine if the requirements for LS-601 can be waived, due to removal of anti-stripping additive prior to testing.	-

1003.08.02 Alternative to LS-614

Administrative Activities:

1	-	Check if written notification is received prior to sampling of the applicable materials for QA purposes, to replace LS-614 with LS-606 for acceptance.	-
2	-	If applicable, administer charge as specified.	-

1003.08.03 Sampling

Inspection Activities:

1	M	Monitor QA sampling carried out by the Contractor.	100%
2	M	Check that the required QA samples are taken as specified and delivered to the appropriate laboratories.	100%

Administrative Activities:

1	-	Determine if the aggregate samples described in part e) of the Sampling section of the specification can be taken during the same HMA production shift represented by the duplicate sample listed in part d) of the Sampling section of the specification.	-
2	-	Determine if a third sample, in addition to the duplicate samples taken for QA purposes, should be taken for Superpave 12.5FC 1, Superpave 12.5FC 2, SMA 9.5, and SMA 12.5 aggregates at the time the QA samples are taken.	-
3	-	During the production of each lot of SMA surface course mix, determine if random samples of both the mineral filler and the baghouse fines should also be taken.	-
4	M	Establish lots for sampling and testing as specified.	-

1003.08.04 Sampling

1003.08.04.01 Sample Size

Inspection Activities:

1	M	Check if the mass of each QA sample meets the specified requirements.	100%
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1003.08.04.02 Stockpile Method

Inspection Activities:

1	-	Determine suitable size of a stockpile.	25%
2	-	Check that QA sampling from stockpile shall be according to LS-625.	100%

1003.08.05 Acceptance

Administrative Activities:

1	M	Review test results to verify compliance as specified.	-
2	M	Notify the Contractor of acceptance at full price, at a reduced price, or rejected lot.	-

1003.08.06 Referee Testing

Inspection Activities:

1	M	Perform the referee testing process as specified in CAIS 100, MTO Contract Administration General Conditions (CAGC).	100%
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Administrative Activities:

1	M	Check that a written request to invoke referee testing is received as specified.	-
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WARRANT: Always with OPSS 1003, Material Specification for Aggregates - Hot Mix Asphalt.