

State of Illinois
Department of Transportation
Bureau of Materials
Springfield

POLICY MEMORANDUM

Revised: July 24, 2018

10-08.2

This Policy Memorandum supersedes number 10-08.1 dated June 1, 2012

TO: REGIONAL ENGINEERS AND BUREAU CHIEFS IN THE OFFICE OF
HIGHWAYS PROJECT IMPLEMENTATION

SUBJECT: USE OF NON-CERTIFIED AGGREGATE STOCKPILES UNDER THE
AGGREGATE GRADATION CONTROL SYSTEM (AGCS)

1.0 SCOPE

The AGCS requires the aggregate Source to control the gradation of its certified aggregate during production. Non-certified aggregate stockpiles are those that were not produced under the requirements of the AGCS.

2.0 PURPOSE

To establish a procedure to accept specific non-certified aggregate for use under the AGCS.

3.0 ELIGIBILITY

Only certified aggregate Sources currently running the AGCS are eligible to participate in this program.

4.0 AGGREGATE QUALITY

Non-certified stockpiles shall have current acceptable quality test data (no more than three [3] years old) before processing. Any stockpile not conforming to this requirement shall be sampled as required by the District and tested for quality at the Central Bureau of Materials (CBM).

5.0 GENERAL PROCEDURE

5.1 The aggregate Source shall submit a letter through the District to the CBM requesting to certify a non-certified stockpile for AGCS use using this policy memorandum. The letter shall detail the aggregate code number (Example: 032CM16), stockpile location, and the method to be used to certify the stockpile.

5.2 One of the following two methods shall be used to certify non-certified stockpiles for use under the current AGCS. Upon CBM approval, the District and aggregate Source shall meet to review the method to be used for certification, as outlined below.

Method #1:

The designated non-certified stockpile shall be sampled and tested for gradation to establish the critical sieve Master Band prior to shipping the material to a certified project. A minimum of one (1) gradation sample per 550 tons (454 metric tons) for at least 2,500 tons (2,268 metric tons) of stockpiled aggregate shall be taken and tested during loadout to work not requiring certified aggregate. The average of these results shall be used by the aggregate Source to establish the Master Band on the critical sieve. The aggregate Source may set the specification limits on the other sieves as allowed in Section 6.2 of the current Illinois Department of Transportation (IDOT) policy memorandum, "[Aggregate Gradation Control System](#)". After IDOT approval of the Master Band and other sieve limits, the material may be shipped to projects requiring certified aggregate and shall be tested at a minimum rate of one (1) gradation sample for each 1,000 tons (907 metric tons) of loadout.

Method #2

The aggregate Source may submit a plan to the CBM proposing a satisfactory method of sampling and testing the entire pile either in-situ or by restockpiling (or any combination thereof). If approved, the aggregate Source shall average all the tests taken to establish a Master Band on the critical sieve. The aggregate Source may set the specification limits on the other sieves as allowed in Section 6.2 of the current [AGCS policy memorandum](#). After District approval of the Master Band and other sieve limits, the material may be shipped to projects requiring certified aggregate. When shipping activity begins, loadout sampling and testing shall be performed in accordance with Section 6.3.3 of the current [AGCS policy memorandum](#).

- 5.3 All requirements of the AGCS shall apply except those referring to production samples. In addition, all samples shall be washed gradations run in accordance with Illinois Test Procedure 11 and Illinois Test Procedure 27. Failing gradation samples shall be handled in accordance with Section 6.5 of the current [AGCS policy memorandum](#), except that references to production samples shall apply to the samples obtained to meet the requirements of this policy memorandum. All test data shall be plotted on control charts as specified in Section 6.4 in the current [AGCS policy memorandum](#).

6.0 CLOSING NOTICE

Archive versions of this policy memorandum may be examined by contacting the Bureau of Materials.

The current Bureau Chief of Materials has approved this policy memorandum. Signed documents are on file with the Bureau.