
Standard Method of Test for

Sampling Bituminous Materials

AASHTO Designation: T 40-02 (2006)

ASTM Designation: D 140-01



**American Association of State Highway and Transportation Officials
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AASHTO T 40-02 (2006) is identical to ASTM D 140-01 except for the following provisions:

1. Insert an additional sentence in Section 1.1 as follows:
Samples may be taken from tanks, stockpiles, vehicles, or containers used for the storage or shipping of bituminous materials.
2. Section 5 is not included.
3. Replace Section 6.1.2 with the following:
6.1.2 From bulk storage, 1 L (1 qt) for each sampling valve, or
4. Replace Sections 7.1.1, 7.1.2, and 7.1.3 with the following:
7.1.1 Containers for liquid bituminous material samples, except emulsions, shall be double-seal friction-top cans, square cans with screw tops, or small-mouth cans with screw caps.
7.1.2 Containers for anionic emulsified asphalt samples shall be wide-mouth jars or bottles made of glass or plastic.
7.1.3 Containers for cationic emulsified asphalt samples shall be wide-mouth jars or bottles made of plastic or wide-mouth cans with screw caps.
5. Add a note at the end of Section 7.1 as follows:
Note—Wide-mouth jars or bottles made of glass may be permitted if previous experience has shown them to be satisfactory.
6. Replace Section 8.5 with the following:
8.5 Transferring samples from one container to another shall be avoided if possible, as the characteristics of the materials could be altered during transfer, and there is a possibility of contamination.
7. Replace Section 9.1 with the following:
9.1 *Bulk Storage Tanks Not Equipped with Mechanical Agitators (Liquid Materials or Materials Made Liquid by Heating)*—Samples shall be obtained by one of the three following methods:
8. Replace Section 9.1.1 with the following:
9.1.1 *Tank Tap Method*—Using valves or taps at the top, middle, and lower locations of the tank, draw a 1- to 4-L (1-qt to 1-gal) sample from each location after clearing the line by drawing and discarding a minimum of 4 L (1 gal) of the material.
9. Sections 9.1.1.1 and 9.1.1.2 are not included.