
Standard Method of Test for Float Test for Bituminous Materials

AASHTO Designation: T 50-22

Technically Revised: 2022

Technical Subcommittee: 2a, Emulsified Asphalts

ASTM Designation: D139-16



**American Association of State Highway and Transportation Officials
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AASHTO T 50-22 is identical to ASTM D139-16 except as follows:

1. Insert a new section immediately before Section 2.1 to contain the following:

All references to the ASTM standards listed in the following table shall be replaced with the corresponding AASHTO standard.

<i>Referenced Standards</i>	
ASTM	AASHTO
D244	T 59
D6997	T 59

2. Add references in Section 2 for AASHTO standards.
 - M 339M/M 339, Thermometers Used in the Testing of Construction Materials
3. Add references in Section 2 for ASTM standards.
 - E1, Standard Specification for ASTM Liquid-in-Glass Thermometers
 - E230/E230M, Standard Specification for Temperature-Electromotive Force (emf) Tables for Standardized Thermocouples
 - E879, Standard Specification for Thermistor Sensors for General Purpose and Laboratory Temperature Measurements
 - E1137/E1137M, Standard Specification for Industrial Platinum Resistance Thermometers
 - E2877, Standard Guide for Digital Contact Thermometers
4. Add references in Section 2 for International Electrotechnical Commission standards.
 - IEC 60584-1:2013 Thermocouples - Part 1: EMF Specifications and Tolerances
 - IEC 60751:2008 Industrial Platinum Resistance Thermometers and Platinum Temperature Sensors
5. Delete references in Section 2 for IEC 60854 standard which is a typo citing Pulse-Echo equipment but meant to reference thermocouples as noted in IEC 60584.
6. Revise Section 5.4 to address the multiple thermometer needs as follows:

5.4 *Thermometers*—Thermometers shall be used to measure temperature in the ranges of use and with accuracies as defined for each test parameter.