

Updated AASHTO Accreditation Policy and Guidance on Thermometer Selection and Records



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There have been a lot of changes over the years with the types of thermometers people can use due to restrictions on mercury thermometers, policies regarding calibration, and the way standards describe the requirements of thermometers.

The good news is that there have been people working on standardization of all of this, and we have made progress that I want to tell you about.



M339

Standard Specification for Thermometers Used in the Testing of Construction Materials

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One of the most significant changes that occurred in this area was the 2022 release of AASHTO M 339, which defined the types of thermometers used and the standard specifications that are relevant for each type of thermometer. That brought along changes to all AASHTO standards that had thermometers or equipment that measure temperature or has some temperature setting.

These changes were mostly helpful, but once people started to use these updated standards, they realized there were some issues with applicability even if the requirements were based on meaningful requirements.



COMP Thermometer Task Force

Members: AASHTO re:source, Illinois DOT, Missouri DOT, New Jersey DOT, New York DOT, and Tennessee DOT

Objectives:

- Update M339
- Update the AASHTO re:source thermometer requirements to match
 - Eventually combine with M339 and then sunset the AASHTO re:source document
- Provide guidance to COMP Subcommittees so they can update the language in each standard accordingly.

This takes us to where we are on our path toward getting these requirements to work for the construction materials industry.

Last year, we formed a task force in AASHTO's Committee on Materials and Pavements to figure out what we should do to update M339 and the other standards, and in doing so, we came up with a plan.

We have already accomplished the first two steps, with M339 changes coming out in July of 2026 and the updates to the AASHTO re:source thermometer policy available right now.



Policy and Guidance Document

[Can be found in our Document Library](#)

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If you want to see that document, just go to our Library on our website to find it. It includes terminology and update language that will set you up for conformance with the new M339 requirements when that standard comes out in July 2026.

<https://aashtoresource.org/docs/default-source/publicdocuments/aashto-accreditation-policy-and-guidance-on-thermometer-selection-and-records.pdf>



Contact Us with Questions?

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