

Draft of Handbook 105-2 Posted for Comments

Byline: Micheal Hicks

The Office of Weights and Measures (OWM) is in the process of updating the NIST Handbook (HB) 105 series of documentary standards based on feedback from users regarding measurement feasibility and requirement concerns. In particular, OWM plans to update: **NIST HB 105-2, Specifications and Tolerances for Field Standard Measuring Flasks**; **NIST HB 105-6, Specifications and Tolerances for Thermometers**; and **NIST HB 105-7, Specifications and Tolerances for Dynamic Small Volume Provers** in the next couple of years. Currently, OWM is working on updates to NIST HB 105-2 due to tolerance requirements being more stringent than can be supported by most calibration laboratories and needed by the end users at the smaller nominals.

A draft of **NIST HB 105-2** for field standard glassware (last published in 1996) has been posted for comments on the OWM website. You can download and review the document and submit comments via a Word document or via the OWM Contacts System (instructions provided at the link).

The document has been reviewed against the latest requirements published in **NIST HB 44, Specifications, Tolerances, and Other Technical Requirement for Weighing and Measuring Devices** and **NIST HB 133, Checking the Net Contents of Packaged Goods** as well as the International Organization of Legal Metrology (OIML) and ASTM International references contained in the document. The primary updates being made relate to the decision rules associated with conformity assessments and statements of compliance.

Comments and proposed language for suggested changes should be submitted by Friday, October 1, 2021. The **draft of HB 105-2, comment form, and instructions can be found** on OWM's website.

Please contact Micheal Hicks at micheal.hicks@nist.gov with any questions.