



Designation: C 1005 – 9900

Standard Specification for Reference Masses and Devices for Determining Mass and Volume for Use in the Physical Testing of Hydraulic Cements¹

This standard is issued under the fixed designation C 1005; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This specification covers the minimum requirements for scales, balances, ~~and~~ reference masses, and glass graduates used in the physical testing of hydraulic cements.

1.2 Requirements for analytical reference masses and balances are not included in this specification, but are to be found in Test Methods C 114. The use of restrictive terminology, classes, ranges, etc. has been intentionally avoided to allow the use of this specification by other standards-writing bodies with similar requirements for reference masses and devices for determining mass, if desired.

1.3 These requirements are not sufficiently descriptive to be used as the sole specifications for the purchase of reference masses or devices for determining mass without amplification.

1.4 Values in SI units shall be obtained by measurement in SI units or by appropriate conversion, using the Rules for Conversion and Rounding given in Standard IEEE/ASTM SI-10, of measurement made in other units.

2. Referenced Documents

2.1 ASTM Standards:

C 114 Test Methods for Chemical Analysis of Hydraulic Cement²

¹ This specification is under the jurisdiction of ASTM Committee C-1 on Cement and is the direct responsibility of Subcommittee C01.95 on Coordination of Standards. Current edition approved July 10, ~~1999~~; 2000. Published September ~~1999~~; 2000. Originally published as C 1005 – 83. Last previous edition C 1005 – 979.