

Direct CIML online approval of OIML R 35-3
Material measures of length for general use
Part 3 – Test report format

Comments on draft recommendation OIML R35-3

MCs. Alejandra Regla Hernández-Leonard. Chief of Dimensional Laboratory. National Metrology Research Institute (INIMET). CUBA

Conclusion: To approve the draft, with comments.

Comments:

Ref. 1.6

Although in principle a sinker can be considered a length measure, and may be sold separately, is actually used to form a composite measure with the tape, and therefore, the establishment of a class of accuracy for the separate sinker has no practical meaning.

For sinker mass, the symbol of the unit should be “g”.

Ref. 5. Checklist for external examination for all measures of length.

22. Flexible steel tape measures with tensioning weight or sinker.

See the comment on ref. 6.2.17 and 6.2.18 of the draft OIML R35-2. The tapes used as “oil gauging tapes” can only be of Class I, but with more stringent requirements imposed by ISO standards.

24. Flexible steel surveyor's tapes designed for measuring lengths greater than their nominal length by repeated use of the same tape.

When this tape is used for the calibration of tanks by the strapping method, the measure only shall conform accuracy class I, to harmonize this standard with ISO standards for oil industry.

Ref. 6.5. Accuracy of other metrological components.

Ref. 6.5.1. Separable components, such as dimensioned tape case, sinker

1) Should measure the mass of the sinker.

2) Should check that any length between any two scale marks, one of which is on the sinker and the other on the tape, the maximum permissible error is ± 0.6 mm.

MCs. Alejandra R. Hernández-Leonard. National Metrology Research Institute (INIMET). CUBA
2011-04-15