

**SPECIFICATION FOR LOCAL STANDARDS OF MASS**

In accordance with the provisions of section 4(2)(b) of the Weights and Measures Act 1985, the Secretary of State hereby approves the material and form of local standards of mass conforming with this specification.

This specification supersedes NWML 7110 (October 1986), but any local standard weight, in respect of which a certificate had been issued since that time or was deemed to have been issued under section 4(4), will continue to be accepted for re-certification until further notice, subject to establishing that it has been in continuous use as a local standards for that period.

Standards of mass are acceptable as local standards if they meet the requirements of sections 6, 7, 8, 11, and 13.1-13.3 of OIML R111-1 Edition 2004 for weights of Classes E<sub>1</sub>, or E<sub>2</sub>, or F<sub>1</sub>. Weights shall not be susceptible to magnetism.

For the avoidance of confusion, weights of Class F<sub>1</sub> that meet the metrological requirements given above are acceptable as local standards. Alternatively weights of Classes E<sub>1</sub> or E<sub>2</sub> that meet the metrological requirements above are also acceptable as local standards if desired.

The local standard weights to which this specification applies are those values set out in Schedule 3 to the Weights and Measures Act 1985. Non metric standards of ounce troy and carat (metric) should demonstrate broadly similar characteristics to their metric equivalents.

The prescribed limits of error and the period of validity of certificates of fitness of local standards are prescribed by the Weights and Measures (Local and Working Standard Weights and Testing Equipment) Regulations 1986 [SI 1986/1685]

Provision shall be made for each weight used as a local standard to be uniquely identified.

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The OIML recommendation can be found at the following web address  
<http://www.oiml.org/publications/>