

Model Certificate – Verification of a Reference Standard of Measurement

**Certificate of Verification of a Reference Standard of Measurement in Accordance with Regulation 13 of the *National Measurement Regulations 1999 (Cth)* in Accordance with the *National Measurement Act 1960 (Cth)***

Name of verifying authority<sup>1</sup> .....

Address<sup>1</sup> .....

.....

Telephone<sup>1</sup> ..... Facsimile<sup>1</sup> ..... Email<sup>1</sup> .....

Description and denomination of standard of measurement<sup>2</sup> .....

.....

Permanent distinguishing marks<sup>3</sup> .....

Date of verification<sup>3,4</sup> .....

Period of verification<sup>5</sup> .....

Date of expiry of certificate<sup>6</sup> .....

Value of standard of measurement<sup>7</sup> .....

Accuracy of verification – the uncertainty of the value is<sup>8</sup>  $\pm$  .....

This uncertainty has been calculated in accordance with the principles in JCGM 100: 2008 *Evaluation of Measurement Data – Guide to the Expression of Uncertainty in Measurement*, and gives an interval estimated to have a confidence level of 95% at the time of verification.

Details of any relevant environmental or other influence factor(s) at the time of verification (including uncertainties) .....

Signature ..... Date .....

Name of signatory ..... Position held .....

Being a person, or a person representing a body, appointed as a verifying authority under Regulations 71 and 73 of the *National Measurement Regulations 1999 (Cth)* in accordance with the *National Measurement Act 1960 (Cth)*, I hereby certify that the above standard is verified as a reference standard of measurement in accordance with the Regulations, by/under the supervision of<sup>9</sup> the above-named authority.

<sup>1</sup> If the certificate is prepared on stationery containing this information it should not be repeated in the body of the certificate.  
<sup>2</sup> Examples of the form a description should take ‘cylindrical stainless 1 kg mass’, ‘set of masses in a box marked ... comprising the following ...’; and if the standard is an Inspectors’ standard this must be included in the description.  
<sup>3</sup> Permanent distinguishing marks and the date of verification must be stamped, legibly marked or permanently affixed to standards of measurement unless it is impractical to do so, in which case enter ‘exempt under Regulation 16(4)’.  
<sup>4</sup> Date on which verification was completed.  
<sup>5</sup> This commences from the date of verification.  
<sup>6</sup> Based on the date and period of verification.  
<sup>7</sup> As appropriate, enter either the value on the date of measurement or ‘deemed equal to its denomination in accordance with Regulations 30 and 31’, or an unambiguous reference to the measurement report containing the data and any relevant conditions.  
<sup>8</sup> For calculation see Regulation 19(2) of the *National Measurement Regulations 1999 (Cth)* and the Chief Metrologist’s determination of 18 July 2011; a coverage factor must be included other than for Inspectors’ standards deemed equal to their denominations where ‘as required by Regulation 31’ should be entered in this field.  
<sup>9</sup> Delete as appropriate.