



**Certificate of Verification  
of a Reference Standard of Measurement  
in accordance with Regulation 13 of the National Measurement Regulations 1999  
in accordance with the National Measurement Act 1960**

<b>Name of Verifying Authority</b>	<b>SURVEYOR-GENERAL OF NEW SOUTH WALES</b>
<b>Description of Standard of measurement</b>	An EDM baseline named "Ulan Coal" consisting of concrete pillars and located as described in the accompanying report "Ulan24" which forms part of this certificate.
<b>Permanent distinguishing marks</b>	Numbered pillars as shown in the accompanying report.
<b>Date of verification</b>	11 April 2024
<b>Date of expiry of certificate</b>	11 April 2026
<b>Value of the Standard of measurement</b>	As stated in Measurement Report "Ulan24", which forms part of this certificate.
<b>Uncertainty of the given value</b>	$\pm (0.5 + 1.3 \times 10^{-3} L) \text{ mm}$ , L = length in metres  This uncertainty is calculated in accordance with the principles of the ISO Guide to the Expression of Uncertainty in Measurement, with an interval estimated to have a confidence level of 95% and a coverage factor of 2. The uncertainty applies at the time of measurement only and takes no account of pillar movement that may occur after the date of verification.

**Signed on behalf of the Surveyor-General of NSW**

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R K Lock  
Senior Surveyor  
(Legal Metrology Officer) \*

Date: 10/05/24

\* 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 in accordance with the National Measurement Act 1960, I hereby certify that the above standard is verified as a Reference Standard of measurement in accordance with the Regulations, by the above-named authority.