

## Conformance Certificate of Accuracy

**Product Name:** CIGWELD 3-PCE GAUGE

**Product Code:** CWGAUGE2

**Batch No:** 2024 - October

**All gauges by WELDATOOLZ are certified yearly by a NATA accredited lab right here in Australia for consistent measurement accuracy.**

CIGWELD certify that the product named on this document and supplied to you has been made to the same specifications, using the raw materials from the same sources, manufactured on the same machinery with the same processes and quality systems as the product tested and used in the Annual NATA Certified Laboratory approval tests for these Gauges.



**The results of the accuracy to the specified classification:**

Reference temperature 20°C (68°F). ACML standard test method used unless otherwise stated. Uncertainty of Measurement has been estimated at a 95% confidence level with a coverage factor (k) = 2 unless otherwise stated.

<b>Specified Dimension:</b> Metric Scale (mm)	<b>Tolerance Range</b> 95% Confidence Level (mm)	<b>Measured Results</b> (mm)
0	±0.05	0.00
10	9.5 – 10.5	9.61
20	19 – 21	19.14
30	28.5 – 31.5	28.76
40	38 – 42	38.49
50	47.5 – 52.5	48.15
Nominal Radius (mm)	(mm)	(mm)
4	3.8 – 4.2	3.96
14	13.1 – 14.7	13.92

**The results of the tests and/or measurements included in this document are traceable to SI unit(s) via Australian/National standards with unbroken chain.**



<b>Specified Dimension:</b> Metric Scale (mm)	<b>Tolerance Range</b> 95% Confidence Level (mm)	<b>Measured Results</b> (mm)
0	±0.05	0.00
10	9.5 – 10.5	9.61
20	19 – 21	19.14
30	28.5 – 31.5	28.75
40	38 – 42	38.48
50	47.5 – 52.5	48.15
Nominal Radius (mm)	(mm)	(mm)
6	5.7 – 6.3	5.82
12	11.4 – 12.6	11.83

<b>Specified Dimension:</b> Metric Scale (mm)	<b>Tolerance Range</b> 95% Confidence Level (deg.)	<b>Measured Results</b> (deg.)
0	±0.05	0.00
10	9.5 – 10.5	9.62
20	19 – 21	19.15
30	28.5 – 31.5	28.78
40	38 – 42	38.51
50	47.5 – 52.5	48.17
Nominal Radius (mm)	(mm)	(mm)
8	7.6 – 8.4	7.89
10	9.5 – 10.5	9.88

The results of the tests and/or measurements included in this document are traceable to SI unit(s) via Australian/National standards with unbroken chain



Front



Back

The Welding Gauge you have purchased with the Batch Date listed is valid for use in Welding Inspection Applications for a period of **18-Months** from the Date of Issue to the user. CIGWELD recommend that the user engraves the Welding Gauge with the date of issue to avoid uncertainty, as welding gauges can lose accuracy over an extended periods of time due to rubbing and dragging of the Gauges over hard metal surfaces.

These results are authorised by:		1/10/2024
	Vida Mokhtar, Director Technical Services & Quality	Dated