

Temperature value, interval, uncertainty

Use the stipulated instrument limit; decimals alone are not proof.

1 • TWO STATED READINGS

Before: After:

2 • TEMPERATURE CONVERSION

QCAA convention: $T(K) = T(^{\circ}C) + 273$

A 1 $^{\circ}C$ interval has the same size as 1 K.

3 • DIFFERENCE AND BOUND

$\Delta T = \text{after} - \text{before}$; add stated absolute bounds

4 • PERCENT AND CLAIM

$\% \text{ bound} = \text{absolute bound} \div |\Delta T| \times 100$

No calibration accuracy follows from digits alone.