



Absolute Calibration Limited
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A. B. C. R. CODING DEFINITION AND EXAMPLES

- A** All parameters measured found to be within manufacturers published specifications, or are within the specification agreed with the customer. (Adjustments may have been made to optimise within the specification limits where requested and is indicated on the calibration certificate).
- B** One or more measured parameters found to be outside the manufacturers' published specification or the specification agreed with the customer. Adjustments to the instrument were made to bring it back into specification.
- C** One or more measured parameters found to be outside the manufacturers' published specification, or the specification agreed with the customer. Adjustments to the instrument were made and failed to bring it back into specification.
- R** A repair or replacement was performed on the unit.
- N** Results recorded but no performance specification is available to make the assessment of whether the unit is in or out of specification.
- SA** As 'A' but performed by our sub-contractor.
- SB** As 'B' but performed by our sub-contractor.
- SC** As 'C' but performed by our sub-contractor
- SR** As 'R' but performed by our sub-contractor

In the event of both calibration and repair work being involved, an instrument will be assigned two classifications, A, B, C, or SA, SB, SC, as well as R. When this occurs, the calibration letter becomes the significant indicator for history purposes and the R designates that the details of the repair or replacement are contained in a repair report.

Repair only items repaired in house would carry an 'R' code.

Repair only items repaired by a sub-contractor will carry an 'SR' code

Examples

An instrument returned meeting manufacturers' specification after a repair will carry an **AR** classification.

A Wattmeter sent in with one insert out of the set of inserts faulty would be sent back with a replacement insert and a classification of **AR**.

A unit adjusted into specification would carry a **B** classification.

A unit with parameters in specification but optimised would carry an **A** classification but the certificate will indicate that optimisation has been carried out.

Where there are no published specifications available an instrument will carry an **N** classification, with the 'Recorded in absence of specifications' box ticked on the calibration certificate. Every effort will be made to agree a suitable specification with the customer.

Where units are calibrated by a sub-contractor an '**S**' is added to the beginning of the code.