1. Document Information

Document Number	ADCF112
Document Title	UKAS Calibration of Gauge Blocks Compliance Statement
Version/Revision	2
Date of Issue	November 2024
Author	TQR Manager
Document Type	Company Form
Review Cycle	Upon Significant Changes

2. Revision History

Version/Revision	Date	Description of change	Author	Approved by
1	Nov-21	Document created	ST	Quality
2	Nov-24	New format	AP	Quality

3. Document Distribution

Department(s)	Distribution Method & Location	Access Level
Quality	Hard Copy / T: Drive	Internal
Customer	https://www.avon-dynamic.co.uk/quality/	External

4. Related Documents

Document Number	Document Name
BS EN ISO 3650:1999 (Metric)	Geometrical Product Specification (GPS) – Length standards – Gauge blocks
BS EN ISO 4311-1:2007 (Imperial)	Gauge blocks manufactured to imperial specification – Part 1: Specification and validation
Customer Generated Specification	-

5. ISO Related Clauses

Standard	Title	Clause
ISO 17025	Reporting statements of conformity	7.8.6
ISO 9001	Operational planning and control	8.1

Scope:

The below information outlines the process the laboratory will take as standard process for the calibration of gauge blocks, unless consulted otherwise from the end user.

Compliance Statement

Where customers have requested a UKAS Calibration to standards as stated above, the calibration certificate will provide the status information of gauges that are either within or exceed the tolerance bandwidth of the appropriate specification (conforming or non-conforming).

The decision rule associated with the statement of conformity / non-conformity can be found below and will appear on the certificate of calibration.

Conformity / Non-Conformity statements are based on simple acceptance rule (ILAC-G8:09/2019) where, Acceptance Limit (AL) equals Tolerance Limit (TL). Provided that the Tolerance Uncertainty Ratio (TUR) ≥1:1.