

ISO/IEC 17025:2017 Clause No.	Corresponding ISO/IEC 17025:2005 Clause No.	Emphasis of Change	Summary of text/extract from ISO/IEC 17025:2017	Comments
6.4.3	5.4.1; 5.4.7.2c); 5.5.3; 5.5.6	Editorial	A procedure for the proper handling, transport, storage, use and planned maintenance to ensure proper functioning of equipment and to prevent contamination must be maintained.	
6.4.4	5.4.7.2a); 5.5.2	Editorial	Before being placed in or returned to service, the laboratory shall verify that equipment complies with specified requirements.	
6.4.5	5.5.2	Minor	Equipment shall be capable of achieving the measurement accuracy or measurement uncertainty (MU) required to provide a valid result.	Clarity provided that the equipment's capability is also to consider the MU contribution to the results of the laboratory activity, even if accuracy is not in question. ISO/IEC 17025:2005 stated that equipment shall comply with specifications, which implied that the MU had to be considered.
6.4.6	5.6.1; 5.6.2.1.1; 5.6.2.2.1; 5.6.3.1	Editorial	Measuring equipment must be calibrated when the measurement accuracy or measurement uncertainty affect the validity of results or if metrological traceability of the reported result is required.	Clarity provided when calibration is required.
6.4.7	5.5.2; 5.6.1	Major	A calibration program shall be established, reviewed and adjusted as necessary, to ensure confidence in the status of calibrations.	Clarity now provided that the calibration program is to be reviewed and adjusted as necessary.
6.4.8	5.5.8	Editorial	All equipment which requires calibration or has a defined period of validity must be labelled or otherwise identified.	"Whenever practicable" has been removed from the new version of the standard.