

## Guidelines for the Blood Transfusion Services

### 12.5: Equipment

<http://transfusionguidelines.org/red-book/chapter-12-donation-testing-red-cell-immunohaematology/12-5-equipment>

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Test equipment should be validated before being introduced into routine use and procedures must be in place to ensure that test systems and equipment are able to produce consistent and valid results.

Equipment must be used, cleaned, calibrated and maintained in accordance with the manufacturer's instructions and written procedures. It is recognised that during maintenance procedures equipment may be compromised and therefore a protocol for reinstatement of the equipment for routine use is required.

Any deviations from the manufacturer's instructions should be validated and documented.

An equipment log covering the following must be readily available for all equipment:

- service contract details
- downtime
- faults
- maintenance
- calibration
- software version

These logs must be retained.