

Do you need to be certified?

RM&C calibration services are here to help



Based at our factory in Sheffield our accredited laboratories are available to provide either on-site or in-house calibration to either UKAS or national standards. Covering temperature, pressure, flow and electrical parameters and providing certification using the latest technology. Turnaround to meet your requirements.



Quality

RM&C is an ISO 9001:2008 company, we offer UKAS and traceable calibration under BS/ENISO17025 accredited procedures. Our certificate generation systems are purposely geared to meet the strict and specific requirements of the Aerospace industry.



Temperature (up to 2200 °C)

Temperature range from -196 to 2200 °C, giving RM&C one of the widest ranged calibration facilities in the UK.

- Thermocouples of all types
- Platinum resistance thermometers
- Disappearing filament pyrometers /infrared pyrometers
- Liquid in glass thermometers /data loggers

Pressure (up to 1200 bar)

Pressure laboratory calibration range from -0.8 to 1200 bar g using mediums of gas, water and oil. Typical instruments covered:

- Hydraulic pressure gauges
- Pressure transducers
- Gas pressure gauges
- Digital calibrators and indicators
- Vacuum gauges
- Dead weight testers



Flow (up to 2500 L/min)

Flow laboratory is 1 of 5 in the UK that measures gas flow rates to UKAS standards up to 50 L/min. In addition traceable certification is obtainable on gas flow rates up to 1000 L/min and water flow rates up to 2500 L/min. Typical instruments covered:

- VA flowmeters
- Orifice plates/nozzles
- GMT flowmeters
- Turbine flowmeters
- Bubble generators
- Barometers/manometers

Electrical

Electrical laboratory covers parameters of DC voltage and current, AC voltage and current, capacitance, conductance, resistance and frequency. Typical instruments covered:

- Hand held multimeters
- Chart recorders/data loggers
- Bench meters/clamp meters
- Resistance boxes
- Panel meters/counters
- Ohm meters
- Electronic thermometer
- Insulation testers



On-site Calibration

Our team of experienced on-site engineers hold accreditation for the on-site calibration of equipment inclusive of those stated. We cover the full spectrum of industry sectors.

AUTOCLAVES FURNACES PRESSURE ELECTRICAL
OVENS & CHAMBERS INDICATORS & CONTROLLERS
SCALES & BALANCES THERMOCOUPLES & PROBES

Instrumentation: Supply and Calibration

RM&C have a number of agency agreements with leading instrument manufacturers in addition to being a technical partner with Eurotherm Controls. This ensures our ability to offer a genuine 'One Stop Shop' to all customers' pyrometry requirements.

All calibration standards used meet the requirements of Table 3 of AMS 2750D, whether in the laboratory or on site, ensuring full compliance with the specification.



CONTROL FIELD TEST MONITORING RECORDING

Temperature Sensors: Supply and Calibration

We supply thermocouples calibrated and certified to meet the requirements of Table 1 of AMS 2750D appropriate to customer's specified usage.

Whatever the required usage RM&C has the perfect product to cover a wide range of applications.

- Secondary Standards
- TUS (Temporary Uniformity Survey)
- SAT (System Accuracy Test)
- Control, Recording & Monitoring
- Load



In addition we have considerable expertise in providing assistance to achieve more reliable SAT results.

Aerospace Heat Treatment Specialists

From the supply of a single thermocouple to fully managed service contracts. By working in partnership with our customers we can assist in obtaining and maintaining NADCAP approval.



Certification

Certificates generated are designed to meet the requirements of AMS 2750D with the option of UKAS certificates for added peace of mind.

Recently RM&C have developed a unique system for capturing calibration data on a hand held field device which enables our engineers to connect in real time with the company's computers. This amazing new system has enabled us to offer an unprecedented level of service on turnaround of certificates.