

### RM&C Brearley and AMS2750D

Brearley was founded in the early 1900's by Harry Brearley the inventor of Stainless Steel. The business is now the No 1 supplier to the UK Steel and Glass industries in addition to a long association with the Aerospace and Heat Treatment sectors. Over the years the business has continued to develop its products and services and has now an unrivalled capability to satisfy the wider industry requirements.

As part of Roxspur Measurement & Control (RM&C) the Brearley brand is the largest manufacturer of industrial thermocouples and temperature probes in the UK. With a wealth of experience our technical help desk can provide solutions through standard or custom designs and provide a full range of accessories and fast track delivery for urgent requirements.

We can satisfy all your temperature measurement requirements. Products range from industrial thermocouple types, mineral insulated and rare metal thermocouples and assemblies, to PT100/RTD and non-contact pyrometry covering the range -200°C to 3000°C. Additionally we supply, configure, install and commission process controllers, displays, chart recorders and dataloggers.



### Quality

As an ISO 9001:2000 company, we offer UKAS and Traceable Calibration under BS/EN ISO 17025 accredited procedures.

We have four **UKAS accredited Laboratories** that specialise in the calibration of:

**Flow • Pressure • Temperature • Electrical • On-site**

### Temperature Sensors

#### Supply and Calibration:



We supply thermocouples calibrated and certified to meet the requirements of Table 1 of AMS2750D appropriate to customer's specified usage.

Whatever the required usage Brearley has the perfect product to cover all the applications listed below.

- **Secondary Standards**
- **TUS (Temperature Uniformity Survey)**
- **SAT (System Accuracy Test)**
- **Load**
- **Control, Recording and Monitoring**

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

## Instrumentation

### Supply and Calibration:

Brearley 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 AMS2750D whether in the laboratory or on site ensuring full compliance with the specification.

**Control • Field Test • Monitoring • Recording**

## On-site Service



With a team of highly skilled OEM trained Service Engineers we have the capability to meet all on-site calibration requirements from instrument calibration to full temperature uniformity surveys (TUS).

We offer a service which is second to none over a broad range of calibration disciplines.

## Certification

Certificates generated are designed to meet the requirements of AMS2750D with the option of UKAS certificates for added peace of mind.

Recently Brearley 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.

## Consultation

We encourage regular review meetings with our customers in order to produce and define purchasing specifications and content. By working in partnership with our customers we can assist in obtaining and maintaining NADCAP approval. Being UKAS accredited we understand the demands of meeting the requirements of the Aerospace Quality System AS7102 making us the ideal business partner.