

Certificate of Calibration

Instrument

Mag-03 ... MSL Range 70 Serial No A47

PARAMETER	UNIT UNDER TEST		
	X	Y	Z
Orthogonality error (°)	<0.2	<0.2	<0.1
Offset in zero field (nT)	-1½	-½	-7
Scaling error (at 35 Hz) (%)	0.2	0.2	<0.2
Frequency response error at 1kHz (%)	-4.3	-4.7	-3.8
Noise at 1 Hz (pTrms/√Hz)	3.4	3.3	2.2

Calibration References

Bartington Mag-01 Magnetometer	TE112	Serial No 0288
Bartington Mag Probe B	TE113	Serial No 501
Bartington Solenoid with Current Source	TE18	Serial No 001

This certificate certifies that the above instrument has been fully tested and calibrated to the manufacturers published specification, due allowance having been made for the uncertainty of the measurements, in accordance with ISO10012.

The calibration was performed using working standards, which are subject to periodic verification, with the measurements being traceable to National Physical Laboratory Standards, except where none exist.

The calibration was performed in an ambient temperature of 23 (± 2) °C

Signature  Approved Signatory

Date 1/11/06 Recall Date 1/11/08