

International Accreditation Service

SCOPE OF ACCREDITATION

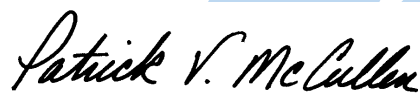
This is to signify that

RSCC AEROSPACE & DEFENSE

680 HAYWARD STREET
MANCHESTER, NEW HAMPSHIRE 03103

Calibration Laboratory CL-123

has met the requirements of the IAS Accreditation Criteria for Calibration Laboratories (AC204), has demonstrated compliance with the ANS/ISO/IEC Standard 17025:2005, *General criteria for the competence of testing and calibration laboratories*, and has been accredited commencing October 29, 2009, for the calibration discipline(s) listed in the approved scope of accreditation. The laboratory meets IAS program requirements in the field of calibration.



Patrick V. McCullen
Vice President



C. P. Ramani, P.E.
President

(see attached scope of accreditation for fields of testing and accredited test methods)

Print Date: 12/08/2009

Page 1 of 4

This accreditation certificate supersedes any IAS accreditation certificate bearing an earlier date. The certificate becomes invalid upon suspension, cancellation, revocation, or expiration of accreditation. See the IAS Accreditation Listings on the web at www.iasonline.org for current accreditation information, or contact IAS directly at (562) 699-0541.

International Accreditation Service

SCOPE OF ACCREDITATION

RSCC Aerospace & Defense CL-123

RSCC Aerospace & Defense
680 Hayward Street
Manchester, NH 03103

Mostafa Abdalla
Laboratory Manager
(603) 622-3500

MEASUREMENT AREA	RANGE & RESOLUTION	BEST MEASUREMENT CAPABILITY ¹ (BMC) (±)	TECHNIQUE, REFERENCE STANDARD, EQUIPMENT
<i>Thermal</i> Thermocouples Type J	32°F 100 to 400°F >400 to 800°F >800 to 1200°F >1200 to 1400°F	0.9°F 0.9°F 0.89°F 0.82°F 0.92°F	Comparison to Secondary Standard using a 3458A DMM utilizing the following standards; AMS2750, ASTM E220, and ASTM E230

October 29, 2009
Commencement Date

TM
C. P. Ramani
C. P. Ramani, P.E.
President

Print Date: 12/08/2009

Page 2 of 4

This accreditation certificate supersedes any IAS accreditation certificate bearing an earlier date. The certificate becomes invalid upon suspension, cancellation, revocation, or expiration of accreditation. See the IAS Accreditation Listings on the web at www.iasonline.org for current accreditation information, or contact IAS directly at (562) 699-0541.

International Accreditation Service

SCOPE OF ACCREDITATION

RSCC Aerospace & Defense CL-123

MEASUREMENT AREA	RANGE & RESOLUTION	BEST MEASUREMENT CAPABILITY ¹ (BMC) (±)	TECHNIQUE, REFERENCE STANDARD, EQUIPMENT
Thermocouples (continued) Type K	Up to 200°F >200 to 400°F >400 to 600°F >600 to 800°F >800 to 1000°F >1000 to 1200°F >1200 to 1400°F >1400 to 1600°F >1600 to 1800°F >1800 to 2000°F >2000 to 2300°F	0.9°F 0.97°F 0.92°F 0.98°F 1.01°F 1°F 1.06°F 0.99°F 1.65°F 1.79°F 4.97°F	Comparison to Secondary Standard using a 3458A DMM utilizing the following standards; AMS2750, ASTM E220, and ASTM E230

October 29, 2009
Commencement Date


 C. P. Ramani, P.E.
 President

Print Date: 12/08/2009

Page 3 of 4

This accreditation certificate supersedes any IAS accreditation certificate bearing an earlier date. The certificate becomes invalid upon suspension, cancellation, revocation, or expiration of accreditation. See the IAS Accreditation Listings on the web at www.iasonline.org for current accreditation information, or contact IAS directly at (562) 699-0541.

International Accreditation Service

SCOPE OF ACCREDITATION

RSCC Aerospace & Defense CL-123

MEASUREMENT AREA	RANGE & RESOLUTION	BEST MEASUREMENT CAPABILITY ¹ (BMC) (±)	TECHNIQUE, REFERENCE STANDARD, EQUIPMENT
Thermocouples (continued) Type N	Up to 1500°F >1500 to 2000°F	1.93°F 2.4°F	Comparison to Secondary Standard using a 3458A DMM utilizing the following standards; AMS2750, ASTM E220, and ASTM E230
Type T	Up to 250°F >250 to 500°F >500 to 700°F	0.84°F 0.98°F 1.25°F	

¹ "Best Measurement Capability" is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or of nearly ideal measuring instruments. Best Measurement Capabilities are expressed as uncertainties at approximately the 95% level of confidence, usually using a coverage factor of $k=2$. The measurement uncertainty of a specific calibration performed by the laboratory may be greater than the least uncertainty due to the behavior of the customer's device, to the environment (if the calibration is performed in the field), and to influences from the circumstances of the specific calibration.

October 29, 2009
Commencement Date


 C. P. Ramani, P.É.
 President

Print Date: 12/08/2009

Page 4 of 4

This accreditation certificate supersedes any IAS accreditation certificate bearing an earlier date. The certificate becomes invalid upon suspension, cancellation, revocation, or expiration of accreditation. See the IAS Accreditation Listings on the web at www.iasonline.org for current accreditation information, or contact IAS directly at (562) 699-0541.