



RICHARD HOGAN, M.Eng.

Metrologist, Consultant

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Profile

Astute and seasoned engineer combining cross-functional competencies in all phases of Metrology, including calibration, management, quality, and research. Expert and proficient in analyzing uncertainty in measurement results and implementing quality systems compliant to ISO/IEC 17025:2005 and ANSI Z540.3-2006.

Mission

Build a personal brand that exemplifies knowledge, integrity, and quality; and, create a network of professionals passionate for the advancement and awareness of Metrology.

Accomplishments

- > Assisted 62 laboratories in attaining or retaining ISO/IEC 17025:2005 accreditation.
- > Assisted 12 laboratories in attaining ANSI Z540.3-2006 accreditation.
- > Performed uncertainty analysis for 48 laboratories yielding more than 1,200 uncertainty budgets.
- > Saved NASA Langley \$3.2 million dollars in operating expenditures by redesigning a 10 year maintenance plan.
- > Implemented processes that increased lab revenue 25% and reduced turnaround time 300% in 12 months.
- > Published 35 articles on uncertainty in measurement, ISO 17025 compliance, and laboratory analytics.

Experience

President & Lead Consultant - ISOBudgets, L.L.C. – Yorktown, VA USA | 2011 to Present

Delivered solutions to laboratories seeking accreditation to ISO/IEC 17025:2005 and ANSI Z540.3-2006.

Metrology Manager - ACR Technical Services, Inc. – Newport News, VA USA | 2008 to Present

Managed an ISO 17025 laboratory with 14 personnel and 587 assets to serve more than 1,200 clients.

Laboratory Manager - USS Wasp (LHD-1) - AIMD Calibration Laboratory - Norfolk, VA USA | 2006 to 2008

Managed a calibration laboratory of 7 personnel and 352 assets to service more than 10,000 shipboard assets.

Calibration Technician - NAVAIR Southwest Regional Calibration Center – San Diego, CA USA | 2002 to 2006

Performed calibration and repair services for the Navy's southwest regional maintenance commands.

Education

Master of Engineering Management - Old Dominion University – Norfolk, VA USA | 2009 to 2011

Bachelor of Science in Engineering Technology - Old Dominion University – Norfolk, VA USA | 2005 to 2009

Affiliations

VA Section Coordinator - National Conference of Standards Laboratories International | 2012 to Present

Voting CAB Member – A2LA Measurement Advisory Committee | 2013 to Present