

TECHNICAL CERTIFICATIONS

Professional Engineer (APEGNB)
CMRP (expired) - SMRP
Certified Vibration Analyst - ISO Category III (320-C2411)

EDUCATION

1991 B.Sc. Mechanical Engineering,
University of New Brunswick

SPECIALTIES

Machinery Performance Data
Rotating Equipment Performance
Engineering Software
Propulsion Systems / Hybrid Power
Wireless Machine Health
Remote Vibration Monitoring

PROFESSIONAL MEMBERSHIPS

Engineers Geoscientist New Brunswick
(APEGNB)

Canadian Machinery Vibration Association
(CMVA) – Atlantic Technical & Certification
Director

EXPERIENCE

Michael Bonga is a Senior Reliability Engineer for Acuren with over 34 years of Asset Program Management and advanced diagnostics experience. Mike supports maintenance programs - including computerized maintenance management systems, maintenance strategies & asset life extension guided by ISO 55XXX standards, predictive programs, audits (gap analysis), machine criticality & risk management.

Mike’s experiences span a variety of industries including Pulp & Paper, Oil & Gas, Food & Beverage, Mine Conveyance, Marine propulsion, piping and more.

Mike is a specialist in advanced machinery diagnostics, machinery monitoring for return-to-service, balancing and alignment. He has extensive experience in wireless vibration monitoring systems, implementation and analyses.

Mike provides Acuren customers with tailored asset management programs that balance maintenance and reliability to achieve optimized maintenance practices. His experience in the implementation and application for various maintenance management & reliability software including the following:

1. Vibration: CSI, Emerson Machine Works, DMSI, Rockwell, SKF, Prognost, VibroMeter, RDI, MSI
2. CMMS: JDEdwards, Oracle E1, EAM, Maximo, MP2
3. Machine Care: DMSI, Spartakus
4. Propulsion: AKA Energy Systems, MAN Energy Systems, Siemens

