

TOM BONSE

Project Manager

2700 Gateway Centre Blvd, Suite 100, Morrisville, NC 27560

Cell +1 919 328 0793 Office +1 919 653 6288

tom.bonse@arepa.com

INDUSTRIES

Printing and Packaging
Broadcasting
Food Processing
Power Distribution
Heating & Cooling
Telecommunications
Manufacturing | Industrial
Wind Turbines
Marine | Vessels
Automotive

EQUIPMENT

Printers | Cutters
Packaging
HVAC
Vacuum Furnaces
Induction Heat Treating
Welding
Controls & PLC's
Data Centers
Laboratories
Energy, Power & Distribution
CNC Machining
Wastewater Treatment
Robotics Automation
Sand Molding
Conveyors
Wind Turbines
Plating and Passivation
Dust and Fume collection

EDUCATION

Bachelor of Science, Electrical Engineering
The University of Alabama Birmingham

An electrical engineer with 20 years' experience in engineering and maintenance management, Mr. Bonse draws from his background to effectively evaluate high-tech electronic, electrical, and mechanical equipment that was impacted as a result of fire, water or other contamination event. Mr. Bonse currently serves as a project manager on large scale assignments where his responsibilities include assessment and decontamination of medical, electronic, industrial and manufacturing equipment, supervision of restoration specialists and contractors, and technical testing / repair, where applicable, to ensure that production can resume with minimal down time.

PROFESSIONAL BACKGROUND

Project Manager, AREPA

Columbus, Ohio

2014 - Present

Maintenance Manager, Grede Foundry

Columbus, Ohio

2012 - 2013

Plant Engineering Contractor

Raleigh, North Carolina

2011 - 2013

Management Consultant, Dewolff, Boberg, and Associates

Dallas, Texas

2011

Reliability and Maintenance Manager, Rock-Tenn Corporation

Kimball, Tennessee

2009 - 2010

Plant Engineer, Shaw Industries

Chickamauga, Georgia

2008 - 2009

Facilities | Maintenance Manager, Burner Systems

International

Chattanooga, Tennessee

2006 - 2008

Plant Engineer and Maintenance Manager, Doncasters

Southern Tool

Oxford, Alabama

1988 - 2006

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KEY STRENGTHS

- Equipment Damage Assessment
- Soot & Fire Contamination
- Water Intrusion
- Analytical Sampling
- Facilitation of Testing, Repair & Calibration
- Service Contract Reinstatement
- Customer/Vendor collaboration
- Shipping Vessel engine room
- Project Management

CONTINUING EDUCATION

- Thermography
- Respiratory
- Global Wind Org. Safety
- Competent Climber
- HAZWOPER 40-hour
- Hazard Communications
- Slips Trips and Falls
- Driving Safety
- Electrical Safety
- Hearing Conservation
- Back Safety
- PPE Safety
- Lockout Tag out Safety
- Ladder Safety
- Fall Protection
- Wipe Samples
- Six-Sigma Green Belt
- IPC Training
- Project Management
- Management Consulting
- Confined Space Entry

CERTIFICATIONS

- IPC-A-610 Acceptability of Electronic Assemblies
- HVAC Universal Certification
- Competent Climber Certificate
- Global Wind: Working at heights, fire awareness, manual handling, first aid

REPRESENTATIVE PROJECT EXPERIENCE

Kenya, Africa

Fire and smoke affecting data center and passenger ticketing area. Storage arrays, computer servers, network switches, uninterruptible power supplies.

Roanoke, VA

Fire and smoke to store support service center for an international automotive end-user parts supply company. Digital communication security devices, storage arrays, hard drive cleaners/erasers, bar-code scanners.

Hannibal, MO

Fire, smoke, and chemical contamination affecting manufacturing equipment. Automated overhead cranes, heat treating equipment, chemical plating process machinery and interplant communication and automation.

West Hollywood, CA

Fire, smoke, and water exposure affecting computer numerically controlled (CNC) machining equipment and variable frequency drives (VFD's).

Cleveland, OH

Construction debris affecting stem cell research laboratory and research facility equipment. Incubators, sub-zero freezers, and HEPA filtered clean room research equipment.

Cedar Falls, IA

Fire, Smoke, and soot exposure inside an 80-meter tall wind turbine tower and nacelle, affecting the electrical power and control equipment at the base and in the nacelle at the top of the tower.

Celaya, Mexico

Black water (flood) exposure to CNC controls and power distribution inside an automobile engine and transmission manufacturing facility affecting the electrical power, drives, motors, and control equipment of the die cast, heat treat, cleaning, machining, testing, and robotic assembly lines.

Ghent, KY

Fire, Smoke, soot, and water exposure on a 400-foot roll steel pickling line affecting rolled steel handling and processing equipment.

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Portage, WI

Fire, Smoke, soot, and water exposure on multi-level milk product processing facility affecting electrical power switchgear, power distribution panels, machinery electrical controls for the processing equipment including variable frequency drives and programable logic controllers.

Philadelphia, PA

Fire, Smoke, soot, and fire-extinguisher affluent, throughout the multi-deck engine room of a liquid natural gas shipping vessel that was towed to port after extensive damage at sea. The affected equipment included electrical generator power switchgear, power distribution, vessel operation machinery electrical controls, including variable frequency drives and programable logic controllers.