

# TOM BONSE

Project Manager

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[tom.bonse@arepa.com](mailto: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**

Raleigh, North Carolina  
2014 - Present

### **Maintenance Manager, Grede Foundry**

Biscoe, North Carolina  
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.