Michael McCarthy

Redmond, WA
-Email me on Indeed: http://www.indeed.com/r/Michael-McCarthy/ec0a2b47e5a9efcb

Electrical engineer with experience in the power generation field

Work Experience

Electrical Engineer II

Toshiba America Energy Systems - West Allis, WI
October 2017 to Present

· Investigate and diagnose deficiencies for utility generators
· Represent Toshiba to customers regarding technical aspects and discussions
· Write component evaluations that discuss findings and recommendations
· Evaluate data based on industry acceptance criteria and IEEE standards
· Utilize AC/DC, circuit, generator theory for diagnostic testing
· Create project-specific test specifications and site quality documentation
· Support the Toshiba OEM generator fleet with technical issues
· Update and maintain procedure and testing documentation for non-OEM units
· Perform electrical testing and demonstration for customer witness
· Travel to field sites for engineering support and inspections
· Work with multi-disciplinary teams to solve complex problems
· Write project final reports summarizing findings and work performed
· Created engineering calculator and design tools with Excel/VBA
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Electrical Engineer – Special Applications

Generac Power Systems - Waukesha, WI
June 2014 to October 2017

· Quoted special-engineered modifications for industrial backup generators
· Facilitated design of new features to meet customer requirements and code
· Consulted dealers on generators and features that best suit the end user
· Developed a convenient quoting and history look-up tool using VBA/Excel

Education

Master of Electrical Engineering in Electrical Engineering

Marquette University - Milwaukee, WI
January 2014

Bachelor of Electrical Engineering in Electrical Engineering

Marquette University - Milwaukee, WI
May 2011

Skills

- Microsoft Excel
- VBA
- Six Sigma
- OEM
- C/C++
- OEM
- Electrical Engineering
- Programmable Logic Controllers

Certifications and Licenses

Six Sigma Yellow Belt
Present