

Darron Emmerich

549 Ortiz Terrace, Detroit, MI ♦ Phone: +1 (555) 914 3427

EXPERIENCE

SENIOR ELECTRICAL ENGINEER, MOTION CONTROL

Phoenix, AZ

08/2014 – present

- Engaging in all phases of new product introduction, including concept, architecture, documentation, design, prototype, test, supplier interfaces, manufacturing introduction and service support
- Responsible for architecture and detailed electrical design, verification and integration test activities
- Not limited in electrical area as lead/senior engineer, Involved into the whole product concept design, solution design and also product integration activities
- Identifying and developing new opportunities to leverage Strategic Sourcing objectives and Common Technology initiatives in Product line
- Complete all planned Quality & Compliance training within the defined deadlines
- Lead continuous improvement activities by driving the implementation of process and product quality improvement initiatives
- Develop action plans to anticipate and respond to project risks

MULTIBRAND REPAIR ELECTRICAL ENGINEER ENERGY CONTROL COORDINATOR

San Francisco, CA

05/2008 – 05/2014

- Readiness to transfer knowledge of the electrical equipment (training on the job of colleagues, preparing of work instructions, supporting training dept.)
- Safety review of all Multibrand Development documents regarding LOTO (Lock Out Take Out)
- Self-independent and structured way of working
- Maintains professional and technical knowledge by attending educational workshops; reviewing professional publications
- Trained on the electrical components of WTG (f.e. supplier training, OEM in-house training, etc.)
- Creating of spare parts lists and recommended spare parts list
- Driving Root Cause Analysis

ENGINEER ELECTRICAL & CONTROL SYSTEMS

Detroit, MI

04/2004 – 02/2008

- Minimise business interruption by providing engineering support for escalated control system asset faults
- Technical Document Development (Engineering Drawings, Scope of Works, Functional specifications, Procedures, Commissioning plans)
- Develop and maintain Control System Asset Life Cycle management plans and support development of the sustaining capital plan
- Support the ongoing maintenance of production network communication equipment, servers, PLCs and advanced control schemes
- A Current WA Driver's license
- Relevant tertiary qualification
- Developing and updating procedures/recovery plans to minimise business interruption in case of equipment failure& support/oversight for the testing, commissioning & maintenance of relevant equipment

EDUCATION

MICHIGAN STATE UNIVERSITY

Bachelor's Degree in Electrical Engineering

SKILLS

- Working knowledge of the National Electrical Code (NEC) and NFPA 70E: Standard for Electrical Safety in the Workplace
- Ability to methodically trouble shoot electrical and control systems
- Professional training and/or college courses in related fields such as Protection device selection, installation, configuration and maintenance
- Ability to read process control documentation such as process flow diagrams, control logic block diagrams, Piping and Instrumentation Diagrams, electrical schematics, circuit diagrams, wiring diagrams
- Professional training and/or college education with emphasis on process control
- Experienced in design and installation of low, medium and high voltage power distribution systems
- Hands on experience with similar process industry SCADA systems
- Previous PLC and HMI programming
- Working on feet for long periods of time (12 hours per day)