

JACOB L. MCCARTY

Professional Summary

Expertise in high performance team management, scheduling, and process improvement. Performing Agile methodologies to lead successful projects. Leading and developing employees. Creating efficient/scalable processes to deliver on time with high quality. Scrum Master. Making order of chaos.

Vestas Blades, Windsor, CO

Responsible for managing a maintenance team, ensuring equipment is operational, and maintaining quality of production activities.

Maintenance Manager

7/2024-Present

- Oversee maintenance team and quality of work to production equipment.
- Ensure compliance with safety standards and company policies.
- Monitor maintenance performance and costs.
- Propose cost-reduction solutions.
- Participate in recruitment, training, and performance reviews.
- Contractor management.

Resa Power, Denver, CO

Project management for a company that specializes in testing of low voltage to high voltage electrical apparatuses.

Project Manager

6/2023-2/2024

- Responsible for communicating with a variety of departments, vendors, employees, and customers to ensure projects are completed on time and to budget.
- Perform project take-off, estimating and closure.
- Schedule jobs with customers.
- Generate work orders for technicians.
- Provide technical support to the field service personnel as it relates to testing and troubleshooting of electrical power distribution systems.
- Communicate with clients, management and their team for effective problem resolution and transfer of pertinent information.
- Conduct client communication in a highly customer service-oriented manner and potentially expand the scope of project work as well as negotiate any extra charges associated with work performed.
- Collaborate to create the best solutions for each other and our customers.

Danfoss Editron, Longmont, CO

Responsible for assisting in the maintenance, coordination, planning, and implementation of capital projects and turnaround activities in the Longmont factory.

Special Projects Coordinator/Maintenance Planner

8/2022-6/2023

- Scheduling of routine, preventative, and emergency maintenance using a computerized maintenance management system (CMMS, Maximo).
- Improve processes, working closely with all departments to determine needs, schedules, and priorities for maintenance personnel.
- Identify opportunities to understand points of failure and eliminate chronic maintenance needs, increasing efficiency across the entire organization.

- Maintain equipment master data, preventive maintenance procedures and maintenance plans to benchmark practices.
- Track work performance and interact in the department meetings by leading discussions on maintenance priorities and KPIs.

FedEx Ground, Broomfield, CO

Electrical and mechanical technician position performing maintenance on industrial machines and high-tech sortation devices.

Maintenance Specialist

4/2017 – 8/2022

- Responsibilities are to perform preventative maintenance work and repairs on industrial electrical machinery and equipment. Maintaining conveyor belts throughout the facility and performing detailed visual and preventative inspections daily.
- Diagnose and replace Scada devices including VFDs, photoeyes, barcode readers, limit switches, scan tunnel cameras, dimensioning heads and many other electrical devices.
- Minor and some major PLC writing on RsLogix 5000 system.
- Performing all other maintenance on facility grounds mechanical and electrical.
- Diagnosing equipment failures; making required repairs in a timely manner.
- Welding and fabricating onsite for ease of use for the sortations they perform daily.
- Annual safety training and adhering to safety standards by promoting a safe work environment through attending committees, training, and verifying all safety concerns are addressed.

North American Substation Services, Altamonte Springs, FL

A company specializing in the installation, testing and maintenance of high voltage electrical equipment.

Field Test Supervisor / Field Processing Supervisor

6/2009 - 11/2016

- Supervise the installation, processing and testing of high voltage and low voltage transformers, breakers, switches, tap changers and many other electrical components.
- Field tasks include running an oil processing rig, dielectric oil testing, internal inspections, regasketing, supervising crews, crane signaling, technical wiring, clearance holding, lock out tag out, line grounding, hot work permits.
- Testing includes power factor, Leakage Reactance, Insulation Resistance, SFRA, Winding Resistance, AC and DC functional controls and schematic drawing checks, wiring of AC and DC circuits, wire pulling, determ and reterm connections, ancillary device checks, online and offline tap changer checks.
- Proficiency with Doble, Vanguard, Raytech, Omicron, Fluke, Meggar and many other test instruments.
- Proficient in interpreting test data and making logical decisions on the quality of apparatus.
- Annual training includes OSHA 30 hour compliance, electrical safety, Grounding, Lockout Tagout, HazWoper, powered industrial trucks and CPR & bloodborne pathogen.
- Performing work in various electrical fields nuclear, power plant, wind and solar substations.
- Operated heavy equipment: forklifts, manlifts, backhoes.
- Completing daily reports and finalizing field reports before leaving jobsites.
- Other tasks were strong decision making, being safety-oriented on and off the job site, daily walk down and risk assessment of work going to be performed, complex problem solving, time scheduling, constant communication with onsite contacts and managers along with extensive reporting.

Skills and Certifications

Basic Electricity Certificate

Issued by AVO Training
January 2011
Course #345

Doble Testing & Troubleshooting Certificate

Issued by: Doble Engineering Florida
September 2014

OSHA 30

Issued by: OSHA.gov
January 2015

Electrical/ Qualified Electrical/ Alternating Current Certificate

Issued by Enviro Safe
January 2016
OSHA 1910.133 & 1910.132

Simutech Electrical Troubleshooting Training Certificate

Issued by: Simutech Multimedia
November 2018

Certified Scrum Master

Issued by: Scrum Alliance
December 2022

UX Designer

Issued by: Google
January 2024

Project Management Certification

Issued by: Google
March 2024

References available upon request.
