

Brendan Benter

benterbp@gmail.com | 563.726.3284 | Chaska, MN 55318

Field Service Solar Technician

Highly skilled technician offering strong educational credentials and experience in energy production and installing renewable energy power solutions. Extensive background in technical and industrial equipment repair. Possess excellent interpersonal and collaborative skills with demonstrated ability to communicate with diverse, cross-functional teams.

Core Competencies

- Proactive Enthusiasm for Solving Problems
- Develop & Maintain Professional Knowledge
- Gather; Summarize Data for Decision Makers
- Detail-Orientated / Perform Complex Analysis
- Develop Positive & Professional Relationships
- Communicate Effectively Across all Levels
- Concise Verbal & Written Communication Skills
- Proficient in Research & Engineering Concepts

Education

Kirkwood Community College, Cedar Rapids, IA
Associate of Applied Science (A.A.S.) Degree in Energy Production and Distribution, 2014
Project Management Certificate, 2015

Professional Training

NABCEP PV Entry-Level	Energy Audits	Electric Vehicles
SolarEdge PV Optimizer Class	PV Design and Installation	Thermal Energy Storage
Distributed Generation	Smart Grid / Demand Response	Distributed Generation
PV Maintenance/Troubleshooting	Energy Efficiency Fundamentals	Six Sigma/TQM

Electric Vehicles and Energy Management
Electric Utilities: Fundamentals and Future
Fundamentals of Global Energy Business
Electric Power Systems, Natural Gas, Energy Industry Enterprise, Safety in Utility Industry

Career History

Residential / Farm Solar Installer (Contractor) 7/2014 to 10/2015
ECG LLC, Anamosa, IA

- Performed roof mount marking and grid layout, installed roof mounts, installed solar panel racking, rails, panel clamps and hardware; connected solar panel electrical wires
- Assisted with solar array commissioning; arranged and aligned panels, installed rack cross-braces, followed all safety procedures
- Applied required electrical labels to electrical disconnect boxes; installed electrical transition cables

Commercial Solar Installer 09/2016 to 10/2016
Aerotek Staffing (Contractor), Wilton, IA 2.2 MW solar installation

- Installed solar racking (top & bottom chords) and cross bracing (V-shape/design)
- Inspected solar panel for defects; installed panels & hardware; Connected panel electrical cables
- Worked with team members in coordinated effort to facilitate speed and efficiency of panel install
- Followed all safety and environmental procedures; Installed Yingli 72 cell 320W module panels

Equipment and Tool Experience

S:Flex aluminum rails, Rail splices, S:Flex end & mid-clamps, T-bolts, LG 300W AC pv module, ET Solar 255W AC pv module, RoofTech E Mount air, RoofTech mount kit, Solmetric Suneye 210, Utility string & Framing square, PV Cable Male/Female Transition Cable, Level & Metric hand tools; Power tools, Natural gas valves, Natural gas distribution equipment, Steam boilers, Water treatment equipment

Professional Work Experience

Boiler Operator / Maintenance

6/2017 to 12/2018

Sprung Services, Saint Paul, MN

- Completed boiler start-up, daily water testing, safety device testing and shut-down procedures on high pressure fire tube boilers. Complete tests of cooling tower and water samples
- Inspect, monitor and maintain steam plant equipment; Monitor and adjust boiler water chemical feed rates; record plant meter readings; Repair steam/condensate line leaks; Test boiler water, feedwater, condensate, water softener and Reverse osmosis samples

Test Technician

10/2016 to 1/2017

Volt Workforce Solutions (Radiant Systems), Cedar Rapids, IA

& 6/2012 to 9/2013

- Tested high-voltage, molded-case DC circuit breakers. Provided calibration, acceptance testing, and di-electric testing of DC circuit breakers, recorded and reported test results
- Performed all testing in accordance to Underwriters Laboratories 489 standards; completed multiple tests of 20A circuit breakers using LabView software: Masking the signal, Clearing time, EMI filter

Quality Control Technician

10/2015 to 5/2016

Talascend, Amana, IA

- Collected, monitored and reported production defect data to Quality engineers. Initiated corrective actions to minimize production defects. Inspected Standard work instructions and production line test equipment
- Effectively utilized wiring diagrams and electrical test meter while working alongside repair bay technicians to determine root cause of refrigerator defects and failed short-term acceptance tests

Industrial Maintenance

6/2014 to 2/2015

Heinz, Cedar Rapids, IA

Industrial Maintenance

8/2010 to 8/2011

Orbis Corporation, Monticello, IA

Military Background

Mechanical Technician, U.S. Coast Guard, Portsmouth, VA

Aviation Technician, U.S. Coast Guard, Houston, TX