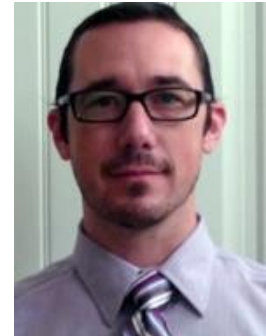


Heath Garrison

Electrical Safety Manager/Professional with knowledge in all areas of the NFPA 70 National Electrical Code, NFPA 70E Electrical Safety in the Workplace, OSHA 1910, OSHA 1926. Excel in analyzing and solving problems with various electrical safety concerns. Electrical Safety Authority Having Jurisdiction with experience in making code related determinations, inspecting unlisted electrical equipment, and prescribing appropriate safe working practice for electrical workers. Over twenty years of field-related experience.



Experience

e-Hazard Management, LLC — Louisville, KY

Instructor, 2018 to Present

Low and high voltage electrical safety training for e-Hazard clients around the U.S.

National Renewable Energy Laboratory (NREL) — Golden, CO

Electrical Safety Program Manager / Electrical Authority Having Jurisdiction, 2015 to Present

Electrical Safety Program Manager strategically leads and manages the Electrical Safety Program and the Electrical Safety Officer (ESOs) Team, associated resources, and the ESO Lab-wide Program/projects according to NREL and ESH&Q Office goals/objectives to maintain an electrically safe work environment throughout the Laboratory. Responsible for achieving project goals, objectives, and timelines, implement continuous improvements as well as meeting customer demands. Provide technical guidance on the implementation of NREL's Electrical Safety Program to support NREL operations, construction, and research lab operations. Position reports directly to the ESH&Q Director. Perform both administrative and technical duties and knowledgeable in electrical safety standards, including National Electrical Code (NFPA 70), NFPA 70E, OSHA 29 CFR 1910 and DOE 10 CFR 851 regulatory compliance as well as finance, federal government subcontracting and NREL administrative policies. Provide leadership, direction and decision-making to assist in meeting ESH&Q Office and NREL Lab-wide annual performance objectives.

Supports the ESH&Q Director by:

- Providing input into Office performance planning (Integrated Operating Plan, Performance Evaluation Measurement Plan, Annual Performance Self-Assessment, 5-Year Plans)
- Developing and monitoring the ESH&Q \$10M budget
- Reviewing H&S policies, procedures and incident investigation reports prior to these being sent on for Director's approval
- Acquiring needed information for the Safety & Security Council.

National Renewable Energy Laboratory (NREL) — Golden, CO

Electrical Safety Professional / Electrical Authority Having Jurisdiction, 2013 to 2015

Served as the Authority Having Jurisdiction for electrical safety, electrical installations and non-NRTL equipment inspects for the entire laboratory.

- Provided technical assistance to internal organizations as well as external contractors in executing NREL's Lab Level Procedures for electrical safety.
- Performed assessments with organizations to identify electrical safety violations, including participating in safety inspection.

- Implemented procedures to qualify equipment that has not been tested by a nationally recognized test lab.
- Developed electrical inspection procedures and performed electrical inspections of new construction, equipment modifications, and lab experiments.

B&W Pantex — Amarillo, TX

Electrical Safety Inspector, 2007 to 2013

Retained by B&W Pantex to perform electrical code inspections and perform electrical safety duties

- Performed complex inspections using approved methods and procedures for the accurate collection, cataloging and storing of inspection and/or test data personally generated and/or received from other departments within the Plant and other agencies.
- Performed complex analysis of inspection data and assisted in the development of specifications, standards, or training programs and/or identified process changes, detected discrepancies/deficiencies or isolated causes of variation or trends as required.
- Participated in internal and/or external assessments within assigned projects to support validation of quality of products or processes to project/production managers or DOE.

B&W Pantex — Amarillo, TX

Master Electrician, 2002 to 2007

Performed electrical-related wiring and installation for commercial and industrial construction projects, including new construction, retrofits, remodels and plant expansions. Performed electrical maintenance duties in an industrial facility.

- Served as master electrician or journeyman on more than 50 construction projects as well as dozens of major industrial upgrade projects.

McCracken Electric — Amarillo, TX

Journeyman Electrician, 2000 to 2002

Apprentice Electrician, 1995 to 2000

Performed electrical-related wiring and installation for commercial and residential construction projects, including new construction, retrofits, remodels and plant expansions.

- Served as journeyman electrician or apprentice on more than 100 major commercial projects as well as dozens of new home construction projects.

Education

National Joint Apprenticeship & Training Course

- Graduated top of class, 1996-2001

Amarillo College

- Attended classes to receive degree in Electrical Engineering

Certifications & Memberships

Certified Master Electrician, State of Colorado, 2011

- License # 5586

Certified Master Electrician, State of Texas, 2010

- License # 215745

Certified International Electrical Code Inspector by International Code Council (ICC), Nation Wide, 2007

- License # 8003742

Energy Facilities Contractors Group (EFCOG), Electrical Safety Sub-Group, DOE Workers

- Executive Officer, Chair Emeritus 2017-Present
- Executive Officer, Chair 2015-2016
- Executive Officer, Elected Vice Chair 2013-2014
- Executive Officer, Elected Secretary 2011-2012

NFPA 70E Article 105 & 110 Task Team

- Active member of this task team for 2012, 2015, 2018 NFPA 70E, Electrical Safety in the Workplace

NFPA 70E Technical Committee

- Active member of the NFPA 70E technical committee. Serve as an alternate to Mark McNellis.

NFPA 79 Technical Committee

- Active member of the NFPA 79 technical committee