
Kenneth J. Andrea

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Accomplished Facilities Manager and Master Electrician with a superior MEP skill and proven administrative management qualities, combined with a strong working knowledge of OSHA 1910, 1926 NFPA 70, 70E, 70B and asset planning proficiencies.

Employment History:

MES Consulting Services Washington Street Weymouth, MA 02189

August 2019 –

Electrical Safety Consultant

Providing unique on-site OSHA and NFPA 70E electrical safety training to fortune 500 Co. Focusing on bring to light 70E as a standard not law and providing factual information of OSHA Construction Standard. Working to provide employers with specialized practical understanding and implementation of OSHA 1910 General Industry & 1926 Construction regulation including “Qualified Person” “Demonstrated skills and knowledge” requirements and the limitations of “Live Work” under 1910 General Industry rules. Provide companies with navigate tools for Arc Flash study proposals, Job Hazard Analysis (JHA) MOP’s to mitigate risk exposures and catastrophic failure. MES- principal Ken Mastrullo co-authored the NFPA 70E handbook (2004).

Northeastern University Huntington Avenue Boston, MA 02115

May 2011 - August 2019

Electrical Operations Supervisor

Managed both contractual labor and twelve (12) in-house staff electricians for over 7.8 million sq./ft of University academic, residential, and administrative facilities. Responsible for fiduciary and timely delivery of multiple and concurrent projects and initiatives including preventive maintenance programs. Implemented a monitored PM tracking and identification program for all University normal, emergency and 15KV electrical infrastructure. Acting as liaison with University Planning, Facilities Design & Construction project managers and members of the University community on all matters affecting electrical issues. Administered the collection of technical data (work orders) to support budget allocation for deferred maintenance items and upgrades. Supervised employees in accordance with University policies, including recruitment, discipline and performance evaluation. Created and administered training and professional development programs, providing policy recommendation and procedural changes affecting the productivity and welfare of the electrical department. Developed a comprehensive electrical safety programs including the fostering of new electrical design standards, in-house permitting program and the proper implementation of OSHA 1910 & 1926. Partnered with senior management to developing long-range infrastructure improvements and their respective budgets new installations and testing distribution switchgear, transformers, automatic transfer switches, static switches and diversified life safety equipment.

Northeastern University Huntington Avenue Boston, MA 02115

Emergence & Standby Power Systems

Reported to the Manager of Utilities and Infrastructure, provide technical support and testing for University's emergency power infrastructure and associated life safety equipment. Utilizing NFPA 70, 70E and Standard 110 to insure reliable power production for Life Safety, Legally Required and Optional Stand-By power needs during utility outage and/or scheduled outages. This included the implementation of a preventive maintenance schedule to maintain associated fuel systems, automatic transfer switches, electrical distribution system equipment and the supporting documentation mandated by AHJ for equipment located both on and off campus. Operating with a high degree of independents required to exhibiting and instilling end-user stakeholder confidence for scheduled testing and power interruptions during sensitive campus hours and valuable lab experiments.

Levangie Electric Middle Street Weymouth MA 02189

2008- 2011

Staff Electrician

Installations include premises wiring, cabling and piping of multi-voltage & 15KV equipment and systems, transformers, lighting panels and packaged generators sets. Projects include Framingham State University, Norwood High School, Fall River Housing Authority, and University of Massachusetts Amherst.

Day International: Industrial Pk. Rd Rockland MA 02370

1997- 2008

Facilities Maintenance Manager

Reported to the Director of Operations, provided both hands-on and technical support to printing manufacture in multiple facilities located in California, Texas, Minnesota, Georgia, Ohio and Massachusetts additional travel was required to overseas partners in England, France, Amsterdam and Mexico. Initiated and implemented several production enhancement and policy efficiencies while raising the employee awareness of OSHA and NFPA standards including life safety requirements in the work place. Negotiated and managed real estate leases equipment procurement and multi-discipline engineering activities during capital improvement projects. Managed contractor staff during the relocation of manufacturing plants including coordinating the logistics equipment and IT infrastructure to ensuring minimal interruption and to maintain business continuity. Required a high degree of interaction with local Building, Fire and Inspectional Services. Success was measured on minimizing production down-time and maintaining the fixed budgets.

DMC - HONEYWELL South Street Easton, MA 02356

1993 to 1996

Field Manager: Responsible for the proper administration of Utility guided gas conservation measures for both medium and large-scale multifamily properties within Boston. Included contract administration of vendors, and in-house staff to provide heating & cooling conservation measures with and associated controls.

Program Manager Assured administrative compliance for a Utility lighting conservation program. Implemented and maintained program objectives and guidelines. Encouraged and motivation customer participation into investment into conservation strategies. Selected and approved qualified contractors to install lighting equipment

EEC -Electronic Environment Control Reservoir Pk. Rockland, MA 02370 1988 to 1993
Project Manager: Managed day-to-day administrative activities of multiple construction teams, specializing in the installation of raised floors for computer rooms. Planned, scheduled and installed wiring and piping for fire suppression systems, generators, UPS and HVAC system and controllers.

ATLANTIC SWITCHBOARD Center Street Holbrook MA 02343 1986 to 1988
Technical Sales:
Company provided UL listed alternatives for switchgear, panel board and associated buss replacement work. Replacing FPE and Kellogg obsolete equipment, specializing in packaged installations including fabricating of new buss ways and metal clad cabinet enclosures.

RUSSELECTRIC South Shore Industrial Pk. Hingham, MA 02043 1983 to 1986

Field Service Engineer
Factory trained technician to providing on-site factory start-up of Critical Facilities and Micro Grid switchgear across the United States. Nominal and 15 KV switchgear provide Life Safety, legally required or emergency power production to meet high speed switching needs. Testing and calibrating of systems protective relay devices, tie breakers and relay logic devices with ability to peck shave and or to parallel to utility. Maintain high degree of technical fortitude demonstrating technical and administrative skill to instilling customer confidence. Performed preventative maintenance for automatic transfer switches including bypass and isolation switches up to 2000A. Responsible for issuing all factory warranty certification upon completion of system start-up and commissioning.

Education

Northeastern University: BS Business Leadership (candidate) 2016-
Blue Hills Technical Institute: Associates Degree of Science Electro-Mechanical 1979 - 1981

Licenses / Certificate

Massachusetts Master Electrician # -21451A
Massachusetts Journeyman Electrician # - 38949E
NFPA 70 E - Electrical Safety in the Workplace / Demonstrated skills
NFPA –Disaster /Emergency Management Planning & Business Continuity
OSHA 10 – General Industry Safety and Health Outreach program
OSHA– First Responder Operation Level, Fire Extinguisher Training, CPR Training
PADI – Scuba open water certification
DOT – Licenses Certificate

Affiliations

ASSP -American Society of Safety Professionals (Member) 2018 - current
NFPA -National Fire Protection Association (Member) 1999 - current
East Bridgewater Fire Department Community Emergency Response 2007 - 2009
Housing Authority Board Member (elected) 2004 - 2006
Solid Waste Management Committee, Chairman 1992 - 1995

