

PROFESSIONAL SUMMARY

Results-driven industrial electrical foreman with 17+ years of experience leading electrical system installations in manufacturing plants, steel mills, and processing facilities. Specialized in high-voltage systems, motor controls, and shutdown coordination.

EDUCATION

Certificate in Industrial Electricity

Triangle Tech – Pittsburgh, PA | 2008

Certifications

- Pennsylvania Journeyman License (2009)
- NFPA 70E Certification (2023)
- MSHA Part 48 (2022)

SKILLS

- Industrial power systems **Expert**
- Shutdown/startup planning **Expert**
- Motor control center (MCC) wiring **Expert**
- High-voltage terminations **Expert**
- SCADA integration **Expert**
- Preventative maintenance **Expert**
- PLC troubleshooting **Expert**
- Safety compliance (NFPA 70E) **Expert**
- Team supervision **Expert**
- Root cause analysis **Expert**

EXPERIENCE

2017 - Now

Industrial Electrical Foreman

Allegheny Industrial Electric / Pittsburgh, PA

- Direct crews of up to 18 on complex power system upgrades for Alcoa and U.S. Steel plants, ensuring minimal downtime during scheduled shutdowns.
- Coordinate all aspects of installation, from materials logistics to safety walkthroughs, reducing incidents to zero across a 14-month period.
- Work with control system engineers to integrate new PLCs, SCADA systems, and MCCs, improving line uptime by 22%.
- Manage power distribution and installation of 13.8kV switchgear during facility expansion in McKeesport.

2008 - 2017

Industrial Electrician

RustTech Electrical Services / Monroeville, PA

- Maintained, repaired, and upgraded motor systems in high-demand manufacturing environments with minimal unplanned outages.
- Partnered with mechanical and maintenance teams to troubleshoot complex automation issues.
- Rewired control rooms and assisted with PLC logic updates for conveyor and batching systems.
- Led weekend emergency service crews for 24/7 response, cutting average repair time by 35%.

ADDITIONAL INFORMATION

- Oversaw emergency power installations during a month-long outage at a major glass manufacturing facility in Butler, PA.
- Completed GE Fanuc PLC Level II training to enhance troubleshooting skills on industrial lines.
- Led safety implementation for confined space entry protocols at three Pennsylvania processing plants.
- Authored internal training material for onboarding new electricians on arc flash prevention and lockout/tagout.