



# McConway & Torley, LLC

CRAFTSMANSHIP & INNOVATION



MELTING



MOLDING



HEAT TREATMENT



MACHINING



TESTING



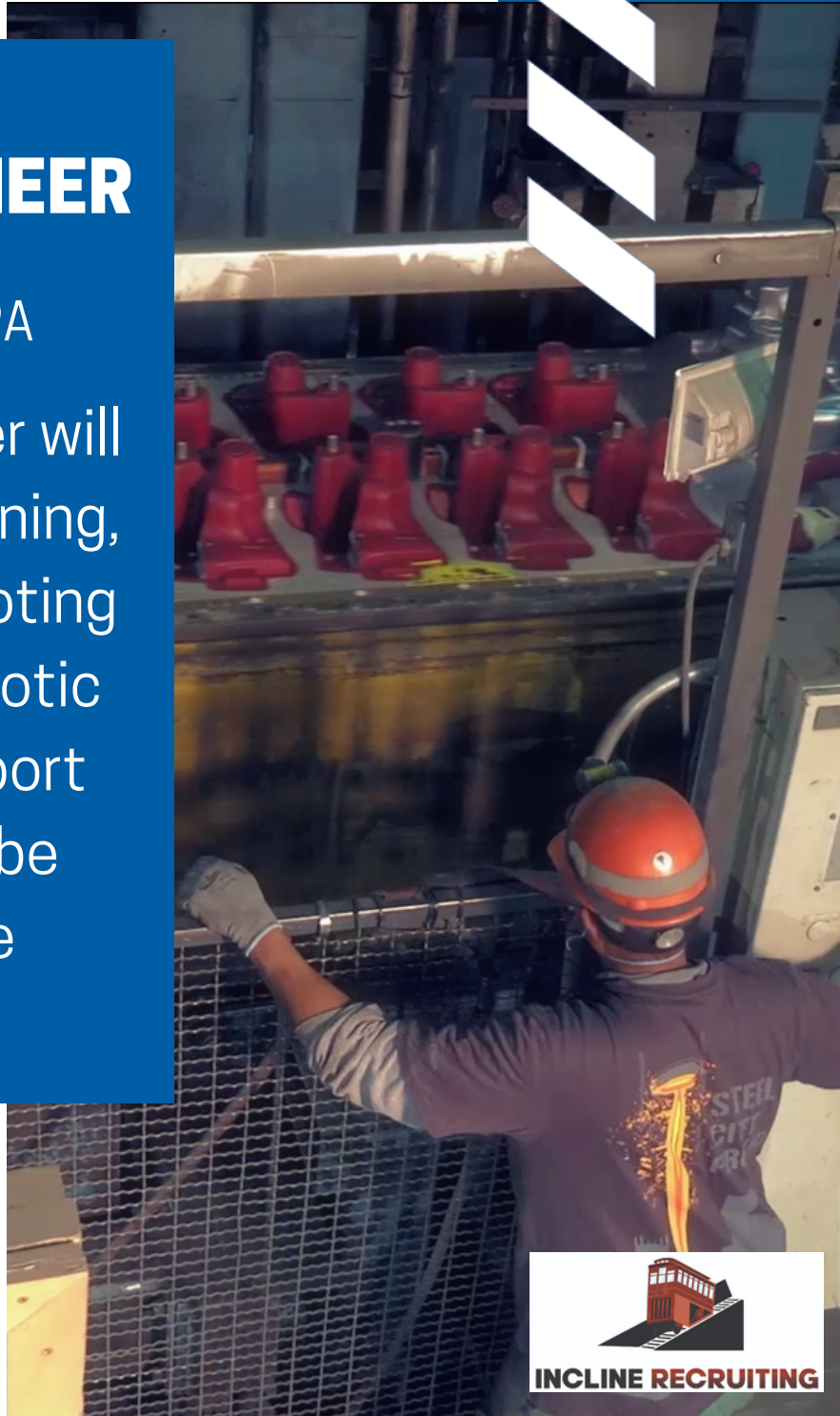
DESIGN & ENGINEERING

## ELECTRICAL AUTOMATION ENGINEER

**Location:** Pittsburgh, PA

The Automation Engineer will be responsible for designing, testing, and troubleshooting automated PLC and robotic processes. These support services will typically be performed alongside maintenance.

**See what we do!**



**INCLINE RECRUITING**

# RESPONSIBILITIES

- Designing, programming, implementation, and testing support for new Control System/Automation projects within our current facility
- Participate in capital projects, new installations, testing, and modernization projects for new PLC and robotic systems
- Provide front-line technical support, problem-solving, and maintenance support for all of the automated manufacturing systems
- Participate in root cause analysis, incident investigations and troubleshooting of control issues
  - Note: Will require periodic on-call support for 24/7 manufacturing environment
- Implement modifications/updates and continuous process improvement solutions for existing automated equipment and stand-alone control systems
- Lead efforts for the remediation, migration, and/or upgrade of existing control system
- Implementation of document updates for design specification, SOPs, operating standards, engineering documents, drawings, etc.

## REQUIREMENTS

- Associates degree or bachelor's degree in engineering or technical discipline
- Knowledge and understanding of controls systems governed by platforms such as Allen Bradley CompactLogix, ControlLogix, Siemens Step 7, ABB Robotic, Honeywell and Hart Protocol.
- Experience with SCADA HMI interfaces (FactoryTalk View, Rockwell Historian, Win 911, TIA Portal)
- Understanding of network communication protocols (TCP/IP, Ethernet, Profibus, control net, profinet, DeviceNet, Modbus and Rs232)
- Strong ability to read Electrical Drawings, Schematics, Single Line Diagrams and P&ID which depict the electrical theory, operation and control of a system
- Strong understanding of industrial control and substations
- Comfortable with 24/7 manufacturing environment

## PREFERRED QUALIFICATIONS

- Experience with different vendors within the Automation Industries
- Ability to build and implement control applications through PLC programming and HMI graphic design
- Works well with others, within a team and takes accountability
- Result driven and self-motivated
- Strong interpersonal and communication skills
- Organized, with strong computer literacy such as MS office applications, inventor, AutoCAD etc.



**TO HAVE A CONFIDENTIAL DISCUSSION  
REGARDING THIS ROLE, PLEASE CONTACT:**

**MISSY BALASKI**

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