



Electrical Engineer Apprentice Position

BACKGROUND: The NWIRC is a non-profit management consultancy of the U.S. Department of Commerce and the Pennsylvania Department of Community and Economic Development that assists in the health and vitality of manufacturing businesses in the Northwest Pennsylvania region.

OBJECTIVES: The qualified apprentice will work within the combustion department. Responsibilities are, but not limited to:

- Building and testing electrical panels
- Calculate Arc Flash boundaries and Short Circuit Current Ratings
- Utilize Microsoft Visio to clean up drawings
- Create training materials for new hires
- Ensure all parts ordered are ready to install in panels
- Gain understanding of programming from Allen Bradley and Honeywell
- Gain understanding of the logic of Flame safety

REQUIREMENTS: Candidates are required to be currently enrolled in an accredited college or university, and shall be pursuing a four-year degree in Electrical Engineering and ability to work at the Erie County facility. The candidate must have the ability to understand motor control logic; can read and understand ladder logic. Able to work with multi-meters and volt meters. Have a working knowledge of Microsoft Excel, Word and Visio. Able to conduct calculation for Arc Flash and Short Circuit Current Rating.

Minimum required cumulative GPA of 3.0 on a 4.0 scale.

TIMEFRAME: January 2016 through May 2016. Possible opportunity for full-time employment.

PAYRATE: Minimum \$12.00 per hour depending upon experience, knowledge and skills.

CONTACT: Qualified candidates are to apply online at www.nwirc.org/apprentice. Please direct all inquiries about this advanced manufacturing apprentice opportunity, including requesting further detailed description of essential job function, to Gretchen Reinard via email greinard@nwirc.org.