

EXPERIENCE

ELECTRICAL ENGINEERING TECHNICIAN ST SHIFT

Detroit, MI

02/2014 – present

- Use electrical drawings and diagrams, to assist with the installation of various types of electrical equipment and controls according to specifications and codes
- Assemble, run conduit, pull wire, calibrate, and install electrical control panels for new or re-built equipment
- Direct, assist, and/or provide technical assistance in diagnosing and solving problems related to electrical work
- Perform preventive maintenance on systems and equipment as directed by supervision
- Maintain and up-to-date knowledge of new electrical systems and technological developments or change in systems in facility
- Work with production supervision to correct electronic problems with machinery
- Assist with providing labor and material cost estimates for projects

ELECTRICAL ENGINEERING TECHNICIAN REMAN

New York, NY

11/2009 – 01/2014

- Work with, and help develop specialized fixtures, test equipment, and procedures for failure analysis
- Working knowledge of high voltage DC battery systems, basic electronics and DC electrical systems
- Perform complex and precise electro-mechanical debug, repair, and remanufacturing
- Work with Material Review Board (MRB) to support Manufacturing
- Can work closely with multiple departments
- Complete tasks within standard times, as directed by your supervisor and per established schedules
- Maintain a clean and orderly work area

ELECTRICAL ENGINEERING TECHNICIAN

Phoenix, AZ

10/2006 – 06/2009

- Developing new techniques to improve efficiency, develop CAD programs and macros
- Assist in developing cabinet wiring systems to meet customer demands/expectations
- Work as part of the development team, and liaise closely with the electrical specialist, mechanical engineers and technicians
- Assists in the development of the production and manufacturing processes
- Assist in building fixtures to aid the development and testing of electronic circuit boards and assemblies
- Also responsible for assisting in day-to-day machine and tooling problem resolution
- Performs basic AC/DC circuit analysis with Ohm's Law

EDUCATION

SYRACUSE UNIVERSITY

Associate's Degree in Precision Working With Minimum Tolerances Required

SKILLS

- Safety awareness -Knowledge of conditions that affect employee safety in order to be proactive in addressing hazards and risk
- A disciplined and motivational personality. Also self-motivated, results oriented, and capable of a sustained and continuous effort
- Be proficient in MS Office applications
- Have good verbal and written communication skills
- Have a working knowledge of measuring and diagnostic devices to evaluate electronics and circuits, including oscilloscope, function generator, and DMM
- Be a hands-on individual with strong electrical and mechanical skills
- Comfortable with rework and programming of microcontrollers
- Be a strong problem solver, organized team player, and will take initiative to research new technologies in order to solve challenges
- Knowledge of Amtech, Dialux, ACAD and Microsoft Office
- Understand and adhere to Chentronics' Quality Control system