

Job title	PLC Technician
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This PLC Programmer / Controls Technician is responsible for completion of assigned tasks associated with the production, installation, and servicing of robotic automation systems. The incumbent assists with shop floor assembly and provides technical troubleshooting support. Typical automation projects include the design of control panels and the integration of robotics, PLC's, and other related components. Must have strong PLC programming and electrical controls related work experience. More precisely, the incumbent:

Programming PLC's

- Assembly of integration components on the shop floor
- Provides support to the electrical maintenance group.
- Designs new plant equipment or modifies existing equipment as directed.
- Programs new plant equipment or modifies existing programs as directed.
- Provides technical information concerning calibration, programming and machine setup.
- Confers with plant personnel to resolve problems.
- Prepares system layouts, detailed drawings and schematics.
- Compiles and analyzes operational test data to resolve performance issues.
- Develops experimental test programs.
- Analyzes test data and reports to determine if design meets functional and performance specifications.
- Installs design modifications as required.
- Maintains critical environmental and process controls.

Requirements

- Programming experience for PLC's
- Minimum 3-5 years of prior PLC experience in robotics, or automation integration, or related
- Technical degree with electronics certification required
- Ability to work in a fast-paced, multi-skilled 3-shift environment
- Capable and competent in handling multiple tasks and projects
- Ability to work weekends on as needed basis
- Working knowledge of the basics of electronics and digital technology
- Ability to read, follow and develop electrical wiring diagrams and electrical blue prints
- Skills to research technical information and documents
- Talent to document procedures and programs
- Reading, writing and communication in English and Russian is a plus
- Performs other related tasks.