

Position Title: Controls Engineer	Department: Engineering	Reports To: Engineering Manager
Level: Entry	FLSA Status: Salary Exempt	Supervisory Requirements: N/A
Position Summary: The Programmer is responsible for system development and integration of custom process equipment, that is fully automated and computerized. The skills required in this position will be utilized to troubleshoot, integrate, develop, and debug unique projects.		
Essential Functions:		
- Responsible for programming systems (programming, debug, FAT testing, troubleshooting, R&D, and generate documentation.). - Support Field Service department (technical, startup, training, software modification and etc.) - Support each customer (including technical, startup, training, software modification, and etc.) - Provide knowledge and input when the company has a field startup and/or system integration. - Ability to identify, diagnose, and fix issues in custom equipment with electromechanical troubleshooting. - Capacity to read and understand electrical schematics and P&IDs. - Program systems using ladder logic on different architectures (Siemens, Allen Bradley, etc.) - Escalate any issues when changing system programming standards, or system operation from original design intent to your manager. - Maintain safe equipment standards.		
Knowledge & Skills:		
- Leadership - Problem Solving - Logical thinking - Multi-tasking - Time management - Technical Capacity - Excellent Written and Verbal Communication - Foresight - Project Management - Organization - Team- oriented		
Minimum Qualifications:		
- Bachelor's degree in related field (computer science, electrical engineering, programming, etc.) (required) 2-5 years of experience in automation manufacturing. - Familiar with electrical, electronic, mechanical, software and industrial automation (Siemens, Allen Bradley) - Knowledge of electromechanical systems. - Knowledge of basic process control and analog devices. - Familiar with computers/software including MS office package, CAD, etc.		
Physical Requirements:		
- Must be able to lift 10 lbs. unaided - Must be able to sit for long periods of time - Must be able to type, bend and reach - Must be able to travel at least 5% of the time		
Environment:		
- Typical professional office and shop setting - Exposure to industrial conditions when visiting customers and touring their facilities - Routinely use standard office equipment including phones, computer, copiers, printers, etc - Must contribute to a positive working environment - Must be a team player		

All duties and responsibilities are essential job functions and requirements of this position. These are subject to possible modifications to reasonably accommodate individuals with disabilities. To perform this job successfully, the team member(s) will possess the skills, aptitudes, and abilities to perform each duty proficiently. The requirements listed in this document are the minimum levels of knowledge, skill and abilities for this position. This in no way states or implies that these are the only job duties to be performed by the team member(s). Team member(s) will be required to follow any other job-related assignments, instructions and duties instructed by authorized personnel.



This document does not create an employment contract, implied or otherwise other than an “at will” relationship.

Employee Signature

Employee Name (Printed)

Date

Manager Signature

Manager Name (Printed)

Date
