

# Auto Control Designer

JOB ID: MFS292 (AD)

Job Posted: September 17, 2021

Job Closes: October 25, 2021

Full Time Permanent

Wages: Competitive w/Excellent Benefits

## Description

Create electrical and pneumatic schematics for custom automation systems. Develop a detailed layout of the project in an accurate, organized, cost efficient manner that the electrical department can implement efficiently and meets customer requirements.

## RESPONSIBILITIES

Primary role is to develop electrical and pneumatic schematics within Eplan and SolidWorks Electrical

Present concepts/designs at concept reviews, internal design reviews, and at customer design reviews

Support the Applications group by developing concepts, estimating design labour, and estimating controls purchases

Identify and research electrical and pneumatic components for the project to ensure they meet requirements

Develop RFQs for major control system purchases and communicate with the supplier(s) involved

Communicate with suppliers to discuss component specifications, pricing, and lead time

Document information for Customer Manuals: As built Schematics, BOMs, spare parts lists, maintenance items, and OEM documentation

Work in conjunction with manufacturing to review schematics confirming accuracy and identifying ways to optimize the system

Communicate with customer throughout project to ensure controls system meets customer specifications and standards

Lead a team of controls designers on medium to large projects to ensure that functional specifications, budget, and timelines are met

Mentor and train junior employees

Develop and document department standards and best practices

## Requirements

Visit [www. https://bosinnovations.com/careers/](https://bosinnovations.com/careers/) for full requirements and details