



Job Description: Electrical Design Engineer

Harmony Enterprises, an Equal Opportunity (EEO/AA) Employer, is hiring for the position of Electrical Design Engineer. Harmony Enterprises' Electrical Engineer is responsible for the overall development of machine controls and electrical designs related to industrial waste and recycling equipment, such as vertical and horizontal balers, compactors, and automated conveyors.

Primary Responsibilities:

- Develop machine control systems using PLC/ HMI solutions; primarily Allen Bradley, Studio 5000, CCW, RSLinx, Codesys, Easy Soft, and other automated solutions.
- Simulate, test, and debug machine control systems in-house.
- Install and start up systems in-house and at end-user facilities.
- Create unique customer-focused solutions and programs.
- Coordinate with customers, vendors, and colleagues to solve automation challenges.
- Create electrical diagrams & schematics with AutoCAD/ACAD Electrical.
- Create, update, and maintain electrical Boms using ERP systems.
- Create, update, and maintain technical data sheets for manuals, internal processes, and training, in accordance with internal EOS and ISO standards.
- Size and select components, including power supplies, sensors, switches, motors, and other control devices for machines in compliance with industry standards.
- Uphold safety standards for electrical designs in compliance with latest standards, including CSA.
- Provide technical support internally and externally.

Requirements:

- Bachelor of Electrical Engineering or equivalent is preferred. Applicant must have a solid, validated history of electrical controls capabilities.
- 5+ years' experience in machine automation controls, conveyors, or other related systems.
- Experience with 2D and 3D design software (AutoCad-Inventor preferred).
- Experience with Microsoft Office and related tools.
- Excellent written and verbal communication skills.
- Ability to learn quickly in a team-oriented environment.
- High level of motivation and desire to make a difference.
- Ability for travel for system start-ups, when applicable.

Candidates must possess Harmony Enterprises' Core Values:

- Committed
- Passionate
- Innovative
- Courage To Make A Difference
- Enhancing Our Shared Experience

Pay will be based on experience.

Harmony Enterprises, Inc. is the innovative global solutions provider for the waste handling and recycling industry. Visit our website at www.harmony1.com for more information about our company.

Interested candidates, please submit resume and job application online at <https://harmony1.com/about-us/employment-with-harmony/> or mail your resume with a cover letter to:

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