



Job title	<i>Project and Controls Engineer</i>
Reports to	<i>Engineering Manager</i>

Summary

This position is responsible for providing “World Class” Machine Controls, Project Engineering and Troubleshooting support to Hasko customers both external and internal. Mechanical design and support to the engineering department is approximately 65% of this position, Electrical controls, and programming and support are approximately 35% of this position.

Professional Qualities

Leadership

- Challenges others to develop as leaders while serving as a role model.
- Inspires coworkers to attain goals and pursue excellence.
- Identifies opportunities for improvement and makes constructive suggestions for change.
- Remains on the forefront of emerging industry practices.

Teamwork

- Facilitates effective team interaction.
- Acknowledges and appreciates each team member's contributions.
- Keeps track of lessons learned and shares those lessons with team members.

Development

- Seeks and participates in personal development opportunities above and beyond training required.
- Trains other technicians and clients through both formal and informal training programs.

Customer Management

- Manages customer interaction and expectations regarding development efforts.
- Develops lasting relationships with customer personnel that foster customer ties.
- Communicates effectively with customers to identify needs and evaluate alternative technical solutions.
- Continually seeks opportunities to increase customer satisfaction and deepen customer relationships.
- Builds a knowledge base of each customer's business, systems and objectives.

Communication

- Attends regular status meetings with development team.
- Keeps development team well informed of changes within the organization and general corporate news.

- Delivers engaging, informative, well-organized presentations.
- Resolves and/or escalates issues in a timely fashion.
- Understands how to communicate difficult/sensitive information tactfully.

Internal Operations

- Suggests areas for improvement in internal processes along with possible solutions.
- Leads internal teams/task forces.
- Reviews the status reports of team members and addresses issues as appropriate.
- Complies with and helps to enforce standard policies and procedures.

Project Related Competencies

Technical Development and Delivery Management

- Consistently delivers high-quality services to our customers.
- Provides technical direction for the development, design, and systems integration for customer engagement from definition phase through implementation.
- Applies significant knowledge of industry trends and developments to improve service to our customers.
- Easily recognizes system deficiencies and implements effective solutions.

Duties and responsibilities

- Provides mechanical engineering duties in the development of machine and system projects.
- Provides both remote and onsite technical support to Hasko customers and Technicians.
- Provides technical support to the engineering/sales/production departments as required.
- Provide assistance in the preparation of engineering reports including, but not limited to, quotes for electrical modifications or systems as required.
- Provide systems analysis to engineering, production and customers as needed in relation to electrical/electronic/hydraulic/pneumatic and mechanical systems.
- Is proficient in the use of AutoCAD, or other appropriate software to provide design and drawings of control panels, wiring diagrams and systems.
- Creates electrical BOMs and schematics for Hasko machinery.
- Provides training/assistance to field service and production technicians and customers as needed in relation to electrical/electronic/hydraulic/pneumatic and mechanical systems.
- Uses PLC programming software to program PLC's, document PLC programs and maintain accurate records of programs and program revisions.
- Performs functions required for research and development of new products.
- Coordinates with engineering and sales on installations estimating labor and materials required.
- Identifies and documents non-operational safety devices on all Hasko equipment.
- Provide support and training for personnel using the MRP software in production/engineering.

Qualifications

- B.S. Degree in Mechanical or Electrical Engineering; or four to six years related experience and/or training; or equivalent combination of education and experience.

- The Project and Controls Engineer must be proficient in Inventor, AutoCAD or equivalent software.
- Must have excellent written and oral communication skills.
- Must have a solid understanding of mathematics.
- He/she must have good applications of mechanical and electrical/electronic sciences.
- Must be able to form and establish sound conclusions while dealing with a variety of both technical and unclear data.
- Must have excellent project management skills.

Working conditions

This position may require overnight travel up to 20% of the time. This position will require periodic work to be completed on weekends. This position will require 40-50 hours per week or as required. The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. Technical Services Manager will be exposed to a variety of industrial environments. He/she may be exposed to dust, fumes, hot and cold temperatures, loud noises, moving machinery and moving machinery parts. This position must be available for occasional phone support night and weekends.

Physical requirements

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. Must be able to walk, sit, and stand for long periods of time on a variety of surfaces and be able to bend and extend fully. Must be able to lift at least 70 pounds and perform physical duties required for assisting in electrical assembly of machinery. Good vision and hearing is required. This position requires full use of both hands and feet.

Direct reports

There are none at this time. There may be in the future.

Approved by:	
Date approved:	
Reviewed:	<i>9/16/2016</i>