



Design Engineer

ASV Holdings, Inc. designs and manufactures a full line of compact track loaders and skid steers used primarily in construction, forestry, landscaping and agriculture. ASV has an immediate opening for an experienced Design Engineer, with a strong background in hydraulic and structural design. Other areas of desired expertise include: regulatory compliance/standards, operator station design, and/or electrical systems. This position is located at the manufacturing facility in Grand Rapids, Minnesota, USA.

You will enjoy working for ASV if you:

- Are looking for an opportunity to have an important, visible impact on the design of high performance CTL and SSL machines
- Want to be part of an integrated design group who collaborate on all phases of design
- Look forward to continuous education in your profession
- Expect to roll up your sleeves to work on your designs. You will have hands on experience implementing your ideas including test track validations.

OVERVIEW OF RESPONSIBILITIES:

This role is responsible for developing and applying reliable engineering methods, theories, and research techniques, in the investigation and solution of technical challenges. These challenges can be mechanical, structural, electrical, and/or hydraulic in nature. Technical projects will be planned to address the process, design, and/or development of ASV products. This role is responsible for developing new concepts from initial design to market release. Designs are documented by creating models, assemblies, and drawings in Creo. They will be analyzed using traditional methods in conjunction with dynamic testing and finite element analysis software. Design activities are coordinated with all applicable compliance standards in the countries our CTL and SSL machines are sold.

BASIC QUALIFICATIONS:

- B.S. Mechanical / Agricultural Engineering
- 1-5 years' experience with mechanical system design
- Strong commitment to quality, safety and continuous improvement
- Excellent communication skills, both verbal and written
- Strong problem-solving skills

PREFERRED QUALIFICATIONS:

- Proficient with Creo and Windchill
- Total Quality Systems experience
- Knowledge of machine standards and compliance
- DFM and 6 Sigma experience
- Experience with GD&T
- Experience with hydraulic/electrical control systems
- Experience with microprocessor based control systems a plus
- Experience with structural analysis and ANSYS finite element analysis software a plus

The above Job Description is not intended to be an all-encompassing list of responsibilities, skills, efforts or working conditions associated with this position. It is intended to be a guideline reflecting the principle activities.