



1617 317<sup>th</sup> Ave.  
 P.O. Box 345  
 Vermillion, SD 57069

Department	Hydraulic Division
Job Title	Hydraulic Assembly Technician
Position Reports To	Hydraulic System Design Engineer

<u>Level/Grade</u>	<u>Type of position:</u>	Hours: 40-50 / week
N/A	<input checked="" type="checkbox"/> Full-time <input type="checkbox"/> Part-time	<input type="checkbox"/> Exempt <input checked="" type="checkbox"/> Nonexempt

**GENERAL JOB DESCRIPTION**

Responsible for the assembly and troubleshooting of hydraulic systems. Testing and verification of hydraulic systems down to the component level. The Hydraulic Assembly Technician will work closely with the Hydraulic System Design Engineer and production floor of Masaba, Inc. to provide complete hydraulic system support. This fast-paced environment affords employees a challenging environment to grow and to expand their experience and skill sets in the discipline of designing and troubleshooting hydraulics.

**ESSENTIAL JOB REQUIREMENTS**

**Essential Duties and Responsibilities**

- Read and comprehend hydraulic schematics
- Read and understand manufacturing and assembly instructions for fabrication of hydraulic systems
- Assemble and modify hydraulic products and systems to interface with machines and equipment
- Provides hydraulic technical support during manufacturing, assembly, and startup
- Perform, record, and report operational tests for verification of proper performance
- Wire, assemble, and operate hydraulic systems using jib crane and test stands
- Proper hose assembly and routing practices
- Organize, cleaning, and maintenance of hydraulic testing equipment and area
- Collaborate with and support internal departments with technical information
- Work collectively with Engineering and Production to manage materials and components for projects
- Comply with all safety rules and procedures
- Other duties as assigned

**Qualifications**

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Operation of jib crane
- Hydraulic plumbing and fitting identification
- Communication and experience with fluid power terminology
- Have experience in an assembly role, preferably in mobile equipment
- Understanding of fluid mechanics, hydraulic systems, and practical knowledge of hydraulic components
- Have a sound understanding of hydraulic and mechanical principles
- Ability to work with hands, hand tools and/or machine tools

**Language Skills**

Strong written and verbal communication skills required. Ability to write reports and business correspondence. Ability to effectively present information and respond to inquiries of managers, clients, and customers. Ability to read, analyze, and interpret technical schematics, and work instructions.

**Reasoning Ability**

Excellent prioritization and project development skills. Ability to solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists. Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form.

**Computer Skills**

To perform this job successfully, an individual should have experience with Microsoft Office Suite and 3D viewer software.

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**EDUCATION REQUIREMENTS**

- High School Diploma / Technical Degree in Fluid Power
- 2+ years' of related hydraulic experience and/or training preferred.

**PRE-EMPLOYMENT REQUIREMENTS**

- Pre-Employment Drug Screening
- Health Assessment Questionnaire or medical examination