

# *Truck & Trailer Specialties, Inc.*

## **Truck Build-up Specialist Position Description**

### **Journeyman Level: Specialist**

**Position Overview:** The person in this position will be responsible for a variety of activities designed to complete final assembly of truck chassis. The work is performed through the application of knowledge of truck build-up processes and other resources; written, computer generated, oral, etc.

### **Essential Job Functions**

- Fabricates, modifies, and/or installs truck bodies and equipment using welders, torches, plasma cutter, lathes, mills, shears, punch presses, drill press and metal cutting saws.
- Weld ferrous and nonferrous metals using MIG or arc (electrode).
- Install, test, and diagnose hydraulic component including pumps, valves, cylinders, hoses, and filter assemblies. Hydraulic systems to include open center, closed center with load sense pumps and EPC valve sections.
- Install electric circuits (wiring) for various electrical accessories including lighting, automatic salting controls, sensors, switches.
- Utilize prints and diagrams for hydraulic and electrical systems in truck build-up processes.
- Utilize manuals and installation instructions in truck build-up processes..
- Daily communication with shop foreman and manager to identify upcoming work and parts required for buildup.
- Working cooperatively and proactively with customers: internal & external.
- Working cooperatively and effectively with the other Truck & Trailer locations.
- Continual process improvement development with manager and co-workers.

### **Non-essential Job Functions**

- Parts delivery and pickup
- Janitorial work beyond keeping work area uncluttered and swept.

### **Requirements**

- Overall understanding of trucks and truck components with very good comprehension of truck buildup process.
- Understanding in proficiency in various welding processes; including MIG, stick (electrode), oxy-acetylene.
- Basic understanding of metallurgy as relates to welding processes.

- General understanding of electrical circuits; including knowledge of laws current flow as relates to voltage drop in determining wire size required in various circuits.
- Good understanding of hydraulic systems; open and closed center; knowledge of laws relating to hydraulic flow, pressure, installation of components, adjustments, testing, etc.
- General mechanical aptitude.
- Ability to work alone with minimal or no supervision.
- Must have complete set of hand tools
- Must be able to read and comprehend written instructions, diagrams, schematics, and prints.
- Understanding and ability to effectively perform job functions with input from manager and internal customers.
- Great attitude and desire to work with others.
- Good communication skills; written and oral.

### Other Skills/Abilities/Licensing

- Valid State of Michigan Driver's License with clean driving record.
- CDL Driver's License with "A" endorsement & air brakes is **desired**
- Must obtain & maintain overhead crane operator's license (employer shall offer training & testing)
- Must obtain & maintain forklift operator's license (employer shall offer training & testing)
- Excellent communication skills; verbal and oral
- Ability to operate all equipment and use tools in a safe manner.
- Knowledge of computers and various software programs (Microsoft suite preferable) is **desirable**.
- Knowledge of on-board truck computer controls; including electrical multiplexing and CAN Bus systems is **desirable**.

### Physical Demands

These physical demands are representative of the physical requirements necessary for an employee to successfully perform the essential functions of the job.

- Heavy lifting will be involved; 80 pounds or more would not be unusual.
- Twisting, bending, reaching, and stretching are involved in successful performance of these job duties.
- Long periods of standing are required.

- Long working hours could be required.

## Work Environment

- Shop noise and dust can be expected.
- Exposure to moving mechanical parts & vehicles can be expected.
- Could involve some exposure to the elements

## Conclusion

This position is an excellent opportunity for a high energy, motivated, forward thinking individual to join the Truck & Trailer Specialties team of experienced and quality focused truck set-up specialists. The employee hired into this position will become a vital and integral member who will constantly strive for quality, efficiency, and professional truck set-ups. Truck & Trailer Specialties offers a complete line of truck bodies, winter maintenance truck build-ups, liquid chloride spray and storage systems, lift gates, bucket truck build-ups, truck mounted equipment, etc. and a reputation of honesty, quality, and professionalism.

**NOTE: This job description is not intended to be all-inclusive. Employee may perform other related duties to meet the ongoing needs of the organization. Hire is contingent upon successful results from preemployment drug test and health physical.**

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