



R&D Entry Level Fabricator

The Role:

Tesla is seeking a highly motivated and inherently talented Fabricator and Welder to assist the prototyping fabrication department. The role is designed to both benefit the fabricator with hands on experience and aid other senior fabricators in an advanced prototyping facility. Join a fast paced and rapidly growing team that works on the most advanced battery, motor, gear box, and drive inverter components. Work closely with experienced fabricators in accomplishing difficult goals on tight deadlines.

Responsibilities

- Assist the shop with general upkeep
- Aid in unloading and loading of material and project storage
- Material preparation, grinding / sanding
- Assist in material acquisition and cutting material for projects
- Weld in all positions: vertical, horizontal, flat, and overhead
- Set up welding equipment (amperage, voltage, wire speed, etc) maximizing efficiency and effectiveness per application
- Work overtime and weekends (if required)
- Record the consumption of material and supplies
- Record and track daily operations
- Maintain a clean, safe, and organized work area
- Report to, and provide feedback to senior fabricators on design and process improvement

Requirements

- High school diploma or GED
- Formal fabrication or welding training
- Minimum of 1 year of full time welding experience
- Minimum of 1 year of metal fabrication (tube bending, sheet metal, chassis work)
- Proficient with a forklift
- Proficient with hand tools (Drills, air tools, angle grinders)
- Proficient with basic machines (Shears, saws, belt sander, grinding wheel)
- Strong work ethic
- Remain humble and teachable
- Excel in a team based environment
- Meticulous attention to detail
- Highly motivated
- Positive energy and attitude

- Strong verbal communication skills
- Flexible, ability to work in a fast pace constantly changing environment with long hours and tight deadlines

Mental Attributes

- Ability to learn quickly and self-motivated
- Positive energy and attitude
- Poise when confronted with sudden setbacks or stressful situations
- Willingness to operate in a dynamic environment and team structure

Communication

- Excellent written and verbal communication skills and people skills, comfortable presenting ideas and issues to peer groups and leaders
- Escalates functional and process failures to the appropriate support groups and leaders
- Capable to develop and follow non-verbal communication (visual management: signs, work place organization, and pictures)

Physical Attributes

- Ability to perform physical work for extended periods of time
- Use of complex tooling that requires specialized training
- Wearing Personal Protective Equipment: safety glasses, vests, shoes, hard hats

Quality

- Understands and ensures adherence to required procedures and processes
- Evaluates the manufacturing processes and equipment to look for continuous improvement opportunities

Continuous Improvement

- Assist in the process design and tooling improvements – comfortable in suggesting and implementing new ideas that improve quality, reduce cost, support production work environment
- Understands that there are always new opportunities for improvement and eliminating waste