

Position Description



Electric Vehicle Mechanical Engineer (Riverside, MO)

Join and help build [Orange EV](#), a young, fast-growing manufacturer that's become an industry leader, building industrial-strength electric vehicles that are better for the earth, people and bottom line. Recognized by the Kansas City Business Journal's Biggest Impact Award, Orange EV has over a 3-year lead for the first commercially available electric truck of its type and class. Orange EV's T-Series pure-electric terminal truck (aka hostler, spotter, yard tractor, etc.) does the same job as diesels while eliminating the diesel fuel and emissions. As Orange EV grows, early team members will be favorably positioned to grow into higher levels of responsibility.

Orange EV is searching for an exceptional **Mechanical Engineer** for our Engineering Team in Riverside, MO.

Position Summary

- Create 3D models and 2D drawings in Autodesk Inventor for Electric Vehicles.
- Keep 2D drawings and 3D models current for electric vehicle parts including frames, bodies, hydraulic systems, pneumatic systems, axles, motors, batteries, controllers, fasteners, etc.
- Organize CAD models in Autodesk.
- Organize parts into BOMS (Bill of Materials) for production trucks.
- Adherence to policies and procedures (e.g. safety).

Position Qualifications

- Mechanical Engineer with 1-3 years' experience in one or more of: Hydraulics, Pneumatics, mobile structures and heavy duty truck bodies.
- 1-3 years' experience with Autodesk Inventor or Solidworks, bonus if experience in tube and cable.
- Previous experience in automotive or electrical CAD work. Expert understanding of ANSI GD&T.
- Strong mechanical aptitude with the ability to embrace new technologies and ideas.
- Superior organizational skills with strong written and verbal communications skills.
- Enthusiastic about joining and helping build a young company; willingness to "do what it takes" to support our customers.
- Key Traits: Positive can-do attitude; team oriented; leadership, initiative, maturity, dedication and punctuality.
- Education/Experience: BSME from an accredited university

Ideal Candidates May Also Have

- Experience with steering systems, air compressors, vehicle design, and repairing or building vehicles.
- Specialized training in engineering or mechanics (military or trade school).
- Understanding and experience with Inventor Server setup/specifications, and Inventor Vault Program.

Compensation & Benefits

- Full-time salary position – compensation commensurate with experience.
- Health, dental and vision insurance offered with allowance.
- 2 weeks paid vacation per year plus holidays.