

Tesla

www.tesla.com

POSITION TITLE: Facilities Commissioning Engineer

POSITION LOCATION: Sparks, NV

POSITION DESCRIPTION:

Tesla is accelerating the world's transition to sustainable energy, offering the safest, quickest electric cars on the road and integrated energy solutions.

Tesla is seeking a Commissioning Engineer to play a critical role in building the world's largest factory. The candidate will work on a fast-moving team of Engineering, Procurement, Construction, Safety, and Operations to confirm that facility systems are built, energized, and tested safely and in accordance with the design intent. Responsibilities include, but are not limited to:

- Understanding workings of electrical, mechanical, or process systems and their control strategies
- Enforcing high quality standards for engineering drawings, project documentation, and construction workmanship
- Working with Engineering and Construction teams to make provisions for commissioning and project completion in the design and construction schedules
- Leading and/or understanding facility system/subsystem definitions and commissioning strategies
- Determining and communicating system dependencies and prerequisites
- Leading teams of technicians, vendors, and engineers to start up critical equipment and systems
- Coordinating commissioning and construction activities to ensure simultaneous activities are conducted safely and cause minimal disruption to operations
- Interfacing and leading technical discussions with vendors as well as engineers, construction leads, safety professionals, and facility operators
- Quickly assessing and driving resolution of technical barriers to completion
- Managing work within a work permit structure
- Mentoring/training newcomers to the team and temporary staff augmentation
- Documenting templates, standards, and best practices for future phases and projects

QUALIFICATIONS:

- Bachelor's degree in Electrical Engineering, Mechanical Engineering, Systems Engineering, or Chemical Engineering (and/or evidence of exceptional experience)
- Between five and ten years of experience with an EPC organization or owner Project Management team designing, building, and starting up industrial projects in Oil & Gas, Chemicals, Refining, Pharmaceuticals, Semiconductors, or equivalent high tech facilities

- Ability to read, interpret, and manage/suggest changes to piping and instrumentation diagrams (P&IDs), HVAC air flow drawings, electrical one-line drawings, and control sequences and narratives
- High proficiency in Microsoft Excel for data management, tracking, and reporting of project status
- Strong character and self-motivation
- Basic understanding of plant instrumentation and control systems
- Experience and understanding of project completion tracking software
- Excellent writing and verbal communication skills
- Willingness to spend significant time in the field as needed to complete objectives or obtain the correct information
- Willingness to occasionally work odd hours to complete work scopes (i.e. during planned outages or turnarounds)
- Ability to work within a high performance, cross-functional organization with extremely tight timelines and aggressive goals

HOW TO APPLY:

Interested applicants should apply [online](#).