

Careers

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Fire Protection Engineer, Gigafactory 1

Job Category	Facilities
Location	Sparks, Nevada
Req. ID	38899
Job Type	Full-time

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Role

We are currently seeking a Fire Protection / Plumbing Engineer to design industrial fire protection and plumbing systems including: fire suppression systems, domestic cold/hot water, water treatment, sanitary drainage, sanitary vent, storm drainage, pumping, laboratory plumbing, and specialty plumbing systems. The ideal candidate shall have comprehensive experience with automatic fire suppression system design, inspections of existing sprinkler system, computer-based hydraulic calculations, fire detection, fire pump and code analysis, fire resistant construction analysis, and general fire protection and life safety concepts and research. Additional experience in the application of electric and engine driven fire pumps, cisterns, wet and dry type sprinklers, kitchen, and other chemical fire suppression systems is preferred. Professional design experience in a wide range of project types should include office, high tech/R&D, mission critical/data centers, restaurant, laboratory/life sciences, semiconductor or biotech facilities. This position will work innovatively and collaboratively with all other disciplines on site including: Mechanical, Electrical, Structural, Civil, and Architectural to create comfortable, healthy, energy efficient, sustainable, and productive spaces.

Responsibilities

- Develop & create complete set of code / life safety permit documents for various site projects
- Lead team members across multiple projects
- Develop & create fire protection reports for new production lines / materials / suppression / detection systems coming to the factory.
- Develop and submit AM&M (Alternate Means & Methods) to local AHJ to help with performance based design criteria to meet intent of code
- Code Planning / Life Safety design (Schematic design through commissioning)

- Develop process improvements / workflows / templates to increase design productivity and quality of deliverables.
- Mentor team members

Requirements

- Licensed Fire Protection Engineer (Nevada license required, or able to obtain reciprocity)
- 5-8 years of experience
- Bachelors Fire Protection Engineering or in similar related field
- Revit Experience
- Program / Project Management Experience
- Construction Administration Experience
- Ability to work cross-functionally and manage large teams
- Works well under pressure and can manage multiple priorities simultaneously
- FDS software modeling capabilities

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About Tesla

Tesla is accelerating the world's transition to sustainable energy. We design, manufacture, sell and service the world's best solar technology, energy storage systems, and electric vehicles, providing customers the opportunity to generate, store and consume energy entirely sustainably.

Tesla is committed to hiring and developing top talent from around the world for any given discipline. Based in California, Tesla's workforce spans across four continents. We work to build an inclusive environment in which all people, regardless of gender, race, religion, or background, can come to do their best work.

Our world-class teams operate with a non-conventional philosophy of inter-disciplinary collaboration. Each member of the team is expected to challenge and to be challenged, to create, and to innovate. We're tackling the world's most difficult and important problems—and we wouldn't succeed without our shared passion for making the world a better place.

Learn More About Tesla

Tesla is an Equal Opportunity / Affirmative Action employer committed to diversity in the workplace. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, age, national origin, disability, protected veteran status, gender identity or any other factor protected by applicable federal, state or local laws.

Tesla is committed to working with and providing reasonable accommodations to individuals with disabilities. If you need a reasonable accommodation because of a disability for any part of the employment process, please call [510-602-3960](tel:510-602-3960) or send an e-mail to accommodationrequest@tesla.com and let us know the nature of your request and your contact information.

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