

Job Description

About the Role & Team

Walt Disney Imagineering is the creative force that imagines, designs, and brings to life all Disney theme parks, resorts, attractions, and cruise ships worldwide. Working across a spectrum of disciplines that range from creative and conceptual to scientific and technical, Imagineers blend an innovative mixture of storytelling, art, science, and technology to create immersive experiences, memorable destinations, and innovative entertainment for families around the globe.

Nearly every project at Walt Disney Imagineering includes a first-of-its-kind. Innovation is in our DNA, and Imagineers constantly push the boundaries of technology and invent new goals as well as the solutions to achieve them. As Imagineers, one of our greatest rewards is knowing that the experiences and environments we create inspire others. The diversity of expertise at Imagineering makes us uniquely capable of influencing positive change in our communities and around the world. And knowing that we have helped make a difference is incredibly fulfilling and inspiring for all of us.

The Senior Fire Protection Engineer in the Walt Disney Imagineering Design + Planning organization provides subject matter expertise in the following areas: fire protection, life safety, building and fire codes, fire hazard and risk assessment of materials and processes, fire and smoke spread, industrial fire hazards, fire investigation support, and other fire and life safety issues. The core responsibilities will be in providing fire protection engineering support for projects to be designed and implemented by the Walt Disney Imagineering D+P Engineering Studio.

What You Will Do

- With minimal direction, responsible for engineering design, analyses, calculations and specifications for larger site/area development projects of varying complexity
- Assist with development of the fire protection engineering delivery strategy and prepare scope of work, Request for Proposal, and other procurement documents as needed
- Supervise progress of work and ensure that technical quality, interdisciplinary coordination, design schedule, and production requirements are met
- Take ownership for obtaining building department and fire department approvals when required
- Answer construction bid period questions and respond to and resolve field issues and questions
- May have Engineer of Record responsibility
- Prepare designs, reports, and analyses in support of construction contract document production
- Provide technical direction to in-house engineers and designers in the production of construction contract documents

- May lead a team of fire protection engineers and designers in the production of construction documents for site/area development projects of medium complexity through all phases of design
- Provide technical oversight and coordination with fire protection engineering consultants to whom design is outsourced for WDI projects world-wide
- Support commissioning activities during pre-test and AHJ testing phases of the project

Required Qualifications & Skills

- Professional Engineer License (P.E., passed the Principles of Engineering exam)
- Validated understanding of Building & Fire Codes and NFPA Codes & Standards, and FM Global property loss prevention data sheets.
- 7+ years of experience in the design and construction of fire protection systems and/or fire protection consulting
- Ability to travel for project support with the possibility of extended durations.
- Working knowledge of AutoCAD and Revit

Preferred Qualifications

- Specific experience with theme parks, resort hotels, and mixed-use facilities.
- Knowledgeable in OSHA compliance
- Knowledge in the use and application of computer modeling tools for fire and smoke spread and timed egress analysis
- Experience with codes and standards development, including committee involvement (e.g. NFPA, ASTM, ICC, CFR, etc.)
- Experience with fire testing and regulatory application of fire test methods to building materials

Education

- Bachelor's Degree in Fire Protection Engineering (or a related field with M.S. in FPE).

Additional Information

Benefits and Perks: Disney offers a rewards package to help you live your best life. This includes health, dental and vision benefits; retirement savings; educational opportunities and special extras that only Disney can provide. Learn more about our benefits and perks at <https://jobs.disneycareers.com/benefits>.