

## Overview

LEO A DALY is a leader in the design of the built environment dedicated to transforming the human experience through the power of design. For more than 100 years, we've created places that inspire wonder, connect communities and enable great things. Our creative teams combine planning, architecture, engineering, interiors and program management to deliver truly integrated design.

We are a diverse collection of inventive problem solvers united by a passion for great design.

We own the impact of our work, socially, economically and environmentally. In collaboration with our clients and each other, we create innovative, thoughtful and sustainable solutions to the urgent challenges that face our world.

Click [WHO WE ARE](#) to learn more about us!

## Responsibilities

This position is responsible for assisting Fire Protection Engineers and Designers in all phases of project development from pre-design to construction close-out. This position will serve as a junior-level designer for a variety of mechanical systems, such as: Fire Suppression, Alarms Systems, Life Safety, Egress, etc. This position will act as a liaison both internally and externally for Fire Protection Engineering services, by interacting with Owners, Contractors, Code Officials, and project team members including Project Managers, Project Architects, Engineers, and Designers/Technicians.

- Assist Fire Protection Engineers and Senior Designers with drawing preparation and system design including fire protection calculations (i.e., system demand, pump sizing, occupancy load, egress, smoke control, etc.), technical comparisons and similar technical work
- Stay knowledgeable of the current National Fire Protection Association (NFPA) standards including the Life Safety Code (101) and national building and fire codes (Uniform, International, etc.)
- Review drawings supplied by vendors, clients, engineers, and architects; research document findings and provide recommendations for necessary changes
- Demonstrate an understanding of stairwell pressurization mechanical systems, atrium smoke control/evacuation mechanical systems, and high-rise building smoke control design
- Provide a basic knowledge of fire/smoke detection and alarm systems, including incipient stage smoke detection and alarm systems.
- Possess basic design competency in wet pipe, dry pipe, and pre-action automatic fire sprinkler suppression systems, as well as clean agent total flooding suppression systems (FM200, FE25, Inergen, NOVEC, etc.) and fire alarm/mass notification systems
- Assist in the design and detail of fire protection systems; write/edit fire protection specifications and research design options to make educated decisions on appropriate device, equipment, and system selections
- Conduct QA/QC on work of other Fire Protection EIT's and Technicians

- Participate in team coordination meetings and reviews with Project Design Team and various governing agencies at the city, state and federal levels to ensure code compliance
- Perform other duties as assigned or instructed

## **Qualifications**

- Associate degree in Engineering Drafting or similar field from an accredited Technical College or University
- Ability to communicate effectively and tactfully with department personnel, internal office staff, and clientele
- Strong knowledge of applicable Fire Protection and building codes at the local, state, and federal levels
- Effective time management and organizational skills; ability to become involved in fire protection work on multiple projects simultaneously while managing daily activities
- Well-developed analytical and problem-solving skills
- Knowledge of capabilities of AutoCAD, Revit, smoke and egress modeling software
- Thorough working knowledge of Microsoft Office applications; Word, Excel, Outlook

## **Preferred Qualifications**

- Bachelor's Degree from an accredited college or university in Fire Protection Engineering
- 1+ years of experience in the field of fire protection systems engineering and design while working under the supervision of Project Engineers and Designers within the A&E industry
- EIT Certification or ability to take the Fundamentals of Engineering exam within 12 months of employment

## **Why join LEO A DALY?**

At LEO A DALY, you will become part of a collaborative design culture and do work that matters. As an integrated design practice, we believe that a diversity of perspectives generates better solutions. We trust and support each other, ask hard questions and solve complex problems. Guided by a spirit of inquiry, we design for people at every scale, creating spaces that elevate individuals, their communities, and the institutions that serve them. Join LEO A DALY - help us transform the world.

## **EEO Information**

LEO A DALY Company is an Equal Opportunity Employer and gives consideration for employment to qualified applicants for employment without regard to race, color, religion, age, sex, sexual orientation, gender identity, national origin, disability or protected veteran status. LEO A DALY Company, is committed to ensuring equal employment opportunities, including providing reasonable accommodations to individuals with a disability. Applicants with a physical or mental disability who require a reasonable accommodation for any part of the application or hiring process may contact the Human Resources Department by phone at 469-357-4232 or by email at

Recruiting@LEOADALY.com . For more information about your rights under the law, see [EEO is the law](#).