



PERSONNEL QUALIFICATIONS

Tyler Dallas | Associate III



EXPERIENCE

Tyler Dallas joined WJE in 2021 and has contributed to projects involving loss investigations, fire protection systems design and analysis, performance-based designs, litigation support, egress modeling, building and fire code analysis, and third-party code administration. Mr. Dallas provides a unique perspective on fire protection engineering through his experience as a volunteer firefighter and working with a fire marshal.

REPRESENTATIVE PROJECTS

Loss Investigation and Litigation Support

- Residential Building - Lawrence, NY: Fire insurance claim investigation, loss assessment, and building code analysis
- Eagle Island View Condominiums - Prairie du Sac, WI: Fire sprinkler leakage loss investigation and fire code analysis
- Warehouse Building - IN: Fire loss investigation
- Sleep Inn - Wisconsin Rapids, WI: Fire sprinkler leakage loss investigation and fire code analysis
- 1221 Fulton Mall - Fresno, CA: Domestic water leakage investigation, fire resistance-rated construction analysis, and building code analysis
- Warehouse Building - IL: Fire loss investigation

Fire Protection Systems Design and Analysis

- Grove Terrace Condominiums - Buffalo Grove, IL: Fire alarm system evaluation, code analysis, and upgrade design
- 1630 Sheridan Building - Wilmette, IL: Fire alarm system replacement design
- 1500 Sheridan Building - Wilmette, IL: Fire alarm system replacement design

Fire, Life Safety, and Egress Assessments

- Eagleton - St. Louis, MO: Fire separation assessment through penetration fire barrier analysis
- Illinois State University, Watterson Towers - Normal: Fire separation assessment through penetration fire barrier analysis
- The Lofts at University of South Carolina - Columbia: Fire separation analysis and fire sprinkler system assessment
- University of Chicago - IL: Fire protection and life safety systems assessment; building code analysis
- Advocate Masonic Center for Advanced Care - Chicago, IL: Building code analysis and life safety code analysis
- Four Winds Casino - South Bend, IN: Comprehensive third-party code administration during design and construction period
- The Shops at North Bridge - Chicago, IL: Fire protection and life safety systems assessment and building code analysis
- PAC Lofts - Chicago, IL: Fire separation analysis and building code analysis

Egress Modeling and Analysis

- High-Rise Building - Chicago, IL: Egress modeling and analysis of proposed occupant load increase on assembly level of high-rise building

Performance-Based Design

- Project Lion - FL: Alternative fire resistance-rated construction analysis

EDUCATION

- Oklahoma State University
 - Bachelor of Science, Fire Protection and Safety Engineering Technology, 2020

PRACTICE AREAS

- Fire Protection Engineering
- Loss Investigation and Litigation Support
- Fire Protection Systems Design and Analysis
- Fire, Life Safety, and Egress Assessments
- Building Code, Fire Code, and NFPA Codes and Standards Consulting
- Egress Modeling and Analysis
- Performance-Based Design

REGISTRATIONS

- IFC Certified Firestop Inspector - Premier

PROFESSIONAL AFFILIATIONS

- National Fire Protection Association
- Society of Fire Protection Engineers

CONTACT

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