Education

MEng, Fire Protection Engineering, University of Maryland, MD 2005
BS, Mechanical Engineering, Villanova University, PA 1993

Registrations

Registered Fire Protection Engineer: Arizona, California, Guam, Nevada, Washington
Registered Mechanical Engineer: Alaska, California, Hawaii, New York, Oregon, Washington, Wyoming
Registered Professional Engineer: Colorado, New York, Texas, Utah, Virginia

Employment History

2014 - Present, The Fire Consultants, Walnut Creek, CA
2011-2014, AECOM, San Francisco, CA
2005-2011, Rolf Jensen & Associates, Walnut Creek, CA

Associations

Society of Fire Protection Engineer (SFPE)

National Fire Protection Association (NFPA)

Contact

+1 925.435.0141
jstauder@thefireconsultants.com

JOHN R. STAUDER PE

ROLE: PRINCIPAL

Experience – 22 years

Bio

John R. Stauder is a Principal and Senior Consulting Engineer with The Fire Consultants, Inc. and is registered as both mechanical and fire protection engineer with over 22 years of experience providing fire protection, building code consulting, and fire protection system designs and evaluations.

John has worked with architects, developers, engineers, owners, and authorities having jurisdiction on the application of the model and state codes to design projects including mixed-use high-rise residential and office buildings, retail, low-rise residential podium projects, distilleries, airport terminal buildings, hotels, atria, aircraft hangars, military projects, and various other project types. He is experienced with the design of fire protection systems, including automatic sprinkler and standpipe, fire detection and alarm, fire pumps, special hazard systems and smoke control systems. John has performed code studies and has developed fire protection and life safety designs that have included the identification of alternate approaches to achieve a comparable level of protection as required by the applicable codes. These alternate approaches have also included the use of timed egress analyses, smoke filling and smoke spread calculations and assessments, structural fire resistance calculations, and zone, network flow, and computation fluid dynamics (CFD) computer modeling to evaluate the fire protection and life safety features in buildings.

Project Highlights

MULTI-FAMILY RESIDENTIAL, DALY CITY, CA

Project Principal. Providing fire and life safety code consulting services for this new mixed-use residential project.

COMMERCIAL HIGH-RISE, SAN FRANCISCO, CA

Project Manager. Providing fire protection consulting services for the replacement of the fire alarm system in this existing commercial high-rise project.

COMMERCIAL HIGH-RISE, OAKLAND, CA

Project Manager. Providing fire protection consulting services for the replacement of the existing fire pump in this existing commercial high-rise project.

COMMERCIAL HIGH-RISE, SAN FRANCISCO, CA

Project Manager. Providing fire protection consulting services for tenant improvement project adding amenity spaces and vertical openings between floors in existing building.

Litigation Cases:

1. AOUO of 988 Halekauwila vs. Howard Hughes Corp et al.

State of Hawaii Civil No 1CCV-20-0000335 [Consolidated with 1CCV-20-0000342 & 1CCV-22-0000987]

Law Firm: Chee, Markham & Kato, Honolulu, HI.

2. Cal-West Fire Protection Specialist, Inc. vs. VCC LLC et al.

JAMS Mediation, Irvine California

Law Firm: Baron Law Group

3. Law Firm: Sawyer & Labar

4. Lowder v Chicago Title

Law Firm: Atkinson, Anderson, Loya, Ruud & Romo