



ZACHARY M. MOORE, P.E., DFE, CXLT



Forensic Engineer

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EDUCATION

BSME Bachelor of Science in Mechanical Engineering
Loyola Marymount University, 2004

PROFESSIONAL LICENSES

PE Licensed Mechanical Engineer
California License No.: M-35779

DFE Board Certified Diplomate in Forensic Engineering
National Academy of Forensic Engineers Member: 1135M

CXLT Certified XL Tribometrist
Certificate No.: 197

CORPORATE MEMBERSHIPS

- American Council of Engineering Companies (ACEC)
- American National Standards Institute (ANSI)
- International Code Council (ICC)
- National Glass Association (NGA)
- National Safety Council (NSC)

INDIVIDUAL MEMBERSHIPS

- American Society of Mechanical Engineers (ASME)
- American Society for Testing & Materials (ASTM)
 - F08 Sports Equipment and Facilities
 - F13 Pedestrian/Walkway Safety and Footwear
 - F14 Fences
 - F15 Consumer Products
 - F24 Amusement Rides and Devices
- California Association of Accident Reconstruction Specialists (CA2RS)
- Human Factors and Ergonomics Society (HFES)
 - Forensics Professional Technical Group
 - Safety Technical Group
- National Academy of Forensic Engineers (NAFE)
- National Recreation and Parks Association (NRPA)
- National Society of Professional Engineers (NSPE)
- Society of Automotive Engineers (SAE)

PRINCIPAL AREAS OF EXPERTISE & EXPERT TESTIMONY

Personal Injury
Premises Liability
Product Defects

Accident Reconstruction
Slips, Trips and Falls
Falls from Height (Windows)

Safety Engineering
Mechanical Engineering
Building and Safety Codes



WORK EXPERIENCE

Since 2004, Mr. Moore has forensically investigated and testified in a number of litigation cases in the State of California that cover a wide variety of topics including Premises Liability, Slips, Trips & Falls, Product Defects, Safety and Mechanical Engineering and Vehicle Accident Reconstruction. Relative to these assignments, his duties have included: inspections of incident sites and production of associated photographs, video, diagrams, and animations; research of building codes and industry standards; reconstruction of vehicle accidents, including calculations and animations; development of technical reports, declarations, and expert opinions in preparation for expert depositions and trial.

In 2006, Mr. Moore successfully obtained a certification for the operation and testing of the English XL Variable Incidence Tribometer and has conducted slip resistance testing on numerous floor surfaces and flooring types. In 2011, Mr. Moore became duly licensed as a Professional Engineer in Mechanical Engineering by the State of California Board for Professional Engineers, Land Surveyors and Geologists. In 2020, Mr. Moore successfully acquired the designation of a Board Certified Diplomate in Forensic Engineering (DFE) under the requisites accredited by the Council on Engineering & Scientific Specialty Boards (CESB).

In 2013, Mr. Moore opened the Northern California office in the San Francisco Bay Area, a branch office serving Northern and Central California. Mr. Moore is the Principal Manager of the Northern California office and supervises all operations throughout Northern and Central California. Mr. Moore also works directly with licensed Architects, Civil Engineers, Safety Engineers and General Contractors.

APERTURE 2024 FEE SCHEDULE

Designated Expert Hourly Rate

Zachary M. Moore, P.E., DFE, CXLT

- Consulting Fee \$ 450/hour
- Testimony Fee \$ 550/hour

** Testimony (2 hour minimum) **Rates subject to change due to multi-year involvement in cases.

*Aperture reserves the right to adjust pricing without notice

1/2024