

Institute of Risk & Safety Analyses

5324 Canoga Avenue
Woodland Hills, CA 91364
established 1974
TEL: (818) 348-1133
TEL: (800) 429-9938
FAX: (818) 348-4484



Laboratory of Risk & Safety Analyses

(Address all mail to: 5324 Canoga Avenue)
5120 Canoga Avenue
Woodland Hills, CA 91364
established 1995
TEL: (818) 226-9974
FAX: (818) 226-9979

JAIME GARCIA FULGENCIO, B.S. SENIOR FORENSIC SCIENTIST

ACADEMIC CREDENTIALS

B.S. Mechanical Engineering, California State University, Los Angeles, 2018

CERTIFICATES

Certificate Crash Data Retrieval (CDR) Technician Level I Course, 2019

Certificate Certified XL Tribometrist (CXLT), 2019

ACCIDENT RECONSTRUCTION, PREMISES LIABILITY & COMPUTER DRAFTING

Mr. Garcia earned his Bachelor of Science in Mechanical Engineering from California State University, Los Angeles. The acquisition of such a degree required the study of physics, strength of materials, static and dynamic systems, kinematics, thermodynamics, and computer-aided analysis. Mr. Garcia applies his knowledge of mechanical engineering in the field of accident reconstruction to aid in the analysis of transportation accidents and premises liability issues.

Mr. Garcia also applies principles of physics and mathematics to analyze and reconstruct accidents. For transportation accidents, he uses analysis and problem-solving skills refined in his undergraduate years to investigate and determine information vital to accident reconstruction (such as the angle of impact, crush depths, change in velocity, G-forces, speed of the vehicles involved, and the acceleration and forces experienced as a result of a collision). For premises liability, Mr. Garcia uses his knowledge of Building Codes, Municipal Codes, ASTM, and ANSI standards to determine liability.

Mr. Garcia employs the discipline of accident reconstruction to analyze safety in walkway designs, industry practices, and procedures. His forensic investigations have included the following types of accidents: automobile vs. automobile; slip and fall; trip and fall; falls on stairs, and premises liability.