



Curriculum Vitae of

JED B. LARSEN, M.E., P.E.

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SYNOPSIS

Mr. Larsen has performed over one thousand professional evaluations of commercial and residential structures and construction sites. Mr. Larsen's experience includes analysis of structures or components that have sustained damage from perils including corrosion, deterioration, earthquake, explosions/vibrations, fire, snow/ice, expansive soil, subgrade settlement, plumbing leaks, mudslides, sinkholes, flooding, tornadoes/hurricanes, and tree/vehicular impacts. Mr. Larsen has provided testimony regarding the application and analysis of building code standards and has authored a publication on the adequacy of design roof loads, which was reviewed by the Standards Committee for adoption in the American Society of Civil Engineer's Minimum Design Loads for Buildings and Other Structures (ASCE 7 Standard). Mr. Larsen has performed research and testing on various roofing components and materials to emulate wind and hail effects. Mr. Larsen is an expert in evaluating vandalism to roofing caused by apparent attempts to mimic storm damage. An area of particular emphasis throughout Mr. Larsen's career has been his focus on determining the cause of water intrusion through building envelopes using nondestructive testing. Mr. Larsen is a certified Master Thermographer in compliance with the American Society for Nondestructive Testing (ASNT) and has taught seminars and provided testimony regarding the principals of infrared technology. Mr. Larsen is a specialist in investigating wall and roof assemblies for trapped moisture and/or construction deficiencies using infrared and electrical impedance.

EDUCATION

Utah State University	
M.Eng. Civil and Environmental Engineering <i>Structural Emphasis</i>	2010
B.S. Civil and Environmental Engineering	2009

REGISTRATION

Registered Professional Engineer in the States of Arizona, Arkansas, California, Colorado, Florida, Idaho, Kansas, Louisiana, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming

Certified Level III Master Thermographer

EXPERIENCE

Palmer Engineering and Forensics, LLC, North Salt Lake, Utah
Senior Engineer 2024 – Pres

Nelson Forensics, LLC, Draper, Utah
Technical Director 2010 – 2024

EXPERT TESTIMONY

Mr. Larsen has provided expert testimony in various jurisdictions across the country regarding property damage disputes. He has been qualified as an expert witness and has testified in depositions and arbitration.

PROFESSIONAL AFFILIATIONS

Member of the American Sociate of Civil Engineers (ASCE)

Registered with the National Council of Examiners for Engineering and Surveying (NCEES)

Member of the California Emergency Management Agency's (CalEMA) Safety Assessment Program (SAP)