

Curriculum Vitae

NATHAN H. MORRILL, P.E., CSP

MECHANICAL ENGINEERING EXPERT

Nathan H. Morrill is a Mechanical Engineer, a registered Professional Engineer, and a Certified Safety Professional. As the Engineering Project Manager at Alpine Engineering and Design, Inc. Mr. Morrill has participated in new product development, design optimization, stress analysis, motion analysis, safety, and expert witness work.

EDUCATION

- Bachelors of Science, University of Utah, Mechanical Engineering (2004)
- Associates of Science, Pre-Engineering, Utah Valley State College (2001)

REGISTRATIONS AND CERTIFICATIONS

- Professional Structural Engineer (P.E.) licensed in Utah, # 5567105-2203
- Mechanical Professional Engineer (P.E.) licensed in Florida, # 72189
- Mechanical Professional Engineer (P.E.) licensed in Texas, # 120869
- Certified Safety Professional (CSP) from the Board of Certified Safety Professionals, CSP-30841
- Certified Lift Truck Operator
- Certified Lift Truck Operator Trainer

WORK EXPERIENCE

In 2000 Mr. Morrill began working for Alpine Engineering and Design, Inc. Mr. Morrill assisted in the design, analysis, and testing of man lifts, refuse equipment, yard care equipment, exercise equipment, and trailers during his time as an Intern.

After his graduation, Mr. Morrill continued began to work for Alpine, and was entrusted with his own clients and projects. These projects include work on refuse equipment, specialty trailers, liftgates, man lifts, exercise equipment, cranes, container covers, end dumps, belly dumps, side dumps, mobile hydraulically operated equipment, industrial plant equipment, safety equipment, machine guarding, high thrill rides, and zip lines.

Through his employment Mr. Morrill has gained experience in many areas of project design. These include concept generation, reverse engineering, stress analysis, finite element analysis, prototyping, modeling, manufacturing, and assisting in the patenting process.

INTELLECTUAL PROPERTIES

During his time at Alpine Engineering and Design, Inc. Mr. Morrill has become familiar with intellectual property protection. This includes trade secrets, trade dress, and patents. As part of the product development process, he has performed patent searches, both for informational purposes and to lessen the likelihood that new developments would infringe other intellectual property. Mr. Morrill has nine issued patents with multiple patents pending.