



Anthony E. Bond P.E.

Principal Engineer

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Primary Areas of Consulting

- **Mechanical and Structural Failures of Aerial Devices**

Aerial Lift Trucks (Man Lifts) - Insulated/Non-Insulated

Self Propelled Articulating Lifts

Scissor / Personal Portable Lifts

- **Mechanical and Structural Failures of Construction Equipment**

All Terrain and Rough Terrain Cranes

Maritime, Overhead, Tower Cranes

Telescopic and Lattice Truck / Crawler Cranes

Concrete Boom Pumps, Rough Terrain Forklifts, Excavators

Material Hoist (Construction Elevators)

- **Control Systems for Aerial Devices, Cranes, and Construction Equipment**

Hydraulic, Electric / Hydraulic, Radio Remote, Fiber Optic

Operator Aids (Load Moment Indicator, A2B)

- **Design Experience**

14 years of design experience within the mobile, hydraulic equipment industry

Product design and R&D testing of prototype models

Designed structural components, hydraulic cylinders, hydraulic/electrical control systems

- **Code Interpretation and Standards Compliance**

- **Expert Witness**

Anthony Bond is Haag's Aerial Device Expert. [Click here for more details.](#)

Licensed Professional Engineer in the States of: Alabama, Arizona, Arkansas, Colorado, District of Columbia, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, South Carolina, Tennessee, Texas and Wisconsin.

Memberships

- American Institute of Steel Construction (AISC)
- American Society of Mechanical Engineers (ASME)
- National Society of Professional Engineers (NSPE), Society of Automotive Engineers (SAE)

- Scaffold Industry Association (SIA)
 - ANSI/SIA A92.20 Design of Aerial Devices
 - ANSI/SIA A92.22 Safe Use Aerial Devices
 - ANSI/SIA A92.24 Training to Operate, Inspect, and Maintain Aerial Devices

College Education

Bachelor of Science in Mechanical Engineering
University of Nebraska at Lincoln, 1993

Testimony history available upon request.

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