

William D. Powers
Crane Safety Consultant
Augspurger Komm Engineering, Inc.
& BTI Consultants
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EDUCATION

Coronado High School, Phoenix, Arizona

Phoenix College, Phoenix, Arizona

Factory schools for learning about the operation, maintenance and safety requirements. Included information on ANSI, Federal OSHA and other safety regulations. The Factory Schools included:

International Harvester Corporation, El Monte, California

American LaFrance Factory, El Mira, New York

High Ranger, Salt Lake City, Utah

Schwing America Concrete Pumpers, Phoenix, Arizona

Link Belt Crane Training (attended and taught), Phoenix, Arizona

Kraut, Kramer, Branson - ultra sonic school - national certification achieved by examination

Crane Inspection Certification Bureau - certified crane inspector by competition of examination

EXPERIENCE

1991-Present W.D. Powers, 2738 Cactus, Phoenix, Arizona 85032

Owner and Crane Safety Consultant. Safety consulting services are provided for crane owners, crane rental companies, construction companies, government agencies and construction associations. The services include consultation and training for safe craning and rigging operations; assisting companies with the selection of cranes for their construction operations; preplanning of lifts to be made by cranes; safety training for crane operators and support crews; accident investigation and expert witness testimony.

Crane training programs for companies include classroom sessions on the safety requirements of the crane manufacturer, Federal OSHA, ANSI and other applicable safety regulating groups. After the classroom training, the students are then provided the opportunity to set up and operate a crane. The students receive both classroom and "in the seat" training.

1995-Present Augspurger Komm Engineering, Inc. & BTI Consultants, Phoenix, AZ

Crane Safety & Operating Practices - Consultation and training for safe craning and rigging operations; assisting companies with the selection of cranes for their construction operations; preplanning of lifts to be made by cranes; safety training for crane operators and support crews; accident investigation and expert witness testimony.

EXPERIENCE(Continued)

- 1982-1991 Marco Crane & Rigging Company, Phoenix, Arizona
Employed as the Corporate Safety Director for Marco Crane & Rigging's hourly crane rental operations, bare lease contracts and concrete pumping trucks in Marco's Arizona and California offices.
Provided safety instructions for Marco Crane & Rigging's employees. Performed accident investigation for construction site and highway related accidents involving Marco's equipment and personnel.
Provided contract safety training courses for Marco Crane & Rigging's customers and for companies who wanted additional training.
Marco Crane & Rigging was the factory authorized dealer for Lorain Cranes, Link Belt Cranes, Grove Cranes, American Cranes, Northwest Cranes, Badger Cranes, Broderson Cranes, JLG Cranes and Schwing Concrete Pumpers. I worked with the factory representatives on safety issues and maintenance programs for the cranes and equipment.
I created Technology Testing, a new division for Marco Crane Rigging. The company is involved with the inspection and testing of cranes and equipment in Arizona and New Mexico areas. Technology Testing performs inspections on cranes and issues crane certifications to meet the standards of the Federal Occupational Safety 7 Health Act, American National Standards Institute and the crane manufacturer. Proof load testing is performed on the cranes under the observation of Technology Testing.
Inspections for safety are also performed on bucket trucks, fire apparatus and aerial lift platforms.
- 1976-1982 Diversified Inspections, Inc., Phoenix, Arizona
Responsible for testing cranes, fire truck platforms, aerial ladders and electric utility boom equipment for conformance with ANSI and Federal OSHA standards. To perform the inspections and certifications, nondestructive testing using magnaflux, x-rays, ultrasonic, and dielectric tests was utilized.
Attained qualification as a Certified Inspector under the U.S. Cargo & Gear Act (29 CFR 1910).
By examination, became a qualified crane certifier. Test was administered by the Crane Inspection Certification Bureau.
- 1975-1976 Mesa Fire Department, Mesa, Arizona
Mechanic for the Mesa Fire Department. Responsible for maintenance, repair and inspections of fire truck pumpers, ladder trucks and aerial platforms.
The equipment was maintained to meet the safety and operational requirements of the equipment manufacturer, NFPA 19 standards, ANSI and Federal OSHA.

EXPERIENCE(Continued)

- 1966-1975 City of Phoenix, Phoenix, Arizona
Mechanic for the City of Phoenix. I was a heavy equipment mechanic for the fire department and was responsible for maintenance, repairs and inspections for all fire trucks, pumpers, ladder trucks and aerial platforms.
Appointed to the City of Phoenix Division Safety Committee for eight years. Was an active member in the California Fire Chiefs & Mechanics Association on behalf of the City of Phoenix Fire Department.
- 1963-1966 Western Frontier Machinery Company, Phoenix, Arizona
Apprentice mechanic. Worked for Western Frontier Machinery Company which sold and serviced Lima cranes, Clark Equipment cranes, Austin Western cranes, Pitman boom trucks; Michigan loaders, dozers, graders and scrapers.

PROFESSIONAL ACTIVITIES

- 1975-1976 Taught Introduction to Fire Apparatus at Mesa Community College
Guest Speaker at:
National Safety Council Annual Convention in Las Vegas, Nevada
Mine Safety Council of Minnesota Seminar
Southwest Safety Council, Phoenix, Arizona
American Society of Safety Engineers Professional Development Conference, San Diego, California
Construction Safety Practices course at San Diego State University, San Diego, California
Construction Safety Management course at University of California, San Diego, California
Associated General Contractors of San Diego Safety Committee meeting, San Diego, California
American Contractors Insurance Group (ARTEX), Phoenix, Arizona

CRANE SAFETY TRAINING CLIENTS

The following is a partial list of companies I have provided contract safety training classes for.

Allied Signal
Phelps Dodge Mining Corporation
Cyprus Mines
Morrison Knudson Mining Division
Solar Turbines
Cal Mat of California
Ashton Construction Company
Dielco Crane & Rigging

CRANE SAFETY TRAINING CLIENTS (Continued)

Los Angeles County Sanitation District
San Diego County Water Authority
Linde Oxygen, a Division of Union Carbide
Provided contract crane safety instructional services for Diversified Inspections.