William L. Dunlop

Registered Professional Safety Engineer

Construction Safety and Forensic Engineering Services

17851 Comstock Road, Wayzata, MN. 55391

Phone 952-935-0235

Website: www.williamdunlop.com

Email: bill@williamdunlop.com

Credentials

Registered Professional Safety Engineer, P. E. California Safety #401

National Certification: NAFE Certified Diplomate of Forensic Engineering by Council of Engineering Specialty BoardS

Bachelor of Science in Engineering; 1966 North Dakota State University

Memberships

National Society of Professional Engineers-NSPE; Professional Member

National Academy of Forensic Engineers-NAFE; Fellow, Charter Member 058

American Society of Safety Engineers-ASSE; Professional Member

Professional Experience

1981-Present *Self-employed Safety Engineer*. Providing safety engineering consultation to law firms, insurance companies, construction companies and the federal government. Approximately 75% of my work involves construction job site accidents. Typical construction cases include (in part):

- Falls from ladders, scaffolds, floor openings, open sided floors, roofs, structural steel, etc.
- Excavation or trench collapse; i.e. shoring or sloping problems
- Rigging and material handling problems
- Crane operations, including tip over and power line contact
- Heavy equipment operations
- Steel erection

Services provided include:

- Accident causation
- Application of appropriate standards and industry practices
- Determining responsibilities of various parties; i.e. owner, construction manager, general contractor, subcontractor, etc.
- Safety research

Cases other than construction are mostly fall accidents related to alleged premises liability including stairway geometry or guard rails.

1974-1981 *Chief Safety Engineer; S. J. Groves & Sons Co., Minneapolis, MN.* Managed corporate safety program for this large construction company which, during my employment, had nine area offices across the United States with 60-80 major construction projects. Approximately 25% time was on the job inspections and consultations monitoring compliance with company safety programs. Other duties included program development and coordinating safety activities with corporate, area and job personnel.

1971-1974 *Compliance Officer and Regional Technical Specialist for Construction; US Department of Labor, Occupational Safety and Health Administration; Minneapolis, MN, area office, Region 5 office Chicago, IL.* Duties as compliance officer were primarily to inspect construction work places for compliance with OSHA rules and regulations. Duties as regional technical specialist for construction included consultation with the Department of Labor attorneys regarding contested actions. Provided expert testimony for OSHA.

1970-1971 *Field Engineer/Safety Engineer, Chicago Bridge and Iron Co.; Bay City and Ludington, Michigan.*

1967-1970 *Safety Engineer, Liberty Mutual Insurance Company; Chicago, Illinois* Provided safety inspections and consultation for construction companies working in the Chicago area.