



Curriculum Vitae

Accident Prevention &
Investigation, Inc.

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Kenneth J. Shorter, MS, CSP, ARM, TCDS Certified Safety Professional

Education

- 2010 American Society of Safety Professionals - Executive Program in Safety Management
- 1982 University of Southern California (USC) - Master of Science (MS) in Safety
- 1978 University of Maryland (UMBC) - B.A. in Psychology and Sociology
Other studies: Firefighting and rescue
- 1976 Community College of Baltimore - Paramedic training

My education and professional designations are continuously updated through professional development conferences, training classes, hands-on work experience, and interaction with fellow experts at the national level producing American National Standards for construction and demolition safety.

Professional Designations

- 1988 Certified Safety Professional (CSP) # 8859 - Board of Certified Safety Professionals
- 1998 Associate in Risk Management (ARM) - Insurance Institute of America
- 2011 Certified Traffic Control Design Specialist (TCDS) # 38989
American Traffic Safety Services Association (ATSSA)

Professional Affiliations

American National Standards Institute (ANSI)

Since 2010, I have served as the national representative of American Society of Safety Professionals on the ANSI A10 Committee for Safety in Construction and Demolition Operations. This committee is responsible for producing, updating, and approving 40+ American National Standards for construction, demolition, and public safety.

American Society of Safety Professionals (previously the American Society of Safety Engineers)

Member since 1983. Recognized as a Professional Member since 1988

Member of the Management, Risk Management, Construction, and Consultants Divisions

National representative to the ANSI A10 Committee for Safety in Construction and Demolition Operations
Award winning Past-President of the Chesapeake Chapter - Baltimore, Maryland
Served as a Regional Operating Committee member covering SC, NC, VA, DC, and MD
Provided presentations at conferences on fall protection and electrical safety issues

Chesapeake Region Safety Council

Served on the Board of Directors and the Planning Committees for the Construction and Utilities Division and the Annual Maryland Safety Conference
Provided presentations at conferences on excavation and electrical safety issues

Woodlawn Volunteer Fire Department

Firefighter, emergency vehicle operator, and emergency medical services provider 1972-81

Professional Experience

I have managed safety for regional, national, and international organizations for more than thirty years in the fields of construction, demolition, general industry, vehicle fleet, marine construction, and protection of the public near these operations.

2002-Present President of Accident Prevention & Investigation, Inc.

This professional organization provides accident investigation, expert testimony, safety consulting, risk management evaluation, and training services. The main focus has been on construction, demolition, and industrial accidents involving high-risk operations that are an integral part of these industries (fall protection, cranes, rigging, steel erection, trenching, heavy equipment, scaffolds, shoring, confined space entry, LO/TO, traffic control, backed over, etc.).

2014-Present Senior Safety Consultant for McDonough, Bolyard, Peck (MBP)

MBP is an international construction management and consulting company. I provide safety management, program development and implementation, training, and consulting services at the corporate level for heavy, highway, building, marine, bridge, sewage treatment plant, and tunnel construction and demolition projects. My focus is on fall protection, traffic control, run over, backed over, excavation, confined space entry, LO/TO, and other high-risk issues.

2012-2013 Corporate Safety Manager/Consultant for Rummel, Klepper & Kahl, LLC

RK&K is a multi-state construction management, engineering, and inspection company. I provided safety management, program development and implementation, training and consulting services for heavy, highway, marine, bridge, tunnel and rapid transit system construction and demolition projects.

2008-2012 Safety Manager/Consultant for McDonough, Bolyard, Peck (MBP)

MBP is an international construction management and consulting company. I managed and directed safety for the Navy's \$1.5 billion National Military Medical Center construction and demolition projects. This routinely involved review and approval of operational safety plans for critical crane lifts, rigging, steel erection, pre-cast concrete erection, fall protection, trenching,

temporary traffic control, demolition, and other high-risk operations. Other duties included accident investigations, leading Navy Mishap Review Board meetings, and advising the project management team and top naval facility officers. My responsibilities then expanded to cover other heavy, highway, building, marine, bridge and tunnel construction and demolition projects, where I provided safety management, program development and implementation, training and consulting services.

2003-2008 Safety Manager for Total Site Solutions

I managed and directed safety for this multi-state group of companies involved in engineering, design, construction management, site development, construction, demolition and maintenance of computer data centers, buildings and building support systems (communication, heating/ventilation/air conditioning, electric, plumbing, welding, metal fabrication, and security). I was responsible for safety program development and implementation, training, accident investigation, fleet safety, and security.

2001-2003 Area Safety Manager for Kiewit Construction Company

Kiewit is an international construction, demolition and mining company. I provided safety management, program development and implementation, accident investigation, traffic control, security, fleet, and training services for highway, rapid transit system, bridge, marine, airport, and off-shore oil processing platform projects. Demolishing and reconstructing the Blue Line of Chicago's elevated rapid transit system was a key project involving prefabrication and massive crane lifts.

1988-2001 Safety/Risk Manager for Cherry Hill Construction, Inc.

I managed and directed the Safety/Risk Management Department for this Mid-Atlantic area contractor. My responsibilities included program development and implementation, training, accident investigation, traffic control, security, fleet, emergency services, and claims management. Projects included highways, rapid transit systems, bridges, landfills, buildings, earthmoving, airports, hazardous materials sites, underground utility systems, paving, and extensive demolition. I was relied upon to evaluate and train crane operators and developed a manual of lifting capabilities for our fleet of cranes, boom trucks, forklifts, excavators, and other lifting machines. I produced a similar manual of depth capacities for our trench boxes, manhole boxes, hydraulic shields, hydraulic shoring, timber shoring, sheeting systems, and other ground stabilization materials, as well as allowable methods to slope and bench various types of ground. I developed and managed the trenching, utility damage prevention, confined space entry, and pressure testing safety programs used by our underground utility installation crews.

1980-1988 District Safety Manager for Kiewit Construction Company

I managed safety for numerous, multi-million dollar, heavy construction and demolition projects throughout the eastern United States. My responsibilities included safety program development and implementation, training, accident investigation, traffic control, security, emergency services, and loss control. Projects included highways, bridges, rapid transit systems, airports, dams, marine projects, tunnels, hydroelectric plants, pile driving, and mass excavation at the Tennessee/Tombigbee waterway.

1980 Project Safety Engineer for Ohio Valley Construction, Inc.
I provided safety, training, loss control, security, and emergency medical services for the excavation and construction of Baltimore's subway tunnel system entrance.

1978-1980 Safety Engineer for Fruin-Colnon Corporation
I provided safety, industrial hygiene, emergency medical, and security services on pressurized subway tunnel and vent shaft projects in Baltimore and Atlanta.

Published Articles

6/2012 Published an article in *Professional Safety, Journal of the American Society of Safety Engineers*, describing my experiences on the American National Standards Institute (ANSI) A10 Accredited Standards Committee on Safety in Construction and Demolition Operations

Safety Program Development and Training

I produced, reviewed, and approved operational safety programs for fall protection, cranes, rigging, steel erection, pre-cast concrete erection, excavation, trenching, shoring, scaffolds, confined space entry, lockout/tag out (LO/TO), electrical safety, exposure to traffic, traffic control, protection of underground utility systems, fleet safety, demolition, and other high-risk operations. Based on these programs, I provided safety training presentations for organizations, such as, the Chesapeake Region Safety Council, American Society of Safety Professionals, and private companies.

Awards

2010 McDonough, Bolyard, Peck - Columbia Branch Team Member of the Year

2009 Received an award recognizing "Excellence in Safety Management" from the Clark/Balfour Beatty construction team on the \$1.5 billion Walter Reed National Military Medical Center BRAC project.

2005 Total Site Solutions - Core Value Award for Integrity

1999 American Society of Safety Professionals' "Chapter Achievement Award" for outstanding performance of the Chesapeake Chapter, while President