



**MATTHEW J. BURKART, P.E.**

**ACADEMIC BACKGROUND:**

*Graduate Civil-Structural Engineer, BSCE  
Missouri School of Mines and Metallurgy, Rolla, MO.  
Masters Degree, Safety Science,  
Indiana University of Pennsylvania, Indiana, PA  
Registered Structural Engineer, State of Pennsylvania  
Registered Land Surveyor, State of Pennsylvania*

**PROFESSIONAL MEMBERSHIP:**

*Member, National Society of Professional Engineers  
Member, American Society of Civil Engineers  
Member, ASCE Committee on Construction Safety  
Drafted ASCE Policy Statement on Construction Site Safety  
Member, Implementation Team for OSHA Alliance and CI  
Current Chair, Construction Institute Committee for Construction Site Safety  
Member, ASCE Task Committee on Crane Safety  
Drafted ASCE Policy Statement on Crane Safety  
Co-Author, ASCE Publication, "Crane Safety on Construction Sites"  
Member, American Concrete Institute  
Professional Member, American Society of Safety Engineers  
Member, ANSI A10 Accredited Standards Committee, since 1984  
Subgroup Chairman, ANSI A2,  
Committee Member, ANSI A10.32  
Committee Member, ANSI A10.33  
Committee Member, ANSI A10.38  
Chairman, ANSI A10 Accredited Standards Committee, Safety in  
Construction and Demolition Operations, 1987 to 2000  
Member, Construction Section, National Safety Council  
Past General Chairman, Construction Section, National Safety Council, 1984-  
1985  
Member, Construction Division, National Safety Council  
Member, ANSI B30.12*

*Member, Construction Program Standards Work Group, Construction Safety and Health*

*Member, ACCOSH Work Group, Construction Safety and Health*

*Member, VOS, 1993 to Present*

**EXPERIENCE:**

*Carpenter for several leading contractors on residential and commercial projects. Worked as Estimator and Expediter for builder/developer. Successfully estimated and purchased numerous major commercial projects each year in addition to a major (400 homes per year) home-building operation.*

*Office Engineer and Project Engineer for earthmoving contractor. Involved with heavy engineered construction, dams and power houses, etc.*

*Regional Manager for foundation, concrete restoration and piling contractor. Complete responsibility for estimating, sales and project management of all work acquisition and performance in five state area.*

*Seven years as Director of Construction for a major insurance carrier. Responsible for risk selection, control of hazards, development of construction safety program, development of underwriting standards and implementation of on-site safety programs. Control of six regional specialists on nationwide basis.*

*Instructor, Continuing Education, Spring Garden College, Construction Safety.*

*Instructor, USDOL Hazard Recognition Course, 10 hour and 30 hour.*

*Founded AEGIS CORP. in 1975, as an engineering consulting firm specializing in providing engineering safety and loss control services to the construction and insurance industries.*

**As President of AEGIS CORP.:**

*Performed engineering evaluation, developed guide procedures for onsite monitoring of numerous heavy lifts and transportations. These were both domestic and foreign movements involving heavy lifts and transportations in excess of 800 tons.*

*Investigations of numerous crane and rigging accidents involving both injury and property damage. These investigations have been conducted on behalf of the*

*Occupational Safety and Health Administration, contractors, owners and major insurance carriers.*

*Provided training programs for insurance companies' contractors and OSHA inspectors on topics involving construction safety and safety regulations.*

*Developed guidelines for a major insurer defining cranes, rigging and material handling procedures for implementation on nuclear construction sites. Performed numerous onsite inspections in conjunction with these guidelines.*

*Investigated numerous construction accidents to determine causal factors and remedial action applicable.*

*Testified as an expert witness in numerous cases involving construction accidents, both property damage and personal injury.*