

ENGLISH ENGINEERING INC.

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JASON T. ENGLISH, M.S., CSP, P.E.

EDUCATION:

- Post Graduate Directed Studies in Machine Guarding, Department of Safety Engineering
Texas A&M University (College Station), 2002
- Directed Studies in Means of Egress (Walking/Working Surface Design),
College of Architecture, Texas A&M University (College Station), 2001
- M.S. Safety Engineering, Department of Safety Engineering
Texas A&M University (College Station), 1999
(3.83 Graduate GPA)
- B.S. Industrial Engineering, Systems Safety Engineering Specialty,
Department of Industrial Engineering, Texas A&M University (College Station), 1998

CERTIFICATIONS AND REGISTRATIONS:

- Registered Professional Engineer (P.E.), Texas, No. 94872 [2004]
- Board Certified Safety Professional (CSP), No. 18059 [2004]
- Certified (English XL) Variable Incidence Tribometrist (CXLT), No. 164 (i.e., certified to
measure and evaluate pedestrian traction on walking surfaces utilizing the English XL slip meter)

PROFESSIONAL MEMBERSHIPS:

- American Society of Safety Engineers
- Human Factors and Ergonomics Society
- ASTM International
Committees: F13 on Pedestrian/Walkway Safety and Footwear; F15 on Consumer Products;
F08 on Sports Equipment and Facilities; E58 on Forensic Engineering; E30 on Forensic Sciences
- International Code Council
- National Safety Council

EXPERIENCE:

Consultant - English Engineering Inc., July 2009-Present.

Accident cause analysis. Industrial, premises, and product related accident investigation. Workplace safety engineering. Machine guarding. Premises safety engineering (especially stairs, ramps, and level walking surfaces). Product safety engineering. Design of adequate warnings and instructions. Industrial, construction, premises, and product safety management. Fall protection and prevention (same level and from elevation). Human factors and ergonomics. Analysis of manual material handling tasks. System safety analysis. Safety research.

Additional services include construction monitoring services (residential and commercial), product evaluations, slip resistance testing, safety audits, and other miscellaneous consulting.

Associate, Professional Consultant – Nelson & Associates, May 1999-July 2009.

Same as stated above in first paragraph regarding accident cause analysis.

Construction Inspector – Independent Contracting, 2004 – 2008

Perform construction progress and quality inspections of primarily new residential construction.

Research Associate – Texas A&M University, Texas Engineering Experiment Station, National Science Foundation Industry/University Cooperative Research Center in Ergonomics, Aug. 1997-May 1999.

The Ergonomics Center research areas included: manual lifting, energy expenditure, anti-fatigue mats, cart pushing/pulling, office ergonomics (workstation design, posture, repetitive motion, effects of 21” monitors in the office environment), validation of distal upper extremity strain index, validation of the Revised NIOSH Lifting Equation, and heat stress.

Research was done in cooperation with Industry Partners, which included United Services Automobile Association (USAA), United Parcel Service (UPS), Browning-Ferris Industries (BFI), Aluminum Company of America (ALCOA), INTEL Corporation, and Neutral Posture Ergonomics.

SELECT GRADUATE AND UNDERGRADUATE COURSEWORK:

Safety Engineering

- Product Safety Engineering
- Industrial Safety Engineering
- System Safety Engineering
- Engineering Ethics
- Facilities Location, Layout, & Material Handling

Human Factors & Ergonomics

- Occupational Biomechanics
- Human Information Processing (Human Factors)
- Worker Physiology
- Biological Control System Analysis (Ergonomics)
- Ergonomics & Work Methods
- System Safety Analysis & Design (Ergonomics)

Industrial Hygiene & Occupational Health

- Industrial Hygiene Engineering
- Occupational and Environmental Health
- Acoustics & Noise Control
- Environmental Protection & Public Health
- Occupational & Environmental Epidemiology
- Radiological Safety

Support Areas

- Construction Materials & Methods 1
- Construction Materials & Methods 2
- Electrical Circuits & Instrumentation
- Principles of Statistics 1
- Principles of Statistics 2
- Design & Analysis of Experiments (Statistics)

Post Graduate

- Means of Egress (Design of Stairs, Ramps, Level Surfaces, Changes in Elevation, Lighting; Code Administration)
- Machine Guarding (Principles, Concepts, and Techniques)

PRESENTATIONS

- Invited Speaker, ASSE Gulf-Coast Chapter Meeting, "The Prevention of Walking/Working Surface Related Falls," 2007.
- Guest Lecturer, Texas A&M University, SENG 313 – Product Safety Engineering, Fall 2002.

CONFERENCES AND SEMINARS ATTENDED:

- "Prevention Through Design - Slips, Trips, and Falls," American Society of Safety Engineers, 2014.
- "Z359 Fall Protection Code," American Society of Safety Engineers, 2013.
- "Managing Contractor Safety," American Society of Safety Engineers, 2012.
- "A10 Standard on Multi-Employer Worksite Safety," American Society of Safety Engineers, 2012.
- "Rethink Safety: A New View of Human Error and Workplace Safety," ASSE, 2011.
- "Slip, Trip, and Fall Prevention in the Restaurant Industry," American Society of Safety Engineers, 2011.
- "Human Factors in Product and Interface Design," Human Factors and Ergonomics Society, 2011.
- "Slips, Trips, and Falls: Best Practices and Standards," American Society of Safety Engineers, 2009.
- "Changes to the ASSE/ANSI Z117.1 Standard - Safety Requirements for Confined Spaces," ASSE, 2009.
- "Ergonomics Workshop: Using the 3D Static Strength Prediction Program™," Center for Occupational Health and Safety Engineering, University of Michigan, 2009.
- Conference and Exposition, Sessions attended: "Treating Your Own Back Injuries," "Leading with Safety: The Patch to Excellence," "Moving to Task Based Lock-Tag-Try," National Safety Council/Texas Safety Assoc., 2008.
- Photogrammetry – Single Photo Perspective, 2006.
- Conference and Exposition, Sessions attended: "Commercial Vehicle Crashes, Trends, and Prevention Techniques," "Safety Management Leadership: Delivering a High Level of Performance," National Safety Council/Texas Safety Association, 2006.
- Managing Contractor Safety, American Society of Safety Engineers, 2006.
- "Fall Protection," American Society of Safety Engineers, 2006.
- Variable Incidence Tribometer Certification Program, International Safety Academy, 2005.
- "Solving Means of Egress Issues in Commercial Buildings," International Code Council, 2005.
- "Mobile Crane Safety," Crane Institute of America, 2005.
- Safety 2003 Conference and Exposition (3-day), Sessions attended: "Hospitality Safety: Results Beyond Compliance," "Safety After Hours (Consumer Product Safety)," "Ladder Safety - Using the A14 Standards as a Benchmark," "Risk Management for Crane and Rigging Operations," "Contractor Safety: Know the Risks...And Manage Them," "Integrated Hazard Analysis: Using the Strengths of Multiple Methods to Maximize Effectiveness," "Machine Safeguards: What to Use and When?," "Fall Protection for Difficult Exposures," ASSE, 2003.
- "Fall Protection," Texas Worker's Compensation Commission, 2001.
- "Trenching and Shoring," Texas Worker's Compensation Commission, 2001.
- "Construction Safety," Texas Workers' Compensation Commission, 2001.

PRE-COLLEGIATE:

Eagle Scout