



RACHEL A. EIGEN, CSP, AEP, MISE
SENIOR STAFF CONSULTANT

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Ms. Eigen is a Senior Staff Consultant for ESi in the group of Safety and Risk Assessment. She has an extensive background in occupational safety and ergonomics dating back to her sophomore year of college. She specializes in industrial and systems engineering, particularly in the areas of safety regulations and best practices, injury reduction, case management, human factors analyses (product safety labeling, warnings, and instructions), accident investigation, behavior-based safety programs, safety compliance audits / analyses, ergonomics, engineering controls, statistics, and data analysis.

Areas of Specialization

- Safety and Risk Assessment
- Hazard Analysis and Control
- OSHA 1910 Compliance / Auditing
- OSHA 1910 Compliance Training
- ISO 14001 / OHSAS 18001
- EHS Program Development
- Accident Investigation
- Human Factors
- Office Ergonomics
- Data and Statistical Analysis
- Safety Leadership
- Safety Culture Development
- OSHA 1926 Compliance / Auditing

Education

- 2013 M.I.S.E., Industrial & Systems Engineering, Auburn University
- 2012 B.S., Industrial & Systems Engineering, Auburn University

July 2019

Professional Affiliations/Honors

American Society of Safety Engineers (ASSE), Member
Society of Women Engineers (SWE), Member
National Safety Council (NSC), Member
Alpha Pi Mu Industrial Engineering Honor Fraternity, Member
Institute of Industrial Engineers (IIE), Member
National Fire Protection Association (NFPA), Member

Positions Held

Engineering Systems Inc., Charlotte, North Carolina

Senior Staff Consultant, 2019 - Present

Arbill, Inc., Philadelphia, Pennsylvania

EHS Services Manager, 2018-2019

EHS Consultant / Auditor, 2017-2019

Nestle Waters North America, McBee, South Carolina

EHS Manager, 2015-2017

Michelin North America, Lexington, South Carolina

Safety and Environmental Engineer, 2013-2015

Continued Education

Lead Auditor, ISO 14001 / OHSAS 18001
Crane and Rigging Train-the-Trainer
Office Ergonomics OSHA Certification
First Aid/CPR/AED
Safety Engineering Controls
Process Safety Management
Emergency Evacuation Plans
Industrial Hygiene and Environmental Hazards
Simulation Modeling and Analysis



Advanced Engineering Statistics
Linear Programming and Network Flows
Six Sigma
Manufacturing and Production Economics
Quality Control
ASSE's Annual Safety Conferences, Attendee

Classroom Training Experience

Bloodborne Pathogens	Electrical Safety	Forklift Safety
Safety Leadership	Working at Heights	Walking / Working Surfaces
DOT/RCRA	Basic Spill Response	Universal / Hazardous Waste
Hearing Conservation	Ergonomics Awareness	HAZCOM / GHS
Crane/Rigging Safety	Lockout / Tagout	Active Shooter
Emergency Action Plan	Arc Flash Awareness	Fire Prevention
Heat / Cold Stress	Portable Fire Extinguisher	Personal Protective Equipment
Hot Work/Welding Safety	Compressed Gas	Fall Protection
Machine Guarding	Confined Spaces	Warehouse Safety