

REBEKAH LAKER

HSE Engineer

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123 Maple Street, Detroit, MI 48226



PROFILE

A dedicated HSE Engineer with 2 years of experience in implementing health, safety, and environmental policies and procedures. Proficient in conducting risk assessments, incident investigations, and compliance audits. Demonstrates strong analytical skills and ability to develop effective solutions to minimize workplace hazards. Adept at collaborating with cross-functional teams and promoting a strong safety culture. Successfully completed industry-recognized certifications, enhancing expertise in HSE best practices.

LINKS

[linkedin.com/in/rebekahlaker](https://www.linkedin.com/in/rebekahlaker)

SKILLS

Risk Assessment

Hazard Analysis

Incident Investigation

Safety Auditing

Emergency Response Planning

Ergonomics Evaluation

Industrial Hygiene

LANGUAGES

English

Japanese

EMPLOYMENT HISTORY

HSE Engineer at Ford Motor Company, MI

May 2023 - Present

- Reduced workplace accidents by 45% in the production facility over a 2-year period, through the implementation of stringent safety protocols, employee training programs, and regular hazard assessments.
- Achieved a 35% reduction in environmental waste within the manufacturing plant during a 3-year period, by optimizing processes, implementing recycling initiatives, and employing innovative waste management strategies.
- Successfully managed a cross-functional team to achieve a 98% compliance rate with all federal, state, and local HSE regulations, resulting in zero fines or penalties for the company during a 5-year tenure.

Associate HSE Engineer at General Motors, MI

Aug 2021 - Mar 2023

- Developed and implemented an updated safety training program that led to a 30% reduction in workplace accidents over a two-year period, resulting in increased productivity and reduced costs for General Motors.
- Conducted comprehensive risk assessments and hazard analyses for over 50 processes, leading to the identification and mitigation of potential safety hazards, and contributing to a 25% reduction in safety incidents within the facility.
- Successfully managed a \$500,000 budget for the HSE department, ensuring the appropriate allocation of resources for safety programs and improvements, ultimately leading to a 15% overall improvement in safety performance metrics.
- Collaborated with cross-functional teams to design and implement ergonomic improvements in the manufacturing process, which reduced musculoskeletal injuries by 40% and increased employee satisfaction and morale.

EDUCATION

Bachelor of Science in Health, Safety, and Environmental Engineering at Michigan Technological University, Houghton, MI

Aug 2017 - May 2021

Relevant Coursework: Environmental Engineering, Occupational Health and Safety, Industrial Hygiene, Risk Assessment and Management, Environmental Chemistry, Air and Water Pollution Control, Hazardous Waste Management, Ergonomics, and Accident Prevention.

CERTIFICATES