



# MICHAEL ANDERSON

## LEAD HAZARD ANALYSIS ENGINEER

### PROFILE

Dynamic Hazard Analysis Engineer with a robust background in environmental health and safety within the oil and gas sector. Over 10 years of experience in conducting hazard assessments and developing strategies to mitigate risks associated with drilling and production activities. Skilled in utilizing advanced risk assessment software and tools to analyze operational hazards and implement effective control measures.

### EXPERIENCE

#### LEAD HAZARD ANALYSIS ENGINEER

##### PetroSafe Corporation

2016 - Present

- Managed and executed extensive risk assessments for offshore drilling projects, improving safety compliance by 25%.
- Developed and maintained safety management plans in accordance with federal and state regulations.
- Conducted training sessions for field personnel on risk management and emergency response protocols.
- Implemented a risk assessment software tool that streamlined hazard identification processes.
- Collaborated with engineering teams to enhance safety features in drilling designs.
- Prepared detailed hazard analysis reports for senior management and regulatory reviews.

#### HAZARD ANALYSIS ENGINEER

##### SafeLand Oil & Gas

2014 - 2016

- Conducted safety audits and hazard assessments in compliance with environmental regulations.
- Assisted in developing safety training materials for employees and contractors.
- Monitored safety performance metrics and provided recommendations for improvement.
- Facilitated incident investigations and identified root causes of safety breaches.
- Collaborated with project teams to integrate safety considerations into project planning.
- Engaged with local communities to promote safety awareness and environmental stewardship.

### CONTACT

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### SKILLS

- Risk analysis
- Environmental safety
- Safety training
- Incident investigation
- Regulatory compliance
- Hazard identification

### LANGUAGES

- English
- Spanish
- French

### EDUCATION

BACHELOR OF SCIENCE IN  
ENVIRONMENTAL ENGINEERING, TEXAS  
A&M UNIVERSITY

### ACHIEVEMENTS

- Achieved a 50% reduction in environmental incidents over three years through improved safety practices.
- Recognized as 'Employee of the Year' for outstanding contributions to safety management.
- Contributed to the development of a safety culture that led to a 30% improvement in employee safety engagement scores.