



# MICHAEL ANDERSON

## REFINERY OPERATIONS MANAGER

### PROFILE

Accomplished Oil and Gas Specialist with an extensive background in refining and petrochemical processes. Expertise in optimizing plant operations, ensuring compliance with environmental regulations, and driving safety initiatives. Proven track record of implementing process improvements that enhance productivity and reduce waste. Strong analytical skills complemented by a deep understanding of chemical engineering principles.

### EXPERIENCE

#### REFINERY OPERATIONS MANAGER

##### Petrochemical Innovations

2016 - Present

- Directed daily operations of a high-capacity refinery, achieving a 20% increase in throughput.
- Implemented Lean Six Sigma methodologies to streamline processes and reduce waste.
- Led safety audits, resulting in a 50% reduction in workplace incidents.
- Collaborated with engineering teams to optimize the refining process and improve product quality.
- Managed a budget of \$10 million, ensuring cost-effective operations.
- Developed and executed training programs for staff on safety and operational efficiency.

#### CHEMICAL ENGINEER

##### Energy Solutions Inc.

2014 - 2016

- Conducted process simulations to enhance refinery operations and product yield.
- Participated in the design and implementation of new processing units.
- Analyzed operational data to identify trends and recommend improvements.
- Worked closely with environmental compliance teams to ensure adherence to regulations.
- Facilitated cross-departmental meetings to drive project alignment.
- Prepared detailed reports for management on process performance and improvement initiatives.

### CONTACT

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### SKILLS

- Refining Processes
- Process Optimization
- Safety Management
- Lean Six Sigma
- Data Analysis
- Team Collaboration

### LANGUAGES

- English
- Spanish
- French

### EDUCATION

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING, STANFORD UNIVERSITY

### ACHIEVEMENTS

- Achieved ISO 14001 certification for environmental management.
- Implemented a project that saved \$2 million annually through waste reduction.
- Recognized with the 'Safety Excellence' award for outstanding safety record.