

Luthando Skills & Training

P. O. Box 4941
Randburg 2151
Tel: + 27 87 808 2509
Cell: + 27 73 882 2609
Email: info@luthandoskills.co.za

An Intensive 3-day Training Course

Behavioral Safety in Mining

Enhancing Safety Culture, Risk Management, and Sustainable Practices through Behavior-Based Strategies

Classroom sessions

Date	Venue	Fees
23-25 April 2025	Sandton	R 8,999

INTRODUCTION

This Behavioral Safety in Mining training course is designed for professionals in the mining industry who are committed to enhancing their safety practices and leadership skills. By attending, participants will gain valuable insights into behavioral safety principles and their application in real-world mining operations. Through interactive workshops and practical case studies, attendees will learn how to identify and manage risks, build a positive safety culture, and implement sustainable safety programs that not only protect their workforce but also ensure long-term operational success.

This training course provides a comprehensive understanding of behavioral safety in mining, combining theoretical knowledge with actionable strategies to transform safety performance. Participants will explore key behavioral safety techniques and tools, learn how to influence and manage safety-related behaviors effectively, and develop skills to foster a culture of safety excellence. With a focus on sustainability, attendees will also understand how to integrate environmental, social, and governance (ESG) factors into their safety practices, ensuring that their safety programs are both effective and environmentally responsible.

This training course will highlight:

- Behavioral Safety Principles: Learn how to apply behavioral science to improve safety outcomes in mining operations.
- Risk Management Strategies: Gain hands-on experience in conducting risk assessments and implementing behavioral safety measures.
- Safety Culture Development: Explore strategies to build and sustain a strong safety culture through leadership and effective communication.
- Sustainable Safety Practices: Understand the importance of integrating ESG considerations into safety programs to achieve long-term success.
- Advanced Safety Techniques: Master practical tools and techniques for observing, providing feedback on, and reinforcing safe behaviors among your team.

TRAINING OBJECTIVES

At the end of this Behavioral Safety in Mining training course, you will learn to:

- Understand the key principles of behavioral safety in mining
- Identify safety risks and apply behavioral safety techniques
- Develop effective safety communication and leadership strategies
- Implement behavior-based safety programs in mining operations
- Evaluate safety performance and drive continuous improvements

TRAINING METHODOLOGY

The Behavioral Safety in Mining training course will employ a blend of interactive lectures, case studies, group discussions, and hands-on exercises to engage participants. Real-life mining scenarios will be used to illustrate key concepts, fostering practical understanding. Participants will also engage in role-playing to practice behavioral observation and feedback techniques. Visual aids and data-driven tools will be integrated to enhance learning. Continuous reflection and group collaboration will ensure active participation and deeper retention of safety practices.

Organisational Impact

Attending the Behavioral Safety in Mining training course will equip employees with crucial knowledge and practical skills that can be applied to enhance safety and operational performance in the workplace. The organizational impact includes:

- Improved safety culture: Participants will foster a stronger safety culture, driving proactive safety behaviors across all levels.
- Enhanced risk management: Skills in identifying and mitigating safety risks will reduce workplace accidents and improve overall safety compliance.
- Increased leadership effectiveness: Leaders will learn how to influence and motivate teams toward safer practices, enhancing safety leadership across the organization.
- Data-driven decision-making: Employees will gain proficiency in using safety data to track and improve safety performance continuously.
- Sustainability integration: Participants will be equipped to align behavioral safety practices with broader environmental, social, and governance (ESG) goals, supporting long-term organizational sustainability.
- Higher employee engagement: Through improved communication and feedback techniques, employees will feel more engaged in safety efforts, leading to a more motivated workforce.

Personal Impact

This Behavioral Safety in Mining training course will empower participants with the knowledge and tools to enhance safety practices in the mining sector, benefiting their roles and career growth.

- Gain a deeper understanding of behavioral safety principles and their application in mining operations.
- Learn strategies for fostering a safety-conscious culture and engaging leadership.
- Enhance skills in identifying, assessing, and managing safety risks from a behavioral perspective.
- Acquire techniques for observing and providing feedback to improve safety behaviors on-site.
- Learn how to integrate sustainability into safety programs and long-term risk management.
- Strengthen capabilities in implementing and continuously improving behavioral safety programs, boosting career advancement opportunities.

WHO SHOULD ATTEND?

This training course is suitable for professionals involved in mining safety and operations,

especially those focused on behavior-driven safety improvements. It offers practical tools for creating safer and more sustainable practices within the mining sector.

- **Safety Managers and Officers:** Responsible for developing and implementing safety protocols and ensuring worker safety.
- **Mine Supervisors and Foremen:** Oversee daily operations and safety on the ground, ensuring compliance with safety measures.
- **Human Resources Professionals:** Involved in employee training, development, and fostering a safety culture across the workforce.
- **Operations Managers:** Responsible for overall operational efficiency, including the integration of safety practices into daily operations.
- **Environmental and Sustainability Officers:** Work on aligning safety practices with environmental and sustainability goals in mining operations.

SEMINAR OUTLINE

Day 1

Introduction to Behavioral Safety in Mining:

- **Overview of Behavioral Safety (BS):** Introduction to behavioral safety principles, the role of human behavior in safety outcomes, and its relevance to mining operations.
- **Key Principles of Behavioral Safety:** Understanding human behavior in the context of safety incidents and how behaviors can be influenced to prevent accidents.
- **The Science Behind Behavioral Safety:** Psychological and sociological aspects of behavior in safety-related situations.
- **Industry Challenges:** Discuss common safety issues in mining (e.g., accidents, unsafe practices) and their root causes from a behavioral perspective.
- **Sustainability and Behavioral Safety:** The role of sustainable safety practices in reducing long-term operational and environmental risks in the mining sector.

Building a Safety Culture:

- **The Importance of a Safety Culture:** Defining safety culture and its impact on mining operations.
 - **Leadership and Safety Culture:** Examining how leadership styles influence the creation and maintenance of a positive safety culture.
 - **Engagement and Motivation Strategies:** Methods to engage workers and motivate them to adopt safety-focused behaviors.
 - **Communicating Safety Effectively:** Best practices for communicating safety messages and ensuring they are embraced by all stakeholders.
 - **Promoting Sustainability through Safety Culture:** Linking leadership behavior to sustainable safety practices and overall environmental and social responsibility.
-

Day 2

Identifying and Managing Safety Risks:

- **Risk Assessment in Mining Operations:** Methods for identifying and evaluating hazards, applying risk assessments to mitigate unsafe behaviors.
- **Behavioral Influence on Risk Perception:** How human behavior impacts the identification and response to risks in the mining industry.
- **Human Error and Safety:** Understanding the psychology behind errors and implementing strategies to minimize unsafe behaviors.
- **Incident Investigation and Reporting:** Techniques for investigating incidents to uncover behavioral root causes and prevent recurrence.
- **Sustainability in Risk Management:** Incorporating environmental, social, and governance (ESG) considerations into safety risk management strategies.

Behavioral Safety Techniques and Tools:

- **Behavioral Observation and Feedback:** Techniques for training employees to observe unsafe behaviors and provide constructive feedback.
 - **Positive Reinforcement in Safety:** Leveraging positive reinforcement to encourage safe behaviors in mining operations.
 - **Sustainable Safety Practices:** How behavioral safety techniques contribute to long-term safety improvements and environmental sustainability.
 - **Data-Driven Safety Monitoring:** Using data analytics and monitoring tools to track safety performance and behavioral trends.
 - **Behavioral Safety Audits:** Conducting behavioral safety audits to assess the effectiveness of safety programs and identify areas for improvement.
-

Day 3

Advanced Behavioral Safety Strategies and Program Implementation:

- **Developing Behavioral Safety Programs:**
Steps for designing and implementing a comprehensive behavioral safety program tailored to mining operations.
- **Integration with Other Safety Management Systems:** How to integrate behavioral safety strategies with existing safety management systems in mining.
- **Measurement and Continuous Improvement:** How to measure success and make ongoing adjustments to improve safety programs over time.
- **Sustainability in Safety Programs:**
Ensuring that safety programs are adaptable and sustainable, aligned with broader organizational and environmental goals.
- **Achieving Excellence in Safety:**
Developing a culture of continuous learning and innovation in safety practices, leading to excellence in mining safety.