

Workplace Supervision and Permit to Work Systems

1. Overview

This programme is designed to equip participants with the knowledge and skills to describe and apply the legal and procedural requirements for work permits in hazardous environments. It also empowers learners to conduct fault tree analysis (FTA) in accident investigations to identify root causes and prevent future incidents. The course is essential for learners pursuing a career in Rock Engineering, or working in supervisory or safety-related roles in high-risk industries.

2. Learning Outcome:

➤ Permit to Work Systems:

- Describe the purpose and importance of permit to work systems.
- Identify and explain requirements for:
 - Hot work permits
 - Cold work permits
 - Confined space entry permits
 - Lockout/tagout (LOTO) systems
 - Apply basic procedures for obtaining and complying with permits.

➤ Fault Tree Analysis in Accident Investigations:

- Understand the concept and methodology of fault tree analysis (FTA).
- Apply FTA to identify root causes in a workplace incident.
- Use FTA data to support continuous improvement in safety.
- Recognize the consequences of incorrect or incomplete analysis.

➤ Supervisory Role Integration:

- Understand the responsibilities of a supervisor in a hazardous environment.
- Plan and organize work activities and resources effectively.
- Lead and control employees to ensure safety and compliance.
- Incorporate permit systems and FTA results into daily supervision.

Qualification:	Certificate of Completion
Duration:	3-Months
Programme Type:	Category B – Workplace-Based Learning Programme
Programme ID:	PA0207
SAQA US:	120359, 113845, 256871
NQF Level:	4
Credits:	16
Entry Requirements:	Communication & Mathematical Literacy at NQF 3
Training Options:	Online - Each participant will get access to Moodle that includes all the materials and resources needed for the programme. There will be Microsoft Teams sessions with a facilitator. Onsite - Each participant will get access to Moodle that includes all the materials and resources needed for the programme. There will be onsite contact sessions in a classroom with a facilitator.
Minimum Learners Required:	(1) Online & (1) Onsite

3. Program Content

- **(120359 US):** Monitor, report and make recommendations on the requirements applicable to permit to work systems in a working environment
- **(256871 US):** Conduct a fault tree analysis in accident investigations
- **(113845 US):** Supervise employees

4. Topics

- Module 1: Introduction to Workplace Hazards and Safety Systems
- Module 2: Permit to Work Systems
- Module 3: Fault Tree Analysis (FTA)
- Module 4: Supervisory Role in Safety Systems

5. Workplace-Based Learning Programme

This WLP is a fusion of academic learning and practical work. The learning is directly applied to the workplace by using client-based mentors and extensive workplace-based portfolio work and assignments. Apart from the obvious benefits of a workplace directed qualification, each WLP qualifies for recognition as a Category B Skills Programme in the Learning Matrix of the Amended BEE codes, which allows for the salaries of participants to be recognized as part of the Skills Development Expenditure.

We trust that the above is in order and look forward to hearing from you for Implementation