

Pollution Incident Management & Remediation

1. Overview

The purpose of this programme is to equip participants with the knowledge and practical skills to effectively manage pollution incidents, investigate workplace incidents, and implement corrective actions that minimise environmental damage and workplace risks. Participants will develop the ability to respond to environmental emergencies, conduct incident investigations, gather and analyse evidence, recommend preventative measures, and communicate findings professionally. The programme supports compliance with environmental and occupational health and safety legislation while promoting responsible environmental stewardship and continuous organisational improvement.

2. Programme Outcome:

- Explain the principles of pollution incident management and environmental remediation
- Respond appropriately to environmental emergencies to minimise damage to people, property, and the environment
- Apply environmental legislation and organisational procedures during pollution incidents
- Explain the theory and principles of workplace incident investigation
- Conduct specialist workplace incident investigations using recognised methodologies
- Secure incident scenes and gather relevant evidence
- Analyse incident findings to determine root causes and contributing factors
- Develop corrective and preventative action plans to reduce future incidents
- Apply structured problem-solving techniques to workplace and environmental incidents
- Communicate investigation findings and recommendations through professional reports and presentations
- Promote legal compliance, environmental protection, and continuous improvement within the workplace

Qualification:

Certificate of Completion

Duration:

4-Months

Programme Type:

Category B – Workplace-Based Learning Programme

Programme ID:

PA0431

SAQA US:

116971, 244518, 10622, 14927

NQF Level:

5

Credits:

28

Entry Requirements:

NQF Level 4 qualification

Training Options:

Online - Each participant will receive access to an online portal, where all programme materials and resources are available. Training is delivered fully online, and participants will join scheduled Microsoft Teams sessions facilitated by a trainer. This mode provides flexibility and allows learners to participate from any location.

Blended - Blended learning combines both online and face-to-face training. Participants receive access to an online portal for online content, resources, and self-paced activities. They also attend scheduled in-person contact sessions with a facilitator, either at the client's premises or providers campus. This approach offers the

**A choice of leveraged programmes for any person,
At any level, in any department, of any company, in any industry.**

flexibility of online learning with the added support of guided, interactive sessions.

Face-to-Face - Each participant will receive training resources, which contains all programme materials and resources. Training is delivered through onsite contact sessions, either at the client's premises or providers campus, where a facilitator conducts the sessions in a classroom environment.

Minimum Participants Required: (1) Online, (1) Blended & (1) Face-to-Face

3. Programme Content

- **(116971 US):** Demonstrate knowledge of pollution Incident management and remediation
- **(244518 US):** Apply specialist incident investigation techniques to a specific incident in a work environment
- **(10622 US):** Conduct communication within a business environment
- **(14927 US):** Apply problem solving strategies

4. Topics

Module 1: Introduction to Pollution Incident Management

- Principles of pollution incident management
- Types of pollution incidents
- Environmental emergencies
- Roles and responsibilities during incidents
- Environmental protection principles

Module 2: Environmental Legislation and Compliance

- National Environmental Management Act (NEMA)
- National Water Act
- Pollution prevention legislation
- Organisational environmental policies
- Regulatory reporting requirements

Module 3: Pollution Response and Remediation

- Emergency response planning
- Spill containment and control
- Environmental remediation techniques
- Recovery and restoration processes
- Preventing environmental damage

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

Module 4: Workplace Incident Investigation

- Principles of incident investigation
- Types of workplace incidents
- Incident response procedures
- Securing the incident scene
- Evidence collection and preservation

Module 5: Root Cause Analysis and Problem Solving

- Defining workplace problems
- Root cause analysis techniques
- Evaluating possible solutions
- Implementing corrective actions
- Preventative measures and continuous improvement

Module 6: Investigation Reporting

- Recording investigation findings
- Preparing investigation reports
- Presenting recommendations
- Follow-up actions
- Monitoring corrective actions

Module 7: Business Communication

- Communication channels in organisations
- Incident communication protocols
- Professional report writing
- Presentation skills
- Stakeholder communication
- Team collaboration during incident response

Module 8: Building a Safe and Environmentally Responsible Workplace

- Environmental risk management
- Health and safety culture
- Incident prevention strategies
- Emergency preparedness
- Best practices in environmental and workplace incident management

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5. Target Market

This programme is suitable for:

- Environmental Officers
- Occupational Health and Safety Officers
- SHEQ Practitioners
- Environmental Compliance Officers
- Incident Investigators
- Risk Management Practitioners
- Environmental Coordinators
- Operations Supervisors
- Mining and Manufacturing Supervisors
- Water Resource Management Officers
- Emergency Response Personnel
- Public Sector Officials

6. Assessments

This programme includes a Portfolio of Evidence (POE) that must be submitted at the end of the programme. The POE include:

- **Knowledge Assessments:** To evaluate theoretical understanding
- **Practical Assignments:** Hands-on tasks related to course topics
- **Workplace Assignments and Logbook:** Application of skills in real-world settings

Successful participants will receive a certificate of completion.

7. 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.

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