



DEMONSTRATE KNOWLEDGE OF POLLUTION INCIDENT MANAGEMENT AND REMEDIATION

Unit Standard: 116971



Course Information



Qualification Title

National Certificate: Environmental Management

Course Title

Demonstrate Knowledge of Pollution Incident Management and Remediation

Course Level

5

Course Credits

10

Course Duration

Three days

Cost of Course

R 2 800,00 per delegate (excluding 15% VAT)

Course Overview

The qualifying delegate through this course, in combination with context expertise standard(s), will be able to take corrective action during emergency incidents. This action aims to ensure the health and safety of people while avoiding damage to the environment and infrastructure. This course will additionally enable the learner to ensure compliance with legislation and reduce legal and financial liability for the organisation.

Environmental Management

Who Should Attend?	Anyone willing to develop their skills and knowledge related to pollution incident management and remediation.
Course Objectives	- Explain the procedures for the management of a pollution incident before going on-site, using relevant legislation. - Manage the source of a pollution incident. - Manage the cleanup of the receiving environment in a pollution incident when the source can be traced. - Manage the cleanup of the receiving environment in a pollution incident when the source cannot be traced. - Demonstrate an understanding of post-incident management.
Benefits	Benefits of this course include: - Increased ability to identify and solve problems using critical and creative thinking. - Working effectively with others as a member of a team, group, organisation, and community. - Increased ability to plan, organise, and manage oneself and one's activities responsibly and effectively. - Development of processes to collect, analyse, organise, and critically evaluate information. - Communicating effectively using visual, mathematical, and/or language skills in the form of oral and/or written presentations. - Use of science and technology while showing responsibility towards the environment and health of others. - Demonstration of an understanding of the world as a set of related systems by recognising that problem-solving contexts do not exist in isolation.

Course Content

Course Modules	Course modules consist of: - Types of incidents. - Identifying respective lead agents and role players for each type of incident. - Explaining appropriate action, including legal requirements, for each type of incident. - Assessing incident scenes and taking appropriate action. - Evaluate pollution source – concerning the quantity, quality, and toxicity.
-----------------------	---

	6. Use of correct tools to trace sources of pollution. 7. Obtaining appropriate samples and prosecution evidence from the staff member(s). 8. Storage of samples and evidence. 9. Compliance with safety procedures at the scene of the pollution incident. 10. Monitoring staff to ensure that correct prosecution procedures are followed. 11. Issuing legal sanction for clean-up to the polluter within the specified time frame. 12. Reports to relevant authorities. 13. Assessing the effect of the pollution on the receiving environment. 14. An immediate clean-up procedure is assessed and evaluated. 15. Long-term source and resource directed remediation measures. 16. Legal reporting procedures to relevant authorities.
Certification and Assessments	All delegates who complete the summative assessment will be assessed, moderated, and receive a SOR (Statement of Results). Thereafter a Certificate of Competence from WWiSE (or SETA for qualifications) will be issued.

About WWiSE

Who are we?

World Wide Industrial & Systems Engineers (WWiSE) is an ISO consultancy, training, business solutions, and systems implementation firm based in Southern Africa that provides clients with effective business processes management solutions in preparation for ISO compliance. The solutions we provide and implement allow our clients to compete favourably in modern competitive business environments, both locally and internationally. We also strive to be the leading training providers in SHERQ, ISO, Engineering, Finance, Business, and Project Management.

What do we do?

Our services are aimed at the improvement of quality, efficiency, knowledge, and competitiveness of client companies. This service range includes:

- ISO and SHERQ Systems implementation services, whereby we assist clients in meeting the requirements of (but not limited to) ISO 9001, 14001, 22000, 31000, 27001, 20000-1, 50001, and ISO 45001 Standards.
- Integrated Management Systems development whereby we integrate several business systems and management solutions into a single management system to comply with standards.
- Training of all employees (Shop Floor to Executive Management) in the fields of SHERQ, Engineering, Finance, Business, and Project Management to meet job responsibilities and expertise requirements of International Standards.
- ISO and Legal Auditing which includes Gap Analysis Audits, Product, Process, Procedural, and Systems auditing by our registered SAATCA Auditors.
- Customised web-based solutions integrating current systems to be in line with ISO requirements.

We are a Level 1 BBBEE Contributor that specialises in systems development, consultancy, training, and auditing.