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Course Title: Manage the Transportation of Dangerous Goods

SAQA ID: 113851

NQF Level: 5

Credits: 6

Course Description:

This course equips learners with the necessary knowledge and skills to manage the safe and compliant transportation of dangerous goods. The course covers regulatory requirements, safety measures, risk management, and documentation needed when transporting hazardous materials. Learners will understand the classification of dangerous goods, handling procedures, emergency protocols, and the importance of adhering to safety and legal requirements.

Course Objectives:

By the end of this course, learners will be able to:

- Identify and classify different types of dangerous goods.
- Manage and oversee the safe handling, loading, and transportation of dangerous goods.
- Ensure compliance with legal and safety regulations related to the transport of hazardous materials.
- Implement risk management strategies for dangerous goods transport.
- Manage documentation and reporting related to the transportation of dangerous goods.

Benefits of Completing this Course:

- Ensure compliance with national and international laws governing the transport of dangerous goods.
- Improve safety practices in the handling and transportation of hazardous materials.
- Minimize the risk of accidents and environmental damage through effective management.
- Gain a recognized qualification to advance in roles related to logistics, transportation, and safety management.
- Enhance organizational reputation through adherence to safety standards.

Who Should Attend:

- Logistics managers and supervisors involved in the transportation of dangerous goods.
- Personnel responsible for safety and compliance in transport and logistics companies.
- Individuals in the supply chain or transport industries looking to specialize in dangerous goods handling.
- Health and safety officers seeking to improve their understanding of hazardous material transport regulations.



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Assessment:

Assessment will be based on the learner's ability to demonstrate the management of dangerous goods transportation, including:

- Written tests on regulatory requirements and safety standards.
 - Practical demonstrations of loading and handling hazardous materials.
 - Scenario-based assessments on risk management strategies.
 - Documentation exercises to ensure compliance with transport regulations.
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Specific Outcomes and Assessment Criteria:

By successfully completing this SAQA Unit Standard, learners will demonstrate competency in the following:

1. Identify and Classify Dangerous Goods:

- Understand the different classes of dangerous goods according to international standards.
- Identify the risks associated with each type of dangerous goods.
- Assessment Criteria: Written assessment on dangerous goods classifications and associated risks.

2. Ensure Compliance with Safety Regulations:

- Understand the legal requirements for transporting hazardous materials, including national and international laws.
- Implement safety practices for the transport of dangerous goods, such as correct labeling, packaging, and documentation.
- Assessment Criteria: Scenario-based tasks demonstrating the application of legal and safety regulations.

3. Manage the Handling and Loading of Dangerous Goods:

- Oversee the safe handling and loading of dangerous goods, ensuring no contamination or spillage.
- Ensure that vehicles used for transport are compliant with safety standards.
- Assessment Criteria: Practical demonstration of the correct loading and securing of dangerous goods.

4. Implement Risk Management for Transporting Dangerous Goods:

- Identify potential risks in the transportation of dangerous goods and develop strategies to mitigate these risks.
- Plan and implement emergency procedures in case of accidents or spills.
- Assessment Criteria: Practical scenarios assessing the ability to manage risks and implement emergency response plans.



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5. **Manage Documentation and Reporting:**

- Complete and maintain all necessary documentation for the transportation of dangerous goods, including manifests and safety data sheets.
- Ensure accurate reporting and record-keeping for compliance with regulations.
- Assessment Criteria: Documentation exercise to assess the correct completion of paperwork related to dangerous goods transport.

By completing this course, learners will acquire the skills to manage the transportation of dangerous goods safely and in compliance with legal and regulatory frameworks, ensuring the protection of people, property, and the environment.