SMALL-SPILL RESPONSE TRAINING
FOR SMALL CHEMICAL, OIL AND DANGEROUS GOODS SPILLED IN WORKPLACES
IN COMPLIANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT, 1993

WHAT ARE "CHEMICAL SPILLS"? Chemical spills involve the uncontrolled (unintentional) release of materials from their containers into the surrounding area or environment, and which present a significant risk to health, safety, property or environment. Specialised equipment and proper clean-up procedures therefore need to be utilized to minimize the risk or impact of such spill through rapid response and application of the correct "clean-up" procedures and the subsequent disposal of the hazardous waste recovered.

LEGAL COMPLIANCE – OCCUPATIONAL HEALTH AND SAFETY ACT

Employers must adhere to the prescribed Duties of Employers as per Sections 8 and 9 of the OHS Act, as well as various OHS Regulations. These include, but are not limited to:

- Hazardous Chemical Substances Regulations, 1995
- Hazardous Biological Agents Regulations, 2001
- General Safety Regulations, 1986
- Environmental Regulations, 1987

SAQA US ID: 242999 “RESPOND TO AND CLEAN UP A SPILL” NQF LEVEL 4:

TRAINING OF SPILL RESPONDERS in the workplace is conducted on-site (minimum 6 persons) at clients or can be provided at our training facility in Croydon (subject to availability and prior booking).

PURPOSE OF SPILL RESPONSE TRAINING:

To enable competent persons to identify and assess the risk of a potential spill, confine a spill should it happen and evaluate the incident to ensure a correct, safe clean up. They are also able to complete the required documentation in accordance with organisational procedures.

Persons found competent in this Unit Standard are capable of:

- Identifying and assessing the risk.
- Confining a spill.
- Evaluating the incident and implementing clean up.
- Completing required documentation and reports.

MINIMUM CRITERIA (RECOGNITION OF PRIOR LEARNING):

Persons who wish to be assessed in this Unit Standard must be able to demonstrate competence in –

- Communication at NQF Level 3 or equivalent (Matric level or equivalent).
- Mathematical Literacy at NQF Level 3 or equivalent. (Matric level or equivalent)

UNIT STANDARD RANGE:

Material Safety Data Sheets: Could include but are not limited to, Tremcard, literature from chemical and PPE manufacturers). This unit standard trains individual learners to undertake the relevant outcomes-based actions for the nine identified classes of Dangerous Goods as listed below:

- Class 1 – Explosives
- Class 2 – Gases
- Class 3 – Flammable Liquids
- Class 4 – Flammable Solids
- Class 5 – Oxidizers/Peroxides
- Class 6 – Toxic
- Class 7 - Radioactive Materials
- Class 8 – Corrosives
- Class 9 – Miscellaneous
SPILL RESPONSE TRAINING PROGRAMME – COURSE CONTENT:

1. Identify and assess the risk:
   - The risk related to the spill is identified and assessed according to standard operating procedures.
   - The risk affecting human health, the environment and property is determined according to standard operating procedures.
   - The identification and assessment of risk is explained and described as it relates to standard operating procedures.
   - The spilled material and quantity spilled are identified and corrective action is taken according to standard operating procedures.
   - The protective equipment is selective as it relates to the spill.
   - All relevant documentation is analysed to identify and use appropriate protective equipment.

2. Confine a spill:
   - Spill is limited by blocking, diverting or confinement as it relates to the spill and according to international safety requirements.
   - Relevant methods to confine a spill is explained and described in accordance to international safety guidelines.
   - The source of the spill is identified and stopped according to standard operating procedures.

3. Evaluate the incident and implement clean up:
   - Incident is reassessed to develop a plan of action for implementing the spill clean-up plan.
   - The methods for cleaning spills are explained and described in accordance to standard operating procedures.
   - Hazardous waste is identified and dealt with in accordance to international safety guidelines.
   - The decontamination process is explained and described as it relates to international safety guidelines.

4. Complete required documentation and reports:
   - All notification and paperwork are completed in accordance to the standards operating procedures and national legislation.
   - The purpose for the completion of the reports are explained and described according to international safety guidelines.

GENERAL INFORMATION ON TRAINING

IN-HOUSE TRAINING & PUBLIC COURSES:
Hazcom-DGR (Pty) Ltd have a modern, fully equipped training facility in Croydon, Kempton Park which can accommodate up to 30 people. No overcrowding will be experienced and refreshments such as tea, coffee, light snacks and a lunch meal are provided as part of the service.

Public training occurs most Saturdays (based on demand), with the exception of Public Holidays. However, special arrangements may be made to conduct training on Public Holidays, Sundays and after hours (two evenings of 4 hours each).

ON-SITE TRAINING:
Companies anywhere in South Africa (including neighbouring territories) may request that training be conducted on their premises. This can be arranged for classes numbering not less than 7 Learners. The company booking the training must ensure that suitable training facilities are provided, with tables, chairs, power and an open wall to accommodate a projector image, as well as arrange for refreshments and meals.

For training outside of Gauteng, travel and/or accommodation costs apply at current rates.

GENERAL:
Experienced and registered Assessors (Transport Education Training Authority “TETA” registered) conduct training over one full day. Learners are then expected to complete a Summative Theory and Practical Assessment and must achieve a minimum result of 75% in order to be deemed Competent and receive their 24-month certificate.

Learners receive a pen and learner guide which they retain once training is completed. Only fully-comprehensive bi-annual training is offered, since the relevant legislation does not provide for “refresher courses”.

DISCLAIMER:
The information contained herein is provided for the interest and convenience of all parties involved in the transport of Dangerous Goods by road, namely commercial vehicle operators, consignors, consignees, drivers and workplace health and safety professionals. Whilst dedicated effort is made to ensure the accuracy and current relevance of the information contained in this publication, Hazcom-DGR (Pty) Ltd, its associates, employees, servants or agents assume no responsibility for and give no guarantees, undertakings or warranties concerning the accuracy, completeness or current status of the information provided herein and also do not accept any liability of any nature whatsoever for any loss or damage arising from any acts, errors or omissions committed by parties as a result of information gained from this publication.

For quotations, price estimates and assistance on any related Training for Dangerous Goods Transport, Storage or Handling please contact our friendly consultants below:

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AVOID INJURIES, FATALITIES, PENALTIES, FINES, DELAYS AND LOSSES. ACT NOW!!!