



In this training programme, learners are primed to prepare to receive hazardous chemicals, receive and check chemicals, handle chemicals safely, conduct post handling processes and store hazardous chemicals for production requirements.

#### This Multimedia Training Programme Includes:



Detailed subject notes and illustrations



Progress quizzes keep learning on track



An overhead slide presentation providing supplementary information



Videos illustrate best practices, case studies, and operational examples



## TIM SHERQ CONSULTANCY

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# Stacking and storage of hazardous chemical substances

UNIT STANDARD NUMBER: 244073

UNIT STANDARD LEVEL (NQF): 02 (5 credits)

FIELD: Manufacturing, Engineering and Technology

## Duration

**Full Training (Novice):** 4 Day

**Recertification Training/Evaluation:** 1 Day

**Remedial Training:** 1 Day

## Students

Minimum of 2

## Course outline

### Introduction to dangerous goods

As an introduction, we discuss commonly used terminology and definitions dangerous goods classifications, characteristic risk classifications, Globally Harmonized System and CLP Regulations, packing group classifications, emergency response classifications and Emergency Action Codes (EAC).

### Preparing to receive dangerous goods

We discuss the warehousing agreement, gathering information, staff appointments to specific duties, suitability of storage facilities, and familiarity with goods to be handled – reading a MSDS, person protective equipment (PPE), emergency preparedness and good housekeeping.

### Receiving and checking dangerous goods

We discuss the dangerous goods receiving manager, the dangerous goods declaration (DGD), labelling requirements of the received goods, loading/offloading risk assessment form example, and general requirements for the receipt and dispatch of dangerous goods.

### Safe warehousing operations

We explain the off-loading operation, using fork-lift trucks for handling dangerous goods, separation and segregation, operating procedures, site rules, product-specific technology and dealing with leakage or spillage.

### Hazard class specific handling, storage and emergency response considerations

- Class 1 – Explosives
- Class 2 – Gasses
- Class 3 – Flammable liquids
- Class 4 – Flammable solids
- Class 5 - Oxidizers and organic peroxides
- Class 6 – Toxic and infectious substances
- Class 7 – Radioactive material
- Class 8 – Corrosive material

## Each learner will receive

- A learner workbook including progress quizzes
- Logbook and checklist example templates
- A portfolio of evidence of practical and theoretical evaluations

## Assessment methods

We conduct a formative theoretical assessment at the beginning of the course to gauge the learner's initial understanding (novices only). At the end of the training, a summative theoretical, as well as a practical application assessment is conducted, and the learner is found competent, and if not, additional developmental areas are identified and suggested.