



## COURSE PROFILE

### COURSE IN GHS SAFETY DATA SHEETS & LABELS (Australia & New Zealand)

**P-E COURSE CODE:**

TROHS 008 - AUSNZ

**OUTLINE:**

Participants will be instructed and coached during practical workshop exercises on the classification of Hazardous Chemicals using the GHS approach according to Australian Work Health & Safety (WHS) / Safe Work Australia (SWA) GHS and New Zealand EPA (HSNO) criteria. Suitable for Chemists, WH&S/OH&S and Regulatory Compliance staff, and others interested in meeting these requirements.

**PRE-REQUISITES:**

There are no pre-requisites, however, tertiary qualifications in chemistry, WH&S or OH&S would be an advantage, and participants will find it useful if they have some prior knowledge of the current relevant Legislation, Codes of Practice and Guidance material including:

**Australia:**

- *Classifying hazardous chemicals - National guide (Safe Work Australia)*
- *Code of Practice - Preparation of Safety Data Sheets for Hazardous Chemicals (Safe Work Australia)*
- *Code of Practice – Labelling of Workplace Hazardous Chemicals (Safe Work Australia)*
- *Globally Harmonised System of Classification and Labelling of Chemicals (GHS) (United Nations) GHS, 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup>, 6<sup>th</sup> or 7<sup>th</sup> revised editions (The Purple Book)*
- *Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG)*
- *Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)*

**New Zealand:**

- *User Guide to the HSNO Thresholds and Classifications (NZ EPA)*
- *Labelling of Hazardous Substances TECHNICAL GUIDE (NZ EPA)*
- *Assigning a Product to a HSNO Approval (NZ EPA)*
- *Hazardous Substances (Classification) Notice 2017*
- *Hazardous Substances (Safety Data Sheets) Notice 2017*
- *Hazardous Substances (Labelling) Notice 2017*
- *NZS 5433:2020 Transport of dangerous goods on land*

and their own company's SDS management system.

**DURATION:**

18 hours (over three days)

This course is usually delivered as in-house classroom-based workshops for small groups  
(including remotely via TEAMS or ZOOM).

**HAZCOM GHS**

P-E HANDLEY-WALKER PTY. LTD.

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AIDGC No. 074



Exemplar  
Global

## CONTENT:

- Legislative Overview (Australia and New Zealand)
  - Changes under GHS 7
  - Safe Work Australia – Workplace Exposure Standards (WES) review
- Introduction to the GHS
- Classification and hazard communication - “old” systems in use
- The GHS – what it is, why it was developed, what it aims to do, what are its benefits.
- The GHS and the WHS Regulations – Scope and Application
- How does the GHS work
- GHS Hazard Class and Categories
- Hazard communication
- Labelling and Safety Data Sheets
- Signal words, pictograms, hazard statements, precautionary statements
- Examples SDS and labelling for Australia (WHS) and New Zealand (HSNO)
- Summary of the SDS and label requirements
- Classification of Hazardous Chemicals / Hazardous Substances to GHS under WHS / HSNO criteria
- Classification of Dangerous Goods (ADG / NZS 5433 / IATA / IMDG) and Scheduled Poisons (SUSMP)
- Practical exercises in substance classification, SDS and Label preparation, group reviews covering:
  - GHS classification of substances and mixtures, acute toxicity estimates and bridging principles.
  - Poisons Standard (SUSMP) and assignment of Poisons Schedules.
  - Assignment of DG Classifications/Divisions/Packing Groups.
  - Practical GHS classification exercises for the:
    - re-classification of chemicals from Approved Criteria / DG classifications – substances and mixtures
    - classification of mixtures where acute toxicity test data are available for the complete mixture
    - classification of mixtures where acute toxicity test data are not available for the complete mixture: bridging principles
    - classification of mixtures specific to the participant group (by prior arrangement)

**NOTE:** This course will not cover the following topics:

- Epidemiological assessments, weight of evidence classifications or interpreting data from animal or other studies to obtain a classification.
- Dangerous Goods of *Division 6.2 Infectious Substances* and *Class 7 Radioactive Material*. These are not covered by GHS classification criteria, but by ADG Code / NZS 5433 classification and labelling criteria.

## LEARNING OUTCOMES:

At the conclusion of the workshop, participants should be able to:

- Describe the legislative requirements of chemical management in the workplace
- Describe and identify Hazardous Chemicals, Dangerous Goods and Scheduled Poisons
- Describe the potential effects of chemicals on employees, the workplace and the environment
- Identify and interpret key safety information and terms within Safety Data Sheets and Product labels to enable safe use, storage, handling, transport and disposal of chemicals in the workplace
- Re-classify chemicals which have a classification under the older Regulatory frameworks to the requirements of the GHS under the current WHS/OHS and HSNO legislation.
- Classify Hazardous Chemicals/Hazardous Substances, Dangerous Goods, and Scheduled Poisons, and use this information for writing and reviewing SDS and labels according to Safe Work Australia (WHS/GHS) criteria and NZ EPA (HSNO) criteria

**TRAINING STRATEGIES:**

- Group facilitation
- Group discussions
- Example of classifications and labels
- Exercises in subgroups

**TRAINING MATERIALS:**

- PowerPoint presentation
- Course manual/notes
- Handouts
- Exercise materials

**FEES AND HOW TO APPLY:****Contact:**

Phone or email William Ray on 0412 439 334 or [will@p-handley-walker.net.au](mailto:will@p-handley-walker.net.au)  
Enrolment forms and Policies are available at [www.p-handley-walker.net.au](http://www.p-handley-walker.net.au)

**In-house courses:**

Phone us to discuss your in-house training requirements and request a quotation.

**Payment Terms:**

Payment must be received in full no later than 10 business days before date of course commencement. Payments should be made directly into our Australian bank account as per our invoice.

**Refund Policy:** Full refund is available for cancellations received in writing at least 7 business days before the course date for face-to-face learning, or if the course is cancelled by P-E Handley-Walker students will be offered a place at the next scheduled course or a full refund.

**CERTIFICATE:**

A Certificate of Attendance will be issued following completion of the Workshop

**FACILITATOR:**

William Ray, Principle Consultant, HAZCOM GHS (P-E Handley-Walker Pty Ltd)  
MRACI C Chem, MAIDGC, Dip OHS, Dip QA, Dip Mgt,

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