

Title	Demonstrate knowledge of hazardous substances relevant to Certified Handlers		
Level	5	Credits	6

Purpose	<p>This unit standard is for people preparing for, and intend to apply for, Certified Handler certification under the Health and Safety at Work (Hazardous Substances) Regulations 2017.</p> <p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – Describe requirements relevant for a Certified Handler; – Demonstrate knowledge of hazardous substances relevant to the candidate's role; and – Describe emergency procedures involving hazardous substances relevant to the candidate's role.
----------------	---

Classification	Occupational Health and Safety > Hazardous Substances and Materials
-----------------------	---

Available grade	Achieved
------------------------	----------

Prerequisites	Unit 31290, <i>Demonstrate knowledge of the safe management and potential adverse effects of hazardous substances in the workplace</i> , or demonstrate equivalent knowledge and skills.
----------------------	--

Guidance information

- 1 Achievement of this unit standard alone does not qualify a person as a hazardous substances Certified Handler. Candidates wishing to be certified as a hazardous substances Certified Handler will be required to undertake additional industry specific training required by regulation for the particular hazardous substances and equipment they will be working with.
- 2 Legislation
 - Hazardous Substances and New Organisms (HSNO) Act 1996;
 - Hazardous Substances (Classification) Notice 2017;
 - Hazardous Substances (Disposal) Notice 2017;
 - Hazardous Substances (Hazardous Property Controls) Notice 2017;
 - Health and Safety at Work Act 2015;
 - Health and Safety at Work (General Risk and Workplace Management) Regulations 2016;
 - Health and Safety at Work (Hazardous Substances) Regulations 2017;
 - Resource Management Act 1991;
 - and any subsequent amendments and replacements.

3 References

NZS 8409:2004 Management of agrichemicals;
WorkSafe Quick Guide – Certified handler requirements;
WorkSafe Quick Guide – Information, training and instruction for workers handling hazardous substances;
WorkSafe Quick Guide – Labelling, decanting and repackaging hazardous substances in the workplace;
WorkSafe Quick Guide – Safety data sheets (SDS) in the workplace;
WorkSafe Quick Guide – Storing class 6 & 8 substances;
Your Practical Guide – Working Safely with Hazardous Substances, Wellington;
WorkSafe New Zealand (2015), part of The Hazardous Substances Toolbox.
<https://www.hazardoussubstances.govt.nz/guide>.

4 Definitions

Certified Handler – person who holds a compliance certificate that certifies that the person meets the competency requirements for handling highly hazardous substances (such as most explosives, fumigants, and vertebrate toxic agents), and acutely toxic substances (class 6.1A and 6.1B).

Hazardous substance – is as defined in the Hazardous Substances and New Organisms Act 1996.

PCBU – Person Conducting a Business or Undertaking, and as defined in the Health and Safety at Work Act 2015.

SDS – safety data sheet or sheets and may include a condensed version, such as a product safety card.

5 Range

Assessment must include the hazardous substance(s) that the candidate is seeking certification for as Certified Handler.

6 Recommended Unit 21563: *Demonstrate understanding of the legislation, regulations and standards for the use of agrichemicals.*

7 Assessment

Must be in relation to an actual workplace where hazardous substances are present and in relation to the candidate's role in or at that workplace. Where these conditions cannot be achieved, evidence may be from realistic scenarios or simulation (where it is not practical to carry out emergency procedures).

Outcomes and performance criteria

Outcome 1

Describe requirements relevant for a Certified Handler.

Performance Criteria

- 1.1 Describe requirements imposed by the Health and Safety at Work (Hazardous Substances) Regulations 2017, in relation to the hazardous substances relevant to the candidate's role.
- Range record of application, securing substances, licensing, transport restrictions, exposure standards and limits, storage, tracking, disposal;
may include but is not limited to – signage, antifouling paints, restricted entry intervals, secondary containment, notification, fumigation operations, buffer zones.
- 1.2 Describe requirements that are imposed under the HSNO Act in relation to the hazardous substances relevant to the candidate's role.
- Range controls, EPA notices, disposal;
may include but is not limited to – site and storage controls on ecotoxic substances, use of ecotoxic substances.
- 1.3 Describe conditions and limitations of a Certified Handler's compliance certificate in relation to the hazardous substances relevant to the candidate's role.
- 1.4 Describe any requirements specified in a relevant safe work instrument.
- Range types of requirements may include but is not limited to – variations of requirements, additional requirements, and alternative means of compliance with requirements.

Outcome 2

Demonstrate knowledge of hazardous substances relevant to the candidate's role.

Performance criteria

- 2.1 Describe the hazard classifications, properties, and adverse effects of the hazardous substances relevant to the candidate's role.
- Range may include but is not limited to – explosive substances, toxic substances, fumigants, vertebrate toxic agents.
- 2.2 Describe the precautions required to prevent the adverse effects of substances relevant to the candidate's role.
- Range may include but is not limited to – SDS, product safety cards, regulations, safe work instruments, EPA notices.
- 2.3 Describe the procedures, plant and equipment (including personal protective equipment) necessary to manage the hazardous substances relevant to the candidate's role.

Outcome 3

Describe emergency procedures involving hazardous substances relevant to the candidate's role.

Performance criteria

- 3.1 Describe one's role in their workplace emergency response plan.
- Range includes actions and sequence of actions; may include but is not limited to – preparation, testing, reviewing, implementing.
- 3.2 Describe equipment and information resources available to respond to an emergency.
- 3.3 Describe procedures and actions required to test and maintain equipment and information resources.
- Range may include – Chemical Emergency Advice services, Dangerous Goods Declarations, mutual aid agreements, emergency response plan, Command and Control framework, Coordinated Incident Management System roles, spill kits, SDS, gas detectors, chemical rescue suits, personal protective equipment, emergency shower routine test regime.
- 3.4 Explain selection of, and procedures for contact, advice, and notification in an emergency.
- Range may include but is not limited to – National Poison Centre, 0800 CHEMCALL, emergency services, or commercial providers – as appropriate to the scenario.

Replacement information	This unit standard replaced unit standard 18412 and unit standard 20645.
--------------------------------	--

Planned review date	31 December 2023
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 July 2018	N/A

Consent and Moderation Requirements (CMR) reference	0121
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact The Skills Organisation reviewcomments@skills.org.nz if you wish to suggest changes to the content of this unit standard.