

Unit of Competency

CPPFES2043 Apply regulations to prevent ozone depleting substance and synthetic greenhouse gas emissions

Modification history

Release	Comments
1	Supersedes and is equivalent to CPPFES2043A Prevent ozone depleting substance and synthetic greenhouse gas emissions. Unit updated to meet the Standards for Training Packages 2012. Minor title change. This version first released with CPP Property Services Training Package Release 13.0.

Application

This unit of competency specifies the skills and knowledge required to apply regulations and industry licensing requirements to the use of ozone depleting substances (ODS) and synthetic greenhouse gases (SGG) extinguishing agents to prevent emissions that cause ozone layer depletion and climate change.

The unit is suitable for those with basic skills and knowledge undertaking routine work tasks under the direction of more experienced workers.

ODS and SGG are gaseous fire-extinguishing agents listed in Schedule 1 of the Ozone Protection and Synthetic Greenhouse Gas Management Act 1989 and by law, can only be handled by people who hold an appropriate extinguishing agent handling licence (EAHL). This unit supports one or more EAHLs prescribed under the Act. For further information, check with the relevant regulatory authority.

Unit Sector

Fire Protection Inspection and Testing

Elements and Performance Criteria

1. Apply regulatory requirements to use of ODS and SGG extinguishing agents.	1.1 Read work instructions to clarify planned use of ODS and SGG extinguishing agents. 1.2 Identify compliance requirements of relevant regulations and check against work instructions to identify potential and actual breaches of ODS and SGG regulations. 1.3 Record and report identified regulatory non-compliances to prevent ODS and SGG emissions.
2. Identify ODS and SGG handling licences, trading authorisations and usage permits.	2.1 Identify types of ODS and SGG extinguishing agents used in the fire protection industry. 2.2 Identify types and requirements of ODS and SGG EAHLs and licensee entitlements. 2.3 Identify extinguishant trading authorisations. 2.4 Identify halon special permit usage requirements. 2.5 Apply requirements of ODS and SGG handling licences, trading authorisations and usage permits to work instructions to ensure compliance.
3. Apply understanding of ozone layer	3.1 Use information technology to access and assess information to identify the basic role and functions of the ozone layer.

depletion and global warming.	<p>3.2 Identify the main factors involved with, and effects of, global warming.</p> <p>3.3 Identify the major effects of ozone depletion and climate change on human health and the environment.</p> <p>3.4 Identify the impact of ODS and SGG emissions on the ozone layer and climate change.</p> <p>3.5 Identify common ODS and SGG work practices in the fire protection industry and propose improvements to reduce the risk of accidental emissions.</p>
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Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to CPPFES2043A Prevent ozone depleting substance and synthetic greenhouse gas emissions.

Links

Companion Volume Implementation Guide:

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>

Assessment Requirements for CPPFES2043 Apply regulations to prevent ozone depleting substance and synthetic greenhouse gas emissions

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Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by applying regulations to prevent ozone depleting substance (ODS) and synthetic greenhouse gases (SGG) emissions, including:

- reviewing two different sets of work instructions associated with ODS and SGG agent extinguishers or systems, or both, and documenting requirements for the extinguishing agent handling licence (EAHL) holder undertaking those duties
- proposing two improvements to ODS and SGG work practices to reduce the risk of accidental emissions.

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- actions to take when potential and actual breaches of regulations, work health and safety (WHS) or other policy are identified when applying regulations to prevent ODS and SGG emissions
- compliance requirements of relevant regulations, licensing, agreements, protocols, fire protection industry codes of practice and Australian Standards associated with the use of ODS and SGG extinguishing agents:
 - environmental protection
 - EAHL types, associated responsibilities, usage permits and trading authorisations
 - ODS and SGG legal requirements for handling and trading in extinguishing agents in the fire protection industry
- effects of:
 - ODS and SGG emissions on ozone layer depletion and climate change
 - ozone layer depletion and climate change on the environment and human health
- implications of not applying ODS and SGG regulations to work practices
- key factors involved in climate change
- role and function of the ozone layer
- workplace requirements for preventing ODS and SGG emissions:
 - use of ODS and SGG extinguishing agents
 - WHS.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

Assessment must be conducted in the workplace or a simulated workplace using realistic conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Candidates must have access to technologies, work instructions, documentation and other information required to achieve the performance evidence.

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