



Australian Government

Department of Education, Employment and Workplace Relations

HLTGM206D Operate an incinerator

Release: 1

HLTGM206D Operate an incinerator

Modification History

HLT07 Version 4	HLT07 Version 5	Comments
HLTGM206C Operate an incinerator	HLTGM206D Operate an incinerator	ISC upgrade changes to remove references to old OHS legislation and replace with references to new WHS legislation. No change to competency outcome.

Unit Descriptor

Descriptor

This unit of competency describes the skills and knowledge required to correctly and safely operate an incinerator

This unit of competency applies to health facilities with incinerators in operation

Application of the Unit

Application

Work performed requires a range of well developed skills where some discretion and judgement is required. Individuals will take responsibility for their own outputs and may participate in work teams

Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Not Applicable

Employability Skills Information

Employability Skills

This unit contains Employability Skills

Elements and Performance Criteria Pre-Content

Elements define the essential outcomes of a unit of competency.

The Performance Criteria specify the level of performance required to demonstrate achievement of the Element. Terms in italics are elaborated in the Range Statement.

Elements and Performance Criteria

ELEMENT

PERFORMANCE CRITERIA

1. Prepare incinerator for operation

- 1.1 Check the incinerator for any maintenance requirements
- 1.2 Check the components of the incinerator for correct functioning
- 1.3 Determine potential environmental risks associated with incinerator operations

2. Prepare waste for incineration

- 2.1 Use appropriate *personal protective equipment*
- 2.2 Check waste, where possible, for products that should not be placed into an incinerator
- 2.3 Identify waste for incineration and place in incinerator according to organisation policies and procedures

ELEMENT**PERFORMANCE CRITERIA****3. Operate incinerator**

- 3.1 Activate incinerator according to manufacturer/supplier instructions
- 3.2 Use appropriate timeframes before placing waste into the incinerator according to manufacturer/supplier instructions
- 3.3 Load appropriate waste into incinerator
- 3.4 Identify and rectify problems with waste incineration
- 3.5 Complete appropriate documentation where required according to organisation policies and procedures
- 3.6 Shut down the incinerator according to manufacturer/supplier instructions
- 3.7 Take and document environmental measurements according to *state and local government regulations*
- 3.8 Notify the appropriate person(s) of any breaches of environmental measures or operating policy

4. Dispose of incinerator waste

- 4.1 Dispose of waste from the incinerator according to state and local regulations

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This describes the essential skills and knowledge and their level required for this unit.

Essential knowledge:

The candidate must be able to demonstrate essential knowledge required to effectively do the task outlined in elements and performance criteria of this unit, manage the task and manage contingencies in the context of the identified work role

This includes knowledge of:

- Manufacturers' recommendations for incinerator operation

REQUIRED SKILLS AND KNOWLEDGE

- Safe operation of incinerator
- Types and purpose of personal protective equipment
- Waste handling policies
- Waste storage requirements
- Workplace and equipment safety requirements

Essential skills:

It is critical that the candidate demonstrate the ability to

- Safely and effectively operate an incinerator
- Comply with work health and safety (WHS) regulations applicable to workplace operations
- Apply knowledge of waste appropriate for incinerator
- Correctly and safely handle waste

In addition, the candidate must be able to effectively do the task outlined in elements and performance criteria of this unit, manage the task and manage contingencies in the context of the identified work role

This includes the ability to:

- Apply documentation skills
- Apply problem solving skills - the ability to use available resources and prioritise workload
- Demonstrate safe and efficient handling of waste
- Take into account opportunities to address waste minimisation, environmental responsibility and sustainable practice issues, including appropriate practices to ensure efficient use of resources
- Use literacy, numeracy and oral communication skills required to fulfil the position in a safe manner as specified by the health care facility
- Work safely to instructions

Evidence Guide

EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the

EVIDENCE GUIDE

Assessment Guidelines for this Training Package.

Critical aspects for assessment and evidence required to demonstrate this competency unit:

- The individual being assessed must provide evidence of specified essential knowledge as well as skills
- Consistency of performance should be demonstrated over the required range of workplace situations

Context of and specific resources for assessment:

- Assessment should replicate workplace conditions as far as possible
- Simulations may be used to represent workplace conditions as closely as possible
- Where, for reasons of safety, access to equipment and resources and space, assessment takes place away from the workplace, simulations should be used to represent workplace conditions as closely as possible
- Resources essential for assessment include:
 - Workplace health and safety policies
 - Relevant State and local environmental legislation and regulations
 - Maintenance policy and procedures
 - Job descriptions
 - General tools and materials relevant to incinerator maintenance process
 - Suitable work area appropriate to incinerator maintenance process

Method of assessment

- Observation in the work place (if possible)
- Written assignments/projects
- Case study and scenario as a basis for discussion of issues and strategies to contribute to best practice.
- Questioning
- Role play simulation

EVIDENCE GUIDE

- Access and equity considerations:*
- All workers in the health industry should be aware of access and equity issues in relation to their own area of work
 - All workers should develop their ability to work in a culturally diverse environment
 - In recognition of particular health issues facing Aboriginal and Torres Strait Islander communities, workers should be aware of cultural, historical and current issues impacting on health of Aboriginal and Torres Strait Islander people
 - Assessors and trainers must take into account relevant access and equity issues, in particular relating to factors impacting on health of Aboriginal and/or Torres Strait Islander clients and communities

Range Statement

RANGE STATEMENT

The Range Statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Add any essential operating conditions that may be present with training and assessment depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts.

State and local government regulations may include:

- Environmental protection agency guidelines
- Council regulations
- Pollution regulations
- Incinerator license conditions
- Emission standards
- Temperature standards
- Waste storage regulations

RANGE STATEMENT

Waste appropriate for incineration may include:

- General paper and cardboard refuse
- Clinical waste
- Other waste according to organisation policies

Personal protective equipment may include, but is not limited to:

- Overalls
- Face shields
- Heavy duty gloves
- Footwear

Unit Sector(s)

Not Applicable