

Operator Competence Scheme

CIWM (WAMITAB) Level 4 Operator Competence for Managing Thermal Treatment Facilities (Autoclaving, Pyrolysis and Gasification)

About this qualification

This qualification is part of the CIWM (WAMITAB) Operator Competence Scheme and is designed to provide technically competent people with the knowledge and skills to ensure waste sites comply with either:

- Environmental Permitting Regulations (England and Wales) 2007
- The Waste Management Licensing (Amendment) Regulations (Northern Ireland) 2015

Achievement of this qualification demonstrates competence by the learner to manage permitted waste facilities in England, Wales, and Northern Ireland for the following activities:

- Autoclaving
- Pyrolysis and Gasification

Who is it for?

- Technically competent managers (TCM)
- Consultants
- Site managers and supervisors

How is this qualification delivered?

This qualification is assessed in the workplace via portfolio of evidence.

What does this qualification cover?

To achieve this qualification, learners will need to complete the mandatory units, before selecting a pathway.

The mandatory units cover topics like:

- Maintain health and safety in the waste and resource management industry
- Manage the environmental impact of work activities
- Manage the movement, sorting and storage of waste
- Control work activities on a waste management facility
- Identify and implement improvements to waste management operations

- Control maintenance and other engineering operations
- Procedural compliance
- Manage and maintain systems for responding to emergencies
- Manage an inspection visit at your site from regulatory bodies
- security.

What are the entry requirements of this qualification?

This qualification is open entry. This means that learners interested in undertaking the CIWM (WAMITAB) Level 4 Operator Competence for Managing Thermal Treatment Facilities (autoclaving, pyrolysis, and gasification) do not require any other qualifications or levels of attainment. However, learners will need to be employed in a suitable position, or have access to the working environment, as the qualification is assessed 'on the job'.

What job role could this qualification lead to or support?

This qualification is ideal for new or experienced people managing waste and resource management operations that require evidence of their competence, knowledge, and skills to ensure waste sites comply with the relevant legislation in England, Wales or Northern Ireland.

What next?

Once you have achieved your Operator Competence qualification, you will be required to pass a Continuing Competence assessment every two years if you wish to act as the recognised technically competent manager (TCM) on a waste site. All TCM's must be able to demonstrate that they have kept their knowledge and skills up to date. (**Please note:** in Northern Ireland specific Continuing Competence arrangements have still to be determined).

You can also [become a CIWM member](#) and access an array of benefits tailored not only to provide you with all the tools you need to expand your knowledge, but also to boost your career.

General Information

Guided Learning Hours: 68* *this is the amount of time the average learner is expected to spend in supervised learning and practice, but may vary by learner

Total Qualification Time: 189* *this is the guided learning hours, plus the amount of time the average learner will spend in unsupervised practice and study, but may vary by learner

Ofqual Number: 601/8620/3

CIWM Code: AOC01a, AOC01b, AOC01c, AOC01d

Assessment: Portfolio of evidence

Specimen Assessment Materials: None available for this qualification.

Languages: Qualification materials are available from CIWM in English

Available in the following countries: England, Northern Ireland, and Scotland

Qualification Structure

Mandatory Units

To achieve this qualification, learners must complete the Mandatory Units.

Ofqual Code	Title	Level	CIWM Unit Code
A/508/0756	Maintain health and safety in the waste and resource management industry	4	OCS01
F/508/0757	Manage the environmental impact of work activities	4	OCS02
F/508/0760	Manage the movement, sorting and storage of waste	4	OCS05
R/508/0861	Control work activities on a waste management facility	4	OCS06
K/508/0882	Identify and implement improvements to waste management operations	4	OCS07
M/508/0883	Control maintenance and other engineering operations	4	OCS08
T/508/0884	Procedural compliance	4	OCS09
A/508/0885	Manage and maintain systems for responding to emergencies	4	OCS10
Y/508/0974	Manage an inspection visit at your site from regulatory bodies	4	OCS65

Pyrolysis and Gasification Hazardous Waste Pathway – AOC01a

Mandatory Unit Group

Learners that select this pathway must complete all of the units from the following group:

Ofqual Code	Title	Level	CIWM Unit Code
F/508/0886	Manage the reception of hazardous waste	4	OCS11
A/508/0997	Manage site operations at a gasification and pyrolysis waste thermal treatment facility	4	OCS54
K/508/0994	Manage transfer and disposal from hazardous waste thermal treatment operations	4	OCS56

Autoclaving Hazardous Waste Pathway – AOC01b

Mandatory Unit Group

Ofqual Code	Title	Level	CIWM Unit Code
F/508/0886	Manage the reception of hazardous waste	4	OCS11
T/508/0996	Manage site operations at an autoclaving waste thermal treatment facility	4	OCS55
K/508/0994	Manage transfer and disposal from hazardous waste thermal treatment operations	4	OCS56

Pyrolysis and Gasification Non-Hazardous Waste Pathway – AOC01c

Mandatory Unit Group

Ofqual Code	Title	Level	CIWM Unit Code
J/508/0887	Manage the reception of non-hazardous waste	3	OCS12
A/508/0997	Manage site operations at a gasification and pyrolysis waste thermal treatment facility	4	OCS54
D/508/0989	Manage transfer and disposal from non-hazardous waste thermal treatment operations	4	OCS58

Autoclaving Non-Hazardous Waste Pathway – AOC01d

Mandatory Unit Group

Ofqual Code	Title	Level	CIWM Unit Code
J/508/0887	Manage the reception of non-hazardous waste	3	OCS12
T/508/0996	Manage site operations at an autoclaving waste thermal treatment facility	4	OCS55
D/508/0989	Manage transfer and disposal from non-hazardous waste thermal treatment operations	4	OCS58

Hierarchy

The following qualifications are applicable to this activity:

Current (Hazardous Waste Pathway):

- CIWM (WAMITAB) Level 4 Operator Competence for Managing Thermal Treatment Facilities (AOC01)

Previous:

- 4MTTHPG
- 4MTTHA
- 4MTTNHPG
- 4MTTNHA