



WAMITAB Level 2 Diploma for Anaerobic Digestion Operatives

About this qualification

This qualification confirms occupational competence for operatives working within anaerobic digestion plants. Tailored to the specific requirements for operatives of Anaerobic Digestion technology, this qualification is focused on the effective, safe and environmentally aware operation of this emerging technology.

Who is it for?

- New entrants to the industry
- Long-term unemployed who wish to retrain
- Operatives
- Experienced workers that want evidence of their skills

What does this course cover?

To achieve this qualification, learners must complete a minimum of 45 credits. Learners will achieve 37 credits from the 8 mandatory units designed to ensure that learners:

- Comply with health and safety procedures
- Promote good practice
- Communicate and work as a team
- Process received waste
- Maintain biosecurity and personal hygiene
- Carry out emergency procedures
- Maintain the security of facilities and equipment

Learner will then need to gain a further 8 credits from 4 units in the option group. These units cover a wide range of relevant topics, including:

- Receiving, sorting and preparing recyclables
- Operating and shutting down the processing plant
- Maintaining the quality of treatment processes
- Receive, store and handle waste processing chemicals, reagents and other consumables in an energy and utilities environment
- Carry out routine checks on plant and equipment used in recycling





What are the entry requirements of this qualification?

This qualification is open entry. This means that learners interested in undertaking the WAMITAB Level 2 Diploma for Anaerobic Digestion Operatives do not require any other qualifications or levels of attainment in order to take this qualification.

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 people seeking entry to the waste and resource management industry, or those who are already working and require evidence of their competence. It is a specific qualification supporting job roles for Anaerobic Digestion Technologies – these job roles include:

- AD plant operator
- AD feedstock manager
- AD plant technician
- AD plant manager

This qualification will support the industry to overcome significant skills gaps as nearly one in five members of the workforce (18%) has no qualifications (UKCES, 2012). Demand for waste operatives with anaerobic digestion qualifications is set to increase over the next decade as the disposal of food and farm waste becomes a more high profile issue – the UK reached a significant milestone in 2013 with 100 AD plants outside the water industry (Resource, 2013).

What are the opportunities for progression to further learning?

Learners that are interested in advancing their careers through further education can go onto study several qualifications at a higher level, including:

- Level 3 Certificate in Principles of Sustainable Resource Management
- Level 3 Diploma for Sustainable Recycling Activities (supervisory)
- Level 3 Diploma for Waste Supervisor
- Level 4 Diploma for Waste Manager

General Information

Guided Learning Hours: 80* *this is the amount of time the average learner is expected to spend in supervised learning and practice, but may vary by learner

Maximum Total Qualification Time: 150*

Credits: 45

Ofqual Number: 600/8140/5

WAMITAB Code: ADO2

Assessment: Portfolio of evidence

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



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Mandatory Group A

Title	Level	Credits	WAMITAB Unit Code
Comply with health and safety processes and procedures in the workplace	2	3	RA2.1
Promote sustainability and environmental good practice in the industry	3	10	RA2.2
Develop personal performance	2	3	RA2.3
Develop relationships with colleagues and others	2	4	RA2.4
Process received waste	1	7	WO19
Maintain biosecurity and personal hygiene on anaerobic digestion plants in an energy and utilities environment	2	2	WM80
Carry out emergency procedures in an energy and utilities environment	3	5	WM81
Maintain the security of facilities and equipment used for recycling activities	2	3	RA2.18

Optional Group B

Title	Level	Credits	WAMITAB Unit Code
Control vehicle movements on recycling site	2	6	RA2.17
Control the reception of recyclables and other materials	2	6	RA2.9
Sort and prepare recyclables and other materials	3	6	RA2.10
Use mechanical handling equipment in the recycling industry	3	7	RA2.5
Manual handling, lifting and moving of loads in a waste environment	1	2	WO38
Control the handover of recyclables and other materials	2	4	RA2.8
Carry out routine checks on plant and equipment used in recycling	2	3	RA2.15
Prepare plant and equipment for processing recyclables and other materials	1	3	RA1.13
Operate and shut down processing plant	2	7	RA1.14
Operate programmable processes	1	2	WM82
Adjust process equipment to meet operating requirements in an energy and utilities environment	2	4	WM83
Maintain the quality of treatment processes in an energy and utilities environment	3	9	WM84
Exchange responsibility for control of waste processing operations	1	5	WO27
Receive, store and handle waste processing chemicals, reagents and other consumables in an energy and utilities environment	2	6	WM85
Encourage recycling services through promotion	2	2	RA2.7
Work safely in confined spaces	2	2	EAL1