



AIMQUALIFICATIONS

Level 3 Certificate in Medical Equipment Technologies

Qualification Number: 601/2474/X

Qualification Overview

Title:	AIM Qualifications Level 3 Certificate in Medical Equipment Technologies
Qualification Number:	601/2474/X
Level:	Level 3
Credit Value:	15 credits
Guided Learning Hours:	103 hours
Total Qualification Time:	175 hours
Qualification Objective:	<p>This qualification is offers learners the opportunity to engage in a specific vocational area. Learners will gain knowledge and skills in the Medical Equipment Technology sector.</p> <p>The qualification provides opportunities for those already working in the Medical Equipment technologies sector to gain qualifications for roles they currently hold.</p>
Progression Routes:	This qualification can provide learners with the knowledge and skills needed to adapt existing skills and knowledge in engineering and develop new skills in the medical equipment technology industry.
Entry requirements:	Learners should hold a level 3 qualification in engineering or an engineering related subjects, or existing knowledge skills and understanding at this level in engineering or engineering related subjects, or previous experience of servicing, maintaining or repairing electrical equipment.
Assessment method(s):	Assessment is through a Portfolio of Evidence/Workbook.

How is the qualification assessed?

The assessment process is as follows:

Internal Assessment by Portfolio of Evidence

Where the assessment method for the qualification is by internally set assessments (Portfolio of Evidence), then centres are free to devise their own assessments for the qualification/unit.

- All assessments should be designed in such a way as to minimise the requirement for Reasonable Adjustments to be made.
- Centre devised assessments must allow learners to meet all of the requirements of the assessment criteria for each unit. Assessments must not require learners to produce evidence above and beyond that stipulated in the Assessment Criteria.
- Centres must then have these assessments approved by their IQA.

When devising assessments, centres may choose from a range of assessment methods but where assessment guidance is provided within a unit this must be adhered to unless otherwise agreed with Aim Qualifications.

Assessment methods must be valid, fair, reliable and safe leading to authentic, sufficient and current evidence produced by the candidate.

Holistic assessment is good practice wherever possible and permitted by the assessment strategy for the qualification if this exists.

Other guidance and sample documentation is available to recognised centres covering: planning assessment; recording achievement; planning, carrying out and documenting IQA.

Reasonable Adjustment and Special Considerations

Reasonable adjustments and Special Considerations are available for all assessments, irrespective of whether they are internally or externally set.

Where a learner or group of learners may not be able to access the assessment without Reasonable Adjustments, centres should ensure that they apply in good time for relevant reasonable adjustments to be made, using the AIM Qualifications [Reasonable Adjustments and Special Considerations Policy](#) which gives clear guidance on the reasonable adjustments and arrangements that can be made to take account of disability or learning difficulty without compromising the achievement of the assessment criteria.

Qualification size

About the RQF

The Regulated Qualifications Framework (RQF) provides a single, simple system for cataloguing all qualifications regulated by Ofqual. Qualifications are indexed by their level and size.

Levels indicate the difficulty and complexity of the knowledge and skills associated with any qualification. There are eight levels supported by three “entry levels”.

Size refers to the estimated total amount of time it could typically take to study and be assessed for a qualification. Size is expressed in term of Total Qualification Time (TQT). The part of the TQT spent being taught or supervised is known as Guided Learning Hours (GLH).

Guided Learning Hours (GLH)

GLH are defined as the time a learner spends being taught or instructed by – or otherwise participating in education or training under the immediate guidance or supervision of – a lecturer, supervisor, tutor or other appropriate provider of education or training. This includes guidance or supervision time:

- a) With the simultaneous physical presence of the learner and that person, or
- b) Remotely by means of simultaneous electronic communication.

It does not include the number of hours a learner spends in preparation, study or any other form of participation in education or training, including assessment, which takes place as directed by – but not under the immediate guidance or supervision of – a lecturer, supervisor, tutor or other appropriate provider of education or training.

Total Qualification Time (TQT)

TQT is comprised of the following two elements:

- a) The number of hours which an awarding organisation has assigned to a qualification for Guided Learning, and
- b) An estimate of the number of hours a learner will reasonably be likely to spend in preparation, study or other form of participation in education or training, including assessment, which takes place as directed by – but unlike Guided Learning, not under the immediate guidance or supervision of – a lecturer, supervisor, tutor or other appropriate provider of education or training.

Rules of Combination and level for this qualification

To achieve the AIM Qualifications Level 3 Certificate in Medical Equipment Technologies, learners must achieve **15** credits from the Mandatory unit group.

Mandatory Group M

Title	Level	Credit	GLH	TQT	Unit code	Unit reference number
Bio-Medical Equipment Electrical Safety Testing	3	1	8	21	XJ2/3/NQ/001	Y/505/9428
Health and Safety within Medical Equipment Technologies	3	2	16	27	XN1/3/NQ/001	D/505/9429
Medical Equipment Networking	3	3	20	30	PE1/3/NQ/001	H/615/3452
Servicing Anaesthetic and Ventilation Equipment	3	5	35	50	XN2/3/NQ/001	R/505/9430
Servicing Anaesthetic Equipment	3	3	20	30	XN2/3/NQ/002	Y/505/9431
Servicing Cardiovascular Equipment	3	3	20	30	XN2/3/NQ/003	D/505/9432
Servicing Dental Equipment	3	3	20	30	XN2/3/NQ/004	H/505/9433
Servicing Electro-Mechanical Assistive Equipment	3	1	9	20	XN2/3/NQ/005	M/505/9435
Servicing Medical Imaging Equipment	3	3	20	30	XN2/3/NQ/011	L/506/0432
Servicing Medical Therapeutic Equipment	3	3	20	37	XN2/3/NQ/012	F/506/0430
Servicing Operating Theatre and Surgical Equipment		3	20	30	XN2/3/NQ/032	F/508/4520
Servicing Patient Beds, Trolleys, and Operating Tables	3	6	32	60	XN2/3/NQ/033	L/615/7107

Servicing Physiological Monitoring and Infusion Equipment	3	3	20	30	XN2/3/NQ/009	Y/505/9445
Servicing Ventilation Equipment	3	3	20	30	XN2/3/NQ/014	Y/506/0434

Level Descriptors

Units are assigned a level based on current RQF guidance issued by Ofqual.

Level	Knowledge Descriptor (the holder...)	Skills Descriptor (the holder can...)
Level 3	<p>Has factual, procedural and theoretical knowledge and understanding of a subject or field of work to complete tasks that while well-defined, may be complex and non-routine.</p> <p>Can interpret and evaluate relevant information and ideas.</p> <p>Is aware of the nature of the area of study or work.</p> <p>Is aware of different perspectives or approaches within the area of study or work.</p>	<p>Identify, select and use appropriate cognitive and practical skills, methods and procedures to address problems that while well-defined, may be complex and non-routine.</p> <p>Use appropriate investigation to inform actions.</p> <p>Review how effective methods and actions have been.</p>

Extracted from 'After the QCF A New Qualification Framework' October 2015

Requirements to deliver the qualification

To offer this qualification, centres must ensure that tutors: hold or are working towards:

- hold a HND or equivalent level qualification in Engineering or Electrical Engineering and have experience of working in a clinical engineering setting;
- Have up to date knowledge of current medical practice;
- Have access to physical resources and medical devices that are relevant and fit for purpose.

Support for centres

AIM Qualifications provide all of our centres with on-going support and advice on the use of AIM Qualifications units and qualifications, including the requirements for assessment.

Centre responsibilities

Each centre should identify a centre contact who will be responsible for:

- ensuring that the centre meets all the AIM Qualifications requirements for centre recognition and adheres to all [policies and procedures](#).
- AIM Qualifications provision within the centre
- ensuring all procedures relating to the delivery of the qualification operate effectively in the centre
- ensuring all relevant AIM Qualifications documentation is distributed as required within the centre and that the security requirements for external assessment are adhered to, where applicable.

The information provided in this qualification specification is accurate at the time of publication but is subject to change. AIM Qualifications will occasionally update qualification information, so please refer to the 'AIM Qualifications' page of our website to view any updates, including qualification end dates and the latest versions of our qualification specifications.

AIM Qualifications
Aldersley House
Overstrand
Pendeford Business Park
Wolverhampton
WV9 5HA
Tel: (01902) 624230

Office Hours:
Monday to Thursday - 9.00 am to 5.00 pm
Friday - 9.00 am to 4.00 pm

0 1 9 0 2 6 2 4 2 3 0