



Part of the
Enginuity Group

Curriculum Planning

Guide 2025



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About EAL

1. Introduction

EAL is the specialist Awarding Organisation, End Point Assessment Organisation and skills partner for the UK's engineering, and manufacturing industries. We work with industry experts to design and maintain our wide range of Engineering & Manufacturing and Building Services Engineering qualifications. We're dedicated to ensuring people and employers have the right skills at the right time to keep up with evolving industry needs, new technologies, and the net-zero transition.

Our qualifications are fine-tuned to the needs of our sectors and are used in schools, academies, colleges, universities, private training facilities, and workplaces across the UK. Over the past decade, 1.3 million people have embarked on an EAL course.

2. Support with reforms

To ensure the continuity of funded routes into employment or progression for learners in the Engineering & Manufacturing and Building Services Engineering sectors, we have made a significant investment in developing new qualifications.

Information on our new funded qualifications in response to the reforms is contained in this Curriculum Planning Guide. A list of these qualifications is also available on the [Qualification reform in England](#) page of our website (www.eal.org.uk), along with resources and events to support our valued centres in England through these changes.

Finally, don't forget to sign up to [EAL's Spotlight newsletter](#) for updates, or for sector-specific qualification updates and news, you can sign up to [Building Services Engineering](#) or [Engineering and Manufacturing](#) mailing lists.

We also have a Building Services [LinkedIn group](#).

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3. Popular full-time qualifications in England

Dedicated to delivering support to our valued providers across England.

EAL offers a comprehensive range of Engineering & Manufacturing and Construction & Building Service Engineering qualifications including NVQs, VRQs for Apprenticeships, and qualifications aligned to Apprenticeship Standards.

In this section you will find some of the most popular qualifications in EAL's offer for 16 to 19 year olds.

Note that the list is subject to change. Official funding sources should always be checked to ensure that the information in this brochure is current.

EAL's Engineering & Manufacturing offer in England

Level 1 Offer

Qualification Title	QAN	GLH
EAL Level 1 Award in Engineering Technologies*	601/5657/0	80
EAL Level 1 Certificate in Engineering Technologies*	601/5658/2	160
EAL Level 1 Diploma in Engineering Technologies*	601/5659/4	360
EAL Level 1 NVQ Certificate in Performing Engineering Operations	600/8229/X	160
EAL Level 1 Award in Engineering & Manufacture	600/6002/5	80
EAL Level 1 Diploma in Engineering & Manufacture	600/6145/5	320
EAL Level 1 Certificate in Engineering & Technology	501/0386/6	200

*Engineering Technologies contain various pathways such as Mechanical, Maintenance, Motor Vehicle, Fabrication and Welding, Pipework, Electrical and Electronic, Aerospace, and Rail. Please consult the individual Qualification Manual for further details.

Note - Single units can be selected within any of the above qualifications.

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Level 2 Offer

Qualification Title	QAN	GLH
EAL Level 2 Certificate in Engineering Technologies*	601/5670/3	230
EAL Level 2 Diploma in Engineering Technologies*	601/5669/7	390
EAL Level 2 NVQ Diploma in Performing Engineering Operations	600/8264/1	214
EAL Level 2 Diploma in Engineering Technology	500/7595/0	330
EAL Level 2 Diploma in Maintenance Engineering Technology	501/1059/7	330
EAL Level 2 Diploma in Practical Engineering (14-16 Only)	610/0089/8	240

Addition to the Level 2 Offer from September 2025

Qualification Title	QAN	GLH	Further info
EAL Level 2 Technical Occupational Entry in Electrical Engineering (Diploma)	610/4558/5	410	(Level 2 reforms) Funded from September 2025.
EAL Level 2 Technical Occupational Entry in Fabrication and Welding (Diploma)	610/4559/7	410	
EAL Level 2 Technical Occupational Entry in Machining (Diploma)	610/4561/5	410	
EAL Level 2 Technical Occupational Entry in Mechanical Maintenance (Diploma)	610/4562/7	410	
EAL Level 2 Technical Occupational Entry in Technical Support (Diploma)	610/4557/3	410	

*Engineering Technologies contain various pathways such as Mechanical, Maintenance, Motor Vehicle, Fabrication and Welding, Pipework, Electrical and Electronic, Aerospace, and Rail. Please consult the individual Qualification Manual for further details.

Note - Single units can be selected within any of the above qualifications

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Level 3 Offer

Qualification Title	QAN	GLH
EAL Level 3 Certificate in Engineering Technologies*	601/5800/1	225
EAL Level 3 Subsidiary Diploma in Engineering Technologies*	601/5799/9	375
EAL Level 3 Diploma in Engineering Technologies*	601/5801/3	666
EAL Level 3 Extended Diploma in Engineering Technologies*	601/5802/5	750
EAL Level 3 Diploma in Engineering Technology*	501/1130/9	600
EAL Level 3 Diploma in Fabrication and Welding Engineering Technology	501/1131/0	600
EAL Level 3 Advanced Diploma in Engineering Technology	601/4564/X	450
EAL Level 3 Technical Extended Diploma in Engineering Technologies	603/0564/2	1095
EAL Level 3 Extended Diploma in Machining (Development Knowledge)	610/0793/6	585

*Engineering Technologies contain various pathways such as Mechanical, Maintenance, Motor Vehicle, Fabrication and Welding, Pipework, Electrical and Electronic, Aerospace, and Rail. Please consult the individual Qualification Manual for further details.

Note - Single units can be selected within any of the above qualifications

EAL's Construction & Building Services Engineering offer in England

(For delivery in an FE environment)

Note that the list is subject to change. Official funding sources should always be checked to ensure that the information in this brochure is current.

In this section you will find qualifications in EAL's offer for 16 to 19 year olds.

Level 1 Offer

These qualifications can be delivered in an FE environment and do not require occupational evidence.

Qualification Title	QAN	GLH	Funded for new starts
			16-19 offer until Aug 26
EAL Level 1 Award in Health and Safety in a Construction Environment	603/2310/3	21	Yes
EAL Level 1 Certificate in Practical Construction Operations	601/8428/0	200	Yes
EAL Level 1 Diploma in Plumbing	600/8552/6	361	Yes
EAL Level 1 Diploma In Electrical Installation	601/0409/0	390	Yes
EAL Level 1 Diploma In Building Services Engineering Multi-Skilled Operations	600/6004/9	331	14 - 16 offer

Level 2 Offer

These qualifications can be delivered in an FE environment and do not require occupational evidence.

Qualification Title	QAN	GLH	Funded for new starts
			16-19 offer until Aug 26
EAL Level 2 Diploma in Access to Building Services Engineering	600/1023/X	398	Yes
EAL Level 2 Diploma in Plumbing and Heating	600/6726/3	463	Yes
EAL Level 2 Intermediate Diploma in Plumbing	601/4562/6	560	Yes
EAL Level 2 Diploma In Electrical Installation	600/6724/X	502	Yes
EAL Level 2 Intermediate Diploma in Electrical Installation	601/4561/4	486	Yes

Level 3 Offer

Qualification Title	QAN	GLH	Funded for new starts
			Sept 25
EAL Level 3 Advanced Diploma in Electrical Installation	601/4563/8	459	Yes
EAL Level 3 Extended Progression in Electrotechnical Installation	C00/5005/0		Wales Only

For more information on how we support T Levels in Construction and Building Services Engineering, visit [page 11](#).



4. Engineering & Manufacturing and Construction & Building Services Engineering T Levels

Engineering & Manufacturing T Levels – current and ongoing offering for 16 to 19 year olds

T Levels in Engineering and Manufacturing were introduced in 2022, delivered collaboratively by EAL and City & Guilds.

We currently provide the following [Engineering and Manufacturing T Levels](#) for centres in England:

- T Level Technical Qualification in Design and Development for Engineering and Manufacturing (8714)
- T Level Technical Qualification in Maintenance, Installation and Repair for Engineering and Manufacturing (8712)
- T Level Technical Qualification in Engineering, Manufacturing, Processing and Control (8713)

Our Engineering and Manufacturing T Levels are designed with our Employer Industry Board to ensure they meet sector needs and are aligned with apprenticeship standards.

All T Level programmes include the following compulsory elements:

- A Technical Qualification (TQ), which includes: core theory, concepts and skills for the relevant industry area
- An industry placement with an employer
- A minimum standard in Maths and English if learners have not already achieved them at the start of their T Levels

Construction & Building Services Engineering T Levels – current and ongoing offering for 16 to 19 year olds

Generation 1 T Levels

In collaboration with City & Guilds, EAL started offering BSE T Levels in 2021.

We currently provide the following [T Levels for Construction and Building Services Engineering](#) in England:

- T Level Technical Qualification in Building Services Engineering for Construction (8710)
- T Level Technical Qualification in Onsite Construction (8711)

As per the government announcement in December 2024, there will be no further enrollments offered for Onsite Construction. We will continue to support current enrollments.

Generation 2 T Levels

Following a competitive tendering process by the Institute for Apprenticeships and Technical Education (IfATE), WJEC Eduqas, in partnership with EAL, have been awarded the contract to develop and deliver the Generation 2 of T Levels in Building Services Engineering for Construction, with enrollment starting in September 2025.

The T Level programmes include the following compulsory elements:

- A Technical Qualification (TQ), which includes: core theory, concepts, and skills for the relevant industry area
- An industry placement with an employer
- A minimum standard in Maths and English if learners have not already achieved them at the start of their T Levels



Funded Adult Qualifications

For those dreaming of a brighter future and enhanced career prospects in the engineering, manufacturing, BSE, and construction industries, our qualifications are designed to empower learners with the skills and knowledge needed to seize exciting job opportunities and excel in their chosen field.

You can find the range of qualifications EAL offers in the engineering, BSE and construction sectors that can be provided to eligible adults in this part of the brochure.

Gaining a Level 3 qualification can boost income by 16% and help learners stand out to employers. The courses are designed to help improve your job opportunities and could lead to earning a higher wage.

Qualifications listed may also be used in other initiatives such as Skills Bootcamps, Restart, or SWAP. Please always refer to the current official funding sources of information.



5. Qualifications supported by current Adult Skills Fund and Short Awards

Engineering & Manufacturing qualifications 2025

Qualification Name	Local Flexibilities Funding Available	Legal Entitlement L2 Funding Available
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Level 1

EAL Level 1 Award in Introductory Tungsten Inert Gas Welding Skills 600/2170/6	Yes	
EAL Level 1 Award in Introductory Metal Inert Gas Welding Skills 600/2171/8	Yes	
EAL Level 1 Award in Introductory Manual Metal Arc Welding Skills 600/2172/X	Yes	
EAL Level 1 Diploma In Engineering Technologies 601/5659/4*	Yes	
EAL Level 1 NVQ Certificate in Performing Engineering Operations 600/8229/x	Yes	
EAL Level 1 Award In Engineering & Manufacturing 600/6002/5	Yes	
EAL Level 1 Diploma In Engineering and Manufacturing 600/6145/5	Yes	

Level 2

EAL Level 2 NVQ Diploma in Performing Engineering Operations 600/8264/1	Yes	Yes
EAL Level 2 Certificate in Engineering Technologies 601/5670/3*	Yes	Yes
EAL Level 2 Diploma in Engineering Technologies 601/5669/7*	Yes	Yes
EAL Level 2 Diploma in Advanced Manufacturing Engineering (Foundation Competence) 601/7179/0	Yes	Yes
EAL Level 2 Award in Sustainable Engineering 610/4198/1	Yes	Yes

*Engineering Technologies contain various pathways such as Mechanical, Maintenance, Motor Vehicle, Fabrication and Welding, Pipework, Electrical and Electronic, Aerospace, and Rail. Please consult the individual Qualification Manual for further details.

Note - Single units can be selected within any of the above qualifications.

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Qualification Name	Advanced Learner Loans Funding Available	L3 Free Courses for Jobs Funding Available
Level 3		
EAL Level 3 Subsidiary Diploma in Engineering Technologies 601/5799/9*	Yes	Yes
EAL Level 3 Certificate in Engineering Technologies 601/5800/1*	Yes	Yes
EAL Level 3 Diploma in Engineering Technologies 601/5801/3*	Yes	Yes
EAL Level 3 Certificate in Advanced Mathematics for Engineering 610/4845/8*	Yes	Yes

*Engineering Technologies contain various pathways such as Mechanical, Maintenance, Motor Vehicle, Fabrication and Welding, Pipework, Electrical and Electronic, Aerospace, and Rail. Please consult the individual Qualification Manual for further details.

Note - Single units can be selected within any of the above qualifications.

Construction & Building Services Engineering qualifications 2025

Qualification Name	Local Flexibilities Funding Available	Legal Entitlement L2 Funding Available
Level 1		
EAL Level 1 Award in Health and Safety in a Construction Environment 603/2310/3	Yes	
EAL Level 1 Diploma In Plumbing 600/8552/6	Yes	
EAL Level 1 Diploma In Electrical Installation 601/0409/0	Yes	
EAL Level 1 Certificate In Practical Construction Operations 601/8428/0	Yes	

Qualification Name	Local Flexibilities Funding Available	Legal Entitlement L2 Funding Available
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Level 2

EAL Level 2 Diploma in Plumbing and Heating 600/6726/3	Yes	
EAL Level 2 Intermediate Diploma in Plumbing 601/4562/6	Yes	Yes
EAL Level 2 Diploma In Gas Utilisation Core Skills and Knowledge 600/8547/2	Yes	
EAL Level 2 Diploma in Access to Building Services Engineering 600/1023/X	Yes	
EAL Level 2 Intermediate Diploma in Electrical Installation 601/4561/4	Yes	Yes
EAL Level 2 Diploma In Electrical Installation 600/6724/X	Yes	

Qualification Name	Legal Entitlement L3 Funding Available	Advanced Learner Loans Funding Available	L3 Free Courses for Jobs Funding Available
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Level 3

EAL Level 3 Advanced Diploma in Electrical Installation 601/4563/8	Yes	Yes	Yes
EAL Level 3 Technical Occupational Entry in Plumbing and Domestic Heating (Diploma)	Yes	Yes	Yes
EAL level 3 Technical Occupational Entry in Electrical Installation and Maintenance (Diploma)	Yes	Yes	Yes

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In addition, learners can expand their opportunities with our extensive selection of industry approved CPD and short qualifications, delivered at full cost recovery (or possibly funded), adding even more value to their skill sets.

Qualification Name
Level 2
EAL Level 2 Award in Fundamental Inspection, Testing and Initial Verification 603/0144/2
Level 3
Electrotechnical
EAL Level 3 Award in Industrial and Panel Wiring 603/5423/9
EAL Level 3 Award in DC Electrical Installations within the Telecommunications Industry 603/7601/6
EAL Level 3 Award in the Requirements for Electrical Installations BS 7671:2018 603/3298/0 (teaching & learning resources available)
EAL Level 3 Award in the Initial Verification and Certification of Electrical Installations 600/4337/4
EAL Level 3 Award in the Periodic Inspection, Testing and Certification of Electrical Installations 600/4338/6
EAL Level 3 Award in Electrical Installation Inspection, Testing, Certification and Reporting 603/2625/6
EAL Level 3 Award In the In-Service Inspection and Testing Of Electrical Equipment (PAT) 600/4340/4
EAL Level 3 Award in the Building Regulations for Electrical Installations in Dwellings 603/0149/1
EAL Level 3 Technical Specialist in the Installation of Electrical Vehicle Charging Equipment (Award) 610/3908/1 (Funded for legal entitlement, and L3 free courses for jobs.)
Electrotechnical / Fire safety
EAL Level 3 Award in the Requirements of Fire Detection and Fire Alarm Systems for Buildings BS 5839-1:2025
EAL Level 3 Award in the Requirements for Fire Detection and Alarm Systems in Dwellings 610/1334/1
EAL Level 3 Award in the Commissioning, Handover and Servicing of Fire Detection and Alarm Systems to BS 5839-1 610/0039/3
EAL Level 3 Award in the Servicing and Maintenance of Portable Fire Extinguishers 603/7133/X (available in Scotland as an SCQF L6)
EAL Level 3 Award in the Inspection of Fire Doors 610/4450/7
Renewables and environmental technologies
EAL Level 3 Award in the Fundamental Principles and Requirements of Environmental Technology Systems 600/0665/1
EAL Level 3 Award in the Installation and Maintenance of Heat Pump Systems (Non-refrigerant Circuits) 600/5253/3
EAL Level 3 Award in the Requirements for the Installation of Electric Vehicle Charging Points 603/3929/9
EAL Level 3 Award in the Installation of Small Scale Solar Photovoltaic Systems 600/5175/9
EAL Level 3 Award in the Design, Installation and Commissioning of Electrical Energy Storage Systems 610/2091/6
Level 4
EAL Level 4 Award in the Design and Verification of Electrical Installations 601/8231/3

Funding in some circumstances may be available for the qualifications above in England or for eligible electrical contractors via the JIB's Skills Development Fund. Please always refer to the current official funding sources of information.

6. Apprenticeship & occupational qualifications 2025

A comprehensive overview of EAL sector and standard qualifications that support Apprenticeship Standards being delivered in England.

Engineering Technician Standard – ST0457

(This standard is currently being reviewed, and some pathways may be closed, correct at time of print. Contact EAL for further information.)

Standard	Qualification Title	Qualification Number
Aerospace Manufacturing Fitter Level 3	EAL Level 2 Diploma in Aerospace and Aviation Engineering (Foundation Competence)	601/7289/7
	EAL Level 3 Diploma in Aerospace Manufacturing (Development Competence)	603/0051/6
Aerospace Manufacturing Electrical/ Mechanical and Systems Fitter Level 3	EAL Level 2 Diploma in Aerospace and Aviation Engineering (Foundation Competence)	601/7289/7
	EAL Level 3 Diploma in Aerospace Manufacturing (Development Competence)	603/0051/6
Aircraft Maintenance Fitter/ Technician (Fixed and Rotary Wing) Level 3	EAL Level 2 Diploma in Aerospace and Aviation Engineering (Foundation Competence)	601/7289/7
	EAL Level 3 Diploma in Aviation Maintenance (Development Competence)	603/0372/4
Maritime Electrical Fitter – Level 3	EAL Level 2 Diploma in Maritime Defence (Foundation Competence)	603/0050/4
Maritime Mechanical Fitter – Level 3	EAL Level 2 Diploma in Maritime Defence (Foundation Knowledge)	603/2311/5
Maritime Fabricator – Level 3	EAL Level 3 Diploma in Maritime Defence (Development Competence)	603/2288/3
Maritime Pipeworker – Level 3	EAL Level 3 Diploma in Maritime Defence (Development Knowledge)	603/2459/4
Machinist – Advanced Manufacturing Engineering Level 3	EAL Level 2 Diploma in Advanced Manufacturing Engineering (Foundation Competence)	601/7179/0
(Replacement standard – Machining Technician Level 3 – ST1305 IFATE approval, for new starts from the 1st Sept 2022)	EAL Level 2 Diploma in Machining (Foundation Knowledge)	601/9034/6
	EAL Level 3 AME–Machinist (Development Competence)	603/1034/0
	EAL Level 3 Machinist (Development knowledge)	603/1033/9

Standard	Qualification Title	Qualification Number
Mechatronics Maintenance Technician Level 3	EAL Level 2 Diploma in Advanced Manufacturing Engineering (Foundation Competence)	601/7179/0
	EAL Level 3 Diploma in Advanced Manufacturing and Engineering – Mechatronics Maintenance Technician (Development Competence)	603/3845/3
	EAL Level 3 Diploma & Extended Diploma in Advanced Manufacturing Engineering (Development Knowledge)	Diploma – 603/1353/5 Ex Diploma – 603/1354/7
Product Design and Development Technician Level 3	EAL Level 2 Diploma in Advanced Manufacturing Engineering (Foundation Competence)	601/7179/0
	EAL Level 3 Diploma in Advanced Manufacturing and Engineering – Product Design and Development Technician (Development Competence)	603/0926/X
	EAL Level 3 Diploma & Extended Diploma in Advanced Manufacturing Engineering (Development Knowledge)	Diploma – 603/1353/5 Ex Diploma – 603/1354/7
Toolmaker & Tool and Die Maintenance Technician Level 3	EAL Level 2 Diploma in Advanced Manufacturing Engineering (Foundation Competence)	601/7179/0
	EAL 3 Level Diploma in AME-Toolmaker & Tool and Die Maintenance Technician (Development Competence)	603/1221/X
	EAL Level 3 Diploma & Extended Diploma in Advanced Manufacturing Engineering (Development Knowledge)	Diploma – 603/1353/5 Ex Diploma – 603/1354/7
Technical Support Technician Level 3	EAL Level 2 Diploma in Advanced Manufacturing Engineering (Foundation Competence)	601/7179/0
	EAL Level 3 AME-Technical Support Technician (Development Competence)	603/2290/1
	EAL Level 3 Diploma & Extended Diploma in Advanced Manufacturing Engineering (Development Knowledge)	Diploma – 603/1353/5 Ex Diploma – 603/1354/7

Other Standards

Standard	Qualification Title	Qualification Number
Lean Manufacturing Operative Level 2 – ST0420	Level 2 Diploma in Manufacturing (Knowledge and Skills)	603/3589/0
Engineering Operative Level 2 – ST0537	EAL Level 2 Diploma in Engineering Operations (Skills)	Diploma – 603/3195/1
	EAL Level 2 in Engineering Operations (Knowledge)	603/3220/7 Certificate – 603/3194/X
Engineering Fitter Level 3 – ST0432	EAL Level 3 Diploma & Extended Diploma in Advanced Manufacturing Engineering (Development Knowledge)	Diploma – 603/1353/5 Ex Diploma – 603/1354/7
	EAL Level 2 Diploma in Advanced Manufacturing Engineering (Foundation Competence) Non mandated – developed to support standard	601/7179/0
Maintenance and Operations Engineering Technician (MOET) Level 3 – ST0154	EAL Level 3 Diploma & Extended Diploma in Advanced Manufacturing Engineering (Development Knowledge) Non mandated – developed to support standard	Diploma – 603/1353/5 Ex Diploma – 603/1354/7
	EAL Level 3 Diploma & Extended Diploma in Engineering Technologies Non mandated – developed to support standard	Diploma – 601/5801/3 Ex Diploma – 601/5802/5
	EAL Level 3 Technical Extended Diploma in Engineering Technologies Non mandated – developed to support standard	603/0564/2
	EAL Level 3 Diploma in Advanced Manufacturing and Engineering – Mechatronics Maintenance Technician (Development Competence) Non mandated – developed to support standard	603/3845/3
	EAL Level 3 NVQ Diploma in Engineering Maintenance Non mandated – developed to support standard	501/0544/9
Engineering Design and Draughtsperson Level 3 – ST0164	EAL Level 3 NVQ Extended Diploma in Engineering Technical Support	600/9794/2

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Standard	Qualification Title	Qualification Number
Machining Technician Level 3 – ST1305 Replacement for Machinist Level 3 – ST0457	EAL Level 3 Extended Diploma in Machining (Development Knowledge)	610/0793/6
	EAL Level 2 Diploma in Machining (Foundation Knowledge) Non mandated – developed to support standard	601/9034/6
	EAL Level 2 Diploma in Advanced Manufacturing Engineering (Foundation Competence) Non mandated – developed to support standard	601/7179/0
	EAL Level 3 AME-Machinist (Development Competence) Non mandated – developed to support standard	603/1034/0
Metal Fabricator – Level 3 – ST0607	EAL Level 3 Diploma & Extended Diploma in Advanced Manufacturing Engineering (Development Knowledge)	Diploma – 603/1353/5 Ex Diploma – 603/1354/7
	EAL Level 2 Diploma in Advanced Manufacturing Engineering (Foundation Competence) Non mandated – developed to support standard	601/7179/0
	EAL Level 3 AME-Fabricator Welder (Development Competence) Non mandated – developed to support standard	603/2621/9
Survival Equipment Fitter Level 3 – ST0015	EAL Level 2 Diploma in Aerospace and Aviation Engineering (Foundation Competence)	601/7289/7
	EAL Level 3 Diploma in Aviation Maintenance (Development Competence)	603/0372/4
Lift and Escalator Electromechanic Level 3 – ST0252	EAL Level 3 NVQ Diploma in Engineering Maintenance (Development Competence)	501/0544/9
	EAL Level 3 NVQ Diploma in Installation and Commissioning (Development Competence)	501/07332/1
Aircraft Certification Technician Level 4 – ST0019	EAL Level 2 Diploma in Aerospace and Aviation Engineering (Foundation Competence)	601/7289/7
	EAL Level 4 Aerospace and Aviation (Development Competence)	603/5083/0
Control/Technical Support Engineer Level 6 – ST0023	EAL Level 4 Diploma in Engineering and Advanced Manufacturing (Development Competence) Non mandated – developed to support standard	601/8618/5

Standard	Qualification Title	Qualification Number
Electrical/Electronic Technical Support Engineer Level 6 – ST0024	EAL Level 4 Diploma in Engineering and Advanced Manufacturing (Development Competence) Non mandated – developed to support standard	601/8618/5
Manufacturing Engineer Level 6 – ST0025	EAL Level 4 Diploma in Engineering and Advanced Manufacturing (Development Competence) Non mandated – developed to support standard	601/8618/5
Aerospace Engineer (Degree) Level 6 – ST0010	EAL Level 2 Diploma in Aerospace and Aviation Engineering (Foundation Competence)	601/7289/7
	EAL Level 4 Diploma in Engineering and Advanced Manufacturing (Development Competence)	601/8618/5
Product Design and Development Engineer Level 6 – ST0027	EAL Level 4 Diploma in Engineering and Advanced Manufacturing (Development Competence) Non mandated – developed to support standard	601/8618/5
Plate Welder – ST0852	EAL Level 3 Diploma & Extended Diploma in Advanced Manufacturing Engineering (Development Knowledge) Non mandated – developed to support standard	Diploma 603/1353/5 Ex-diploma 603/1354/7
	EAL Level 3 NVQ Diploma & Extended Diploma in Fabrication and Welding Engineering Non mandated – developed to support standard	Diploma 601/0003/5 Ex-diploma 600/9932/x
Mechatronics Maintenance Technician – ST1326	EAL Level 3 Diploma in Advanced Manufacturing Engineering (Development Knowledge)	603/1353/5
Replacement for Mechatronics Level 3 – ST0457	EAL Level 2 Diploma in Advanced Manufacturing Engineering (Foundation Competence) Non mandated – developed to support standard	601/7179/0
	EAL Level 3 Diploma in Advanced Manufacturing and Engineering – Mechatronics Maintenance Technician (Development Competence) Non mandated – developed to support standard	603/3845/3
Engineering and Manufacturing Support Technician- ST1395	EAL Level 3 Diploma in Engineering and Manufacturing Support Technologies	610/4353/9
Replacement for Technical Support Level 3 – ST0457	EAL Level 2 Diploma in Advanced Manufacturing Engineering (Foundation Competence) Non mandated – developed to support standard	601/7179/0
	EAL Level 3 AME-Technical Support Technician (Development Competence) Non mandated – developed to support standard	603/2290/1

Building Services Engineering (Apprenticeship & occupational qualifications)

Title	Number	England	Wales	Northern Ireland	Scotland	Notes
Plumbing and gas						
EAL Level 2 NVQ Diploma in Plumbing and Heating	501/1752/x	Yes		Yes		Available in England, and NI. (Apprenticeship)
EAL Diploma in Gas Engineering at SCQF Level 6	R66404				Yes	Apprenticeship. (Scotland)
New Plumbing offer in 2025 TBC						
Electrical						
EAL Level 3 Electrotechnical Qualification	601/7345/2	Yes		Yes		Apprenticeship.
EAL Level 3 Electrotechnical in Dwellings	610/1335/3	Yes				Apprenticeship.
EAL Level 3 NVQ Diploma in Installing Electrotechnical Systems and Equipment (Buildings, Structures and the Environment)	501/1605/8	Yes		Yes		
EAL Level 3 Electrotechnical Experienced Worker	603/5982/1	Yes	Yes	Yes		Adult learner loan fund available in England.
EAL Level 3 Electrotechnical in Dwellings Experienced Worker	610/2859/9	Yes	Yes			Adult learner loan fund available in England.
EAL Level 3 Certificate in Power Supply and Distribution Cabling	603/6345/9	Yes				
Fire and security						
EAL Level 3 NVQ Diploma in Providing Electronic Fire and Security Systems	603/6194/3	Yes	Yes	Yes		Apprenticeship. It is also used with the fire-experienced worker route.
EAL Level 3 Diploma in Providing Electronic Fire and Security Systems	603/6618/7		Yes	Yes		Apprenticeship.

EAL is the sole provider of BSE apprenticeship qualifications in Wales. For information about these, please refer to www.skillsforwales.wales

7. EAL Approved

Approve My Course

Build industry credibility for bespoke but unregulated courses by showing you offer training that can be trusted, independently validated by EAL Approved.

Course Accreditation with EAL Approved

EAL Approved provides validation and certification services to assure learners, employers, and the industry as a whole that your course meets the standards of a globally recognised name in engineering and advanced manufacturing.

Following your initial enquiry, we'll assign a dedicated Account Manager to help you through the accreditation process.

Our expert evaluators will help you review your course content so that it delivers against your learning objectives. We will also support you in ensuring that quality assurance activities are carried out in the correct way needed to secure EAL endorsement for your training.

Benefits:

Endorsement from a Trusted Brand

When your course is EAL Approved, it's backed by a globally recognised institution. We've been setting the standard for training in engineering and advanced manufacturing since 1992.

Independent Validation

With EAL Approved accreditation, you're saying with authority that you offer training the industry can trust. We evaluate courses to a rigorous standard set by engineers, for engineering success.

Best-in-Class Support

EAL strives to provide service excellence and support to our customers by placing them at the heart of everything we do. We assign a dedicated Account Manager to every client, guiding them from enquiry and application to appraisal and accreditation.

Dual-Branded Certification

EAL Approved stamps your course with quality. Our certification portal allows delivery centres to issue dual-branded digital certificates, giving well-earned recognition to the achievements of you and your users.

8. About EAL

Qualifications, assessments and skills solutions by engineers for engineering success.

EAL is the specialist Awarding Organisation, End Point Assessment Organisation and skills partner for the engineering, and manufacturing sector. Our qualifications, assessments, and skills solutions are designed and supported by engineers for engineering success.

We're dedicated to making sure people and employers in our engineering and manufacturing sectors have the right skills at the right time; to keep up with evolving industry needs, new technologies, and the Net Zero transition.



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Apprenticeships and Standards, qualifications, programmes, and courses to deliver the right skills at the right time.

EAL is trusted by 1.3 million learners, colleges and private training providers, employers of all sizes, sector bodies, and government.

We understand the differences and complexities across the four nations we serve; and help to ensure that Apprenticeships and Standards, qualifications, training programmes and courses keep pace with change.

EAL represents employers in policy discussions around technical education and works collaboratively with them to create and review standards or frameworks for qualifications, training programmes and courses.

Excellent service and support.

Providing excellent service and support to our customers and learners, regardless of level, by placing them at the heart of everything we do.

Whether that's through high-quality support materials, every centre having a dedicated External Quality Assurer to provide advice on and support on assessment policy and process, Industry Managers helping employers design and manage the right portfolio of products for them, Technical Advisors helping centres and training providers get the most out of our products, or access to our many subject matter experts.

Ensuring skills are evidenced and trusted.

Learners want their skills to be recognised by employers; and employers want to know that a qualification, apprenticeship or training programme is providing them with the skills they need, backed by the consistency and rigour of Occupational Standards in England and National Occupational Standards in Scotland, Wales, and Northern Ireland.

EAL's qualifications, certification, licence to practice, adult modular upskilling, End Point Assessment, and EAL Approved recognition services are designed and maintained by industry experts who understand employers' current and future needs.

Choose EAL, the specialists who really understand the skills needs of industry.

Our decision-making is driven by what's in the best interests of engineering and manufacturing businesses.

We constructively and collaboratively challenge the way things are done; we apply the same quality to everything we do regardless of the size of the market it serves; we reinvest our surplus in charitable activities, including supporting Eginuity, our parent charity that uses data about engineering skills needs to create new solutions for employers and the sector.


EAL does all of this so that engineers and employers can seize opportunities for growth; while working on the solutions needed for a more sustainable world.

We're happy to help

EAL is committed to delivering both value and high-quality support to all its customers, which is why we continually strive to make it even easier to work with us.

Customer experience enquiries

If you'd like to speak to someone about delivering EAL qualifications, becoming an EAL Recognised Centre, or for any other enquiries, please contact our friendly Customer Experience Team, Monday to Friday, 8 am to 5 pm.

 +44 (0)1923 652400

 customer.experience@eal.org.uk



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