



Part of the  
**Enginuity** Group

# Curriculum Planning Guide

2026-2027



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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.

This document contains information on our new qualifications in response to the continuing reforms in England. A list of these qualifications is also available on the [Qualification reform in England](#) page of our website ([www.eal.org.uk](http://www.eal.org.uk)), along with resources and events to support our valued centres in England through these changes.

Don't forget to sign up to [EAL's Spotlight newsletter](#) for updates. 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 Services 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.

Please note that the list is subject to change. Always check official funding sources to ensure the information in this brochure is up to date.

# 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 NVQ in Performing Manufacturing Operations	501/2218/6	166
EAL Level 1 Certificate in Engineering & Technology	501/0386/6	200

\*Engineering Technologies qualifications 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.

**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 Practical Engineering (14-16 Only)	610/0089/8	240
EAL Level 2 Technical Occupational Entry in Electrical Engineering (Diploma) <a href="#">Free learning support resources available.</a>	610/4558/5	410
EAL Level 2 Technical Occupational Entry in Fabrication and Welding (Diploma) <a href="#">Free learning support resources available.</a>	610/4559/7	410
EAL Level 2 Technical Occupational Entry in Machining (Diploma) <a href="#">Free learning support resources available.</a>	610/4561/5	410
EAL Level 2 Technical Occupational Entry in Mechanical Maintenance (Diploma) <a href="#">Free learning support resources available.</a>	610/4562/7	410
EAL Level 2 Technical Occupational Entry in Technical Support (Diploma) <a href="#">Free learning support resources available.</a>	610/4557/3	410
EAL Level 2 Award in Sustainable Engineering	610/4198/1	30
EAL Level 2 Certificate in Advanced Manufacturing Engineering (Foundation Competence)	610/5603/0	210
EAL Level 2 Diploma in Advanced Manufacturing Engineering (Foundation Competence)	601/7179/0	800
EAL Level 2 NVQ Diploma in Performing Manufacturing Operations	501/0928/5	216
EAL Level 2 NVQ Diploma in Fabrication and Welding Engineering	600/9174/5	239

\*Engineering Technologies qualifications 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

## 8 Qualifications, certification and skills solutions by engineers for engineering success

### 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 and Technology*	501/1130/9	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) <i>Free learning support resources available.</i>	610/0793/6	585
EAL Level 3 Award in Advanced Mathematics for Engineering	610/4845/8	81

\*Engineering Technologies qualifications 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

# We take safety seriously.

We work with experienced electricians to ensure that best practice in on-site safety is incorporated into every qualification.

## By engineers for engineering success.



“Having worked in the cabling industry for 20 years, I am both glad that we now have a recognised cabling qualification and proud to be involved with our first delivery.”

*Balfour Beatty  
Kilpatrick*

## 4. EAL's Construction & Building Services Engineering offerings

Please note that the information in this document is subject to change, especially if you are consulting the print version. For up-to-date information, please visit the Qualification Library on the EAL website.

Qualification title	QAN	Notes
<b>Electrotechnical Apprenticeship and occupational</b>		
EAL Level 3 Electrotechnical Qualification <i>Free learning support resources available.</i>	601/7345/2	
EAL Level 3 Electrotechnical in Dwellings	610/2859/9	
EAL Electrical Underpinning Knowledge and Understanding Tests (Entry for Experienced Worker Route) (Level 3 equivalent)	EXPL3E	Non-regulated qualification to support entry onto the EWA
EAL Level 3 Electrotechnical Experienced Worker	603/5982/1	Advanced Learner Loans funded in England
EAL Level 3 Electrotechnical in Dwellings Experienced Worker	610/2859/9	Advanced Learner Loans funded in England
EAL Level 3 Building Services Engineering – Electrotechnical Installation	C00/4278/8	Apprenticeship – Wales
EAL Level 3 Certificate in Power Supply and Distribution Cabling	603/6345/9	

**Can be delivered in FE environment only:**

EAL Level 1 Diploma In Electrical Installation	601/0409/0	
EAL Level 2 Diploma In Electrical Installation	600/6724/X	
EAL Level 2 Intermediate Diploma in Electrical Installation	601/4561/4	
EAL Level 3 Diploma In Electrical Installation	600/9331/6	
EAL Level 3 Advanced Diploma in Electrical Installation	601/4563/8	
EAL Level 3 Extended Progression in Electrotechnical Installation <i>Free learning support resources available.</i>	C00/5005/0	Eligible for use on publicly- funded programmes of learning for learners under the age of 19 in Wales
EAL Level 3 Technical Occupational Entry in Electrical Installation and Maintenance (Diploma)	610/3907/X	Funding available England: Legal Entitlement L2 L3, Advanced Learner Loans, L3 Free Courses For Jobs

## 11 Qualifications, certification and skills solutions by engineers for engineering success

Qualification title	QAN	Notes
<b>Electrotechnical</b>		
<b>CPD / Short Awards:</b>		
EAL Level 2 Award in Fundamental Inspection, Testing and Initial Verification <a href="#">Free learning support resources available.</a>	603/0144/2	
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 Requirements for Electrical Installations BS 7671	TBC	Qualification number to follow
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 Award In Programmable Logic Controllers (PLC)	601/5326/x	
EAL Level 3 Award in Industrial and Panel Wiring	603/5423/9	
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 Requirements for Fire Detection and Alarm Systems in Dwellings	610/1334/1	
EAL Level 3 Award in the Requirements of Fire Detection and Fire Alarm Systems for Buildings BS 5839-1:2025	610/5638/8	
EAL Level 3 Award in the Fundamental Principles and Requirements of Environmental Technology Systems	600/0665/1	
EAL Level 3 Award in the Design, Installation and Commissioning of Electrical Energy Storage Systems	610/2091/6	
EAL Level 3 Award in DC Electrical Installations within the Telecommunications Industry	603/7601/6	
EAL Level 3 Award in the Installation of Small Scale Solar Photovoltaic Systems	600/5175/9	
EAL Level 3 Award in the Requirements for the Installation of Electric Vehicle Charging Points <a href="#">Free learning support resources available.</a>	603/3929/9	
EAL Level 3 Technical Specialist in the Installation of Electric Vehicle Charging Equipment (Award)	610/3908/1	This is a technical specialist version of our EV award and learners may be eligible for funding
EAL Level 3 Award in the Design, Installation and Maintenance of Emergency Lighting Systems	610/6121/9	
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 check the latest official funding sources to get the most up-to-date information.

## 12 Qualifications, certification and skills solutions by engineers for engineering success

Qualification title	QAN	Notes
<b>Fire and Security</b>		
<b>Apprenticeship and occupational</b>		
EAL Level 3 NVQ Diploma in Providing Electronic Fire and Security Systems	603/6194/3	Also forms part of industry approved experienced worker assessment
EAL Level 3 Diploma in Providing Electronic Fire and Security Systems	603/6618/7	

### CPD/ Short Awards:

EAL L3 Award in the Requirements for Fire Detection and Alarm Systems in Dwellings	610/1334/1	
EAL Level 3 Award in the Servicing and Maintenance of Portable Fire Extinguishers	603/7133/X	Also available in Scotland as an SCQF Level 6
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 Requirements of Fire Detection and Fire Alarm Systems for Buildings BS 5839-1:2025	610/5638/8	

### Plumbing and Heating (and H&V)

#### Apprenticeship and occupational

EAL Level 2 NVQ Diploma in Plumbing and Heating	501/1752/X	Aligns with the JIB-PMES CSCS PLUMBER BLUE CARD
EAL Level 3 Building Services Engineering – Plumbing and Heating	C00/4278/7	Apprenticeship – Wales
EAL Level 3 Building Services Engineering – Heating and Ventilating Installation	C00/4278/5	Apprenticeship – Wales
EAL Level 3 Building Services Engineering – Heating and Ventilating Craftsperson	C00/4278/6	Apprenticeship – Wales
New Apprenticeship Plumbing offer expected in 2026!	TBC	More details to follow

#### Can be delivered in FE environment:

EAL Level 1 Diploma in Plumbing	600/8552/6	
EAL Level 2 Diploma in Plumbing and Heating	600/6726/3	
EAL Level 2 Intermediate Diploma in Plumbing	601/4562/6	
EAL level 3 Technical Occupational Entry in Plumbing and Domestic Heating (Diploma)	610/3914/7	Available England funding: Legal Entitlement L2 L3, Advanced Learner Loans, L3 Free Courses For Jobs
EAL Level 3 Diploma in Plumbing and Heating	600/8595/2	
EAL Level 3 Advanced Diploma in Plumbing	601/4567/5	

#### CPD/ Short Awards:

New L3 Airsource Heat Pump Award due in 25/26	TBC	More details to follow
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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 check the latest official funding sources to get the most up-to-date information.

Qualification title	QAN	Notes
<b>Gas</b>		
<b>Competence related</b>		
EAL Diploma in Gas Engineering at SCQF Level 6	TBC	Modern Apprenticeship Scotland
EAL Level 3 Diploma in Gas Engineering	610/1345/6	Designed as a competence component which can be used as evidence in the Apprenticeship.
<b>Centre based qualifications</b>		
EAL Level 3 Diploma in Gas Utilisation: Core Skills and Knowledge	600/0577/4	A knowledge component which can be used as evidence in the Apprenticeship. Can be delivered in FE environment only.
<b>Multi trade BSE, and construction related</b>		
<b>Can be delivered in FE environment only:</b>		
EAL Level 1 Award in Health and Safety in a Construction Environment	603/2310/3	Relevant for those seeking to obtain the CSCS Green Labourer Card, which is required for accessing most UK construction sites.
EAL Level 1 Award In Building Services Engineering	600/6005/0	
EAL Level 1 Award in Practical Construction Operations	601/8433/4	
EAL Level 1 Certificate In Practical Construction Operations	601/8428/0	
EAL Level 1 Diploma in Practical Construction Operations	601/8432/2	
EAL Level 2 Diploma in Access to Building Services Engineering	600/1023/x	
EAL Level 3 Award in the Inspection of Fire Doors	610/4450/7	

EAL is the sole provider of BSE apprenticeship qualifications in Wales. For information about these, please refer to [www.skillsforwales.wales](http://www.skillsforwales.wales)

# Tackle the plumbing skills shortage with EAL qualifications.



“The EAL team have been incredibly supportive and help a lot with the EPA side. The support we get from EAL is one of the reasons this works.” *Amcor*

# 5. Engineering & Manufacturing and Construction & Building Services Engineering T Levels

## Engineering & Manufacturing T Levels

– our 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 – our 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 enrolments offered for Onsite Construction. We will continue to support our current enrolments.

### Generation 2 T Levels

IfATE awarded the contract to develop and deliver Generation 2 of T Levels in Building Services Engineering for Construction to Eduqas, in partnership with EAL. Enrolment started in September 2025.

For more information visit Eduqas' website ([www.eduqas.co.uk](http://www.eduqas.co.uk))

**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.



## 6. Qualifications supported by current Adult Skills Fund and Short Awards

### Engineering & Manufacturing qualifications 2026/27

#### Level 1 offer

Qualification title	Local flexibilities funding available	Legal entitlement L2 funding available
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	

#### Level 2 offer

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
EAL Level 2 Award in Tungsten Inert Gas Welding 610/6476/2	Yes	Yes
EAL Level 2 Award Metal Inert Gas (MIG) & Metal Active Gas (MAG) 610/6477/4	Yes	Yes
EAL Level 2 Certificate in Advanced Manufacturing Engineering (Foundation Competence) 610/5603/0	Yes	Yes

\*Engineering Technologies qualifications 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.

Level 3 offer		
Qualification title	Advanced learner loans funding available	L3 free courses for jobs funding available
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 qualifications 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.

# 7. Apprenticeship & occupational qualifications 2026/27

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; however, the qualification will continue to be available to support the new apprenticeship standard. The information below is correct at the time of print. Contact EAL for further information.)

Standard	Qualification title	Qualification number
Aerospace Manufacturing Fitter Level 3 <a href="#">(Replacement standard – Aerospace Engineering Technician - ST1313 Skills England approval August 2025)</a>	EAL Level 2 Diploma in Aerospace and Aviation Engineering (Foundation Competence)  EAL Level 3 Diploma in Aerospace Manufacturing (Development Competence)	601/7289/7  603/0051/6
Aerospace Manufacturing Electrical/ Mechanical and Systems Fitter Level 3 <a href="#">(Replacement standard – Aerospace Engineering Technician - ST1313 Skills England approval August 2025)</a>	EAL Level 2 Diploma in Aerospace and Aviation Engineering (Foundation Competence)  EAL Level 3 Diploma in Aerospace Manufacturing (Development Competence)	601/7289/7  603/0051/6
Aircraft Maintenance Fitter/ Technician (Fixed and Rotary Wing) Level 3 <a href="#">(Replacement standard Aircraft Maintenance Technician – ST1315 Skills England approval May 2024)</a>	EAL Level 2 Diploma in Aerospace and Aviation Engineering (Foundation Competence)  EAL Level 3 Diploma in Aviation Maintenance (Development Competence)	601/7289/7  603/0372/4
Maritime Electrical Fitter – Level 3 <a href="#">(Replacement Standard – Maritime Electrical Fitter ST1403 – approved September 2024)</a> Maritime Mechanical Fitter – Level 3 <a href="#">(Replacement Standard – Maritime Mechanical Fitter ST1402 – approved September 2024)</a> Maritime Fabricator – Level 3 <a href="#">(Retired April 2025, replaced by Metal Fabricator ST0607)</a> Maritime Pipeworker – Level 3 <a href="#">(Replacement Standard – Maritime Pipeworker ST1391 – approved November 2024)</a>	EAL Level 2 Diploma in Maritime Defence (Foundation Competence)  EAL Level 2 Diploma in Maritime Defence (Foundation Knowledge)  EAL Level 3 Diploma in Maritime Defence (Development Competence)  EAL Level 3 Diploma in Maritime Defence (Development Knowledge)	603/0050/4  603/2311/5  603/2288/3  603/2459/4

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Standard	Qualification title	Qualification number
Machinist – Advanced Manufacturing Engineering Level 3  <b>(Replacement standard – Machining Technician Level 3 – ST1305 Skills England approval Sept 2022)</b>	EAL Level 2 Diploma in Advanced Manufacturing Engineering (Foundation Competence)  EAL Level 2 Diploma in Machining (Foundation Knowledge)  EAL Level 3 AME-Machinist (Development Competence)  EAL Level 3 Machinist (Development knowledge)	601/7179/0  601/9034/6  603/1034/0  603/1033/9
Mechatronics Maintenance Technician Level 3  <b>(Replacement standard – Mechatronics Maintenance Technician – ST1326 Skills England approval August 2024)</b>	EAL Level 2 Diploma in Advanced Manufacturing Engineering (Foundation Competence)  EAL Level 3 Diploma in Advanced Manufacturing and Engineering – Mechatronics Maintenance Technician (Development Competence)  EAL Level 3 Diploma & Extended Diploma in Advanced Manufacturing Engineering (Development Knowledge)	601/7179/0  603/3845/3  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)  EAL Level 3 Diploma in Advanced Manufacturing and Engineering – Product Design and Development Technician (Development Competence)  EAL Level 3 Diploma & Extended Diploma in Advanced Manufacturing Engineering (Development Knowledge)	601/7179/0  603/0926/x  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)  EAL 3 Level Diploma in AME-Toolmaker & Tool and Die Maintenance Technician (Development Competence)  EAL Level 3 Diploma & Extended Diploma in Advanced Manufacturing Engineering (Development Knowledge)	601/7179/0  603/1221/x  Diploma - 603/1353/5 Ex Diploma - 603/1354/7
Technical Support Technician Level 3  <b>(Replacement standard – Engineering and Manufacturing Support Technician – ST1395 Skills England approval August 2024)</b>	EAL Level 2 Diploma in Advanced Manufacturing Engineering (Foundation Competence)  EAL Level 3 AME-Technical Support Technician (Development Competence)  EAL Level 3 Diploma & Extended Diploma in Advanced Manufacturing Engineering (Development Knowledge)	601/7179/0  603/2290/1  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)	601/7179/0
	Non mandated – developed to support standard	
Maintenance and Operations Engineering Technician (MOET) Level 3 - ST0154 <i>(Replacement standard - Engineering Maintenance Technician (single discipline) – ST1426 Skills England approval June 2025</i> <i>Engineering Maintenance Technician (dual discipline) – ST1443 Skills England approval June 2025)</i>	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

Standard	Qualification title	Qualification number
Machining Technician Level 3 – ST1305	EAL Level 3 Extended Diploma in Machining (Development Knowledge)	610/0793/6
Replacement for Machinist Level 3 – ST0457	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)	501/0733/1
Aircraft Certification Technician Level 4 – ST0019 <i>(The replacement standard is in development – Aircraft Certifying Technician Level 5 – ST1510)</i>	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) EAL Level 4 Diploma in Engineering and Advanced Manufacturing (Development Competence)	601/7289/7 601/8618/5
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
Pipe Welder – ST0851	EAL Level 3 Diploma & Extended Diploma in Advanced Manufacturing Engineering (Development Knowledge) Non mandated – developed to support standard  EAL Level 3 NVQ Diploma & Extended Diploma in Fabrication and Welding Engineering Non mandated – developed to support standard	Diploma 603/1353/5 Ex-diploma 603/1354/7  Diploma 601/0003/5 Ex-diploma 600/9932/x
Plate Welder – ST0852	EAL Level 3 Diploma & Extended Diploma in Advanced Manufacturing Engineering (Development Knowledge) Non mandated – developed to support standard  EAL Level 3 NVQ Diploma & Extended Diploma in Fabrication and Welding Engineering Non mandated – developed to support standard	Diploma 603/1353/5 Ex-diploma 603/1354/7  Diploma 601/0003/5 Ex-diploma 600/9932/x

# 8. 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.

# 9. 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, manufacturing, building services engineering and related sectors. 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.

## Apprenticeships and standards, qualifications, programmes, and courses to deliver the right skills at the right time

EAL has seen 1.3 million learners enrol in the last decade. We're trusted by 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 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 Enginuity, 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](mailto:customer.experience@eal.org.uk)



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**Enginuity** Group