

Apprenticeship Standards

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Any questions just email

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What are Apprenticeship Standards?

- New **employer designed** apprenticeship standards
- Must set out the requirements for **'full'** Occupational Competence
- Focused on the outcome of an apprenticeship
- Apprenticeships should be **graded**
- Delivered to recognise **Professional Standards**
- Level 2 English and Maths
- Digital account

Apprenticeships – The Standard

- The Apprenticeship Standard - Maximum 2 sides of A4 – now some flexibility

Mandatory

- Title of the Apprenticeship Standard – Occupation(s)
- Role profile/description
- Skills and knowledge to achieve full occupational competence
- Expected employer/employee behaviours
- Duration of the Apprenticeship – min one year (Engineering Typ. 36 to 48 months)
- Level
- Review date

Optional

- Entry requirements
- Mandatory qualifications
- Professional Body recognition e.g EngTech, IEng or CEng
- Reference made to an Employer Occupational Brief

Apprenticeships – Assessment Plan

- A clear explanation/diagram to explain to an apprentice how they can expect to be assessed against the apprenticeship standard, including what they need to have achieved in order to apply for their apprenticeship completion certificate.
- Assessment - What you are planning to assess - (i.e. the content to be assessed)
- Assessment - How you are planning to assess it (i.e. the methods of assessment)
- Assessment - Who will be carrying out the assessment(s)
- **Assessment must:**
 - Have an end – point assessment
 - Be independent and carried out by an organisation that is on the Register of Apprenticeship Assessment Organisations (RoAAO)
 - Graded eg Pass, Merit and Distinction
 - Deliver consistent, reliable and valid judgements
 - Set out internal and external QA process
- Apprenticeship Costing (on programme training and end point assessment)

Apprenticeship Standards

The Development and Approval Process

- 1) Employers produce and submit an Expression of Interest (EOI).
- 2) Produce Apprenticeship Standard and submit to DfE/IfA for approval
- 3) Produce Apprenticeship Assessment Plan and submit to DfE/IfA for approval
- 4) Produce Apprenticeship costing information (On Programme and EPA)
- 5) Apprenticeship Standard - Ready for Delivery

For Apprenticeship Standards in development

<https://www.gov.uk/government/publications/apprenticeship-standards-in-development>

Employer Led Development Groups



AME Apprenticeship Standards supported by Semta (v28/11/2016) – These are proposed funding bands to be used from April 2017 and subject to further amendment

Key – SA – Standard Approved RD – Ready for delivery EPA – Approved for End Point Assessment

Aerospace and Aviation

- Aerospace Manufacturing Fitter L3. **RD – Band 14**
- Aerospace Electrical/Mechanical and Systems Fitter L3. **RD – Band 14**
- Aircraft Maintenance Fitter Technician (Fixed and Rotary Wing) L3. **EPA – Band 14**
- Survival Equipment Fitter L3 (Military) **EPA – Band 15**
- Airworthiness Planning, Quality & Safety Technician L3. **EPA – Band 14**
- Aviation Maintenance Mechanic L2 (Military) – **EPA – Band 10**
- Aircraft Certifying Engineer L4 (Fixed and Rotary Wing) Level 4. **EPA – Band 14**
- Aerospace Engineer L6. **RD – Band 15**
- Aerospace Software Development Engineer L6. **RD – Band 15**

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Automotive

- Electrical/Electronic Support Engineer L6 – **RD – Band 15**
- Control/Technical Support Engineer L6 – **RD – Band 15**
- Manufacturing Engineer L6 – **RD – Band 15**
- Product Design and Development Engineer L6 – **RD – Band 15**
- Mechatronics Maintenance Technician L3 – **RD – Band 14**
- Product Design and Development Technician L3 – **RD – Band 15**
- Classic Vehicle Restoration L3
- Automotive Engine Tester L4
- Automotive Engine Test Engineer L6

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Maritime/Yacht and Boat

- Maritime Mechanical Fitter L3 - **SA**
- Maritime Pipeworker L3 - **SA**
- Maritime Maritime Electrical / Mechanical Mechanic L2 - **SA**
- Maritime Fabricator L3 – **SA**
- Maritime Electrical Fitter L3 - **SA**
- Boatbuilding L3 – **EPA – Band 15**

Rail Engineering

- Rail Engineering L2, 3 and 4 (Track, Overhead Line, Electrification, Traction & Rolling Stock, Signalling, Telecoms, Rail Systems) – **EPA L2 – Band 10, L3 & L4 – Band 15**

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Sector Wide

- Machining – Advanced Manufacturing Engineering L3 – **EPA – Band 14**
- Technical Support Technician, Advanced Manufacturing and Engineering L3 - **SA**
- Composite Technician L3 - **SA**
- Welding L2 and 3 – **EPA – L2 Band 9, L3 Band 10**
- Tool making, Tool & Die Maintenance L3 - **SA**
- Non Destructive Testing L2 and 3 – **EPA - L2 Band 10, L3 Band 12**
- Manufacturing Technology Development Engineer L6
- Advanced Systems Engineering L7 – **EPA – Band 15**
- Manufacturing Fitter (Craft) L3
- Advanced Manufacturing Operative L2
- Engineer (Post Graduate) L7
- Engineering Technician – Battersea L3

AME Apprenticeship Standards supported Semta

New/Recent Expressions of Interest

- Maritime Electrical Mechanical Fitter Level 3
- Patternmaking Level 3
- Level 4 Problem Solving (Green belt)
- Level 5 Problem Solving (Black belt)
- Level 6 Problem Solving (Master black belt)

Expressions of Interest being considered for development

- Level 3 Engineering Maintenance Level 3 (mechanical, electrical/electronics, instrumentation and control, fluid power, service supplies, plant and equipment)
- Level 6 AME Junior Engineer – Battersea
- Level 4 AME Senior Technician - Battersea
- Level 2 Engineering Operative
- Level 3 Manufacturing/Engineering Team Leader
- Level 4 Advanced Manufacturing Team Leader (Prolead)
- Level 3 Engine Tester

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Expressions of Interest being considered for development

- Level 3 Fabrication/Welder (including plate and sheetmetal pathways)
- Level 2 and 3 Casting
- Level 6 Procurement/Purchasing Buyer
- Level 2 Advanced Team Member/TPM/Product Coach
- Level 4 Advanced Propulsion
- Level 4 Tool Design and Manufacture
- Level 6 Sheetmetal Forming process Engineer
- Level 6 Manufacturing Management
- Level 6 General Engineering

Provisional funding bands from April/May 2017

Number	Band limit
1	£1,500
2	£2,000
3	£2,500
4	£3,000
5	£3,500
6	£4,000
7	£5,000
8	£6,000
9	£9,000
10	£12,000
11	£15,000
12	£18,000
13	£21,000
14	£24,000
15	£27,000

Why? Setting limits on the amount of government or digital funds that can be used for a single apprenticeship supports quality training whilst ensuring apprenticeships are affordable for individual employers and deliver value for taxpayers.

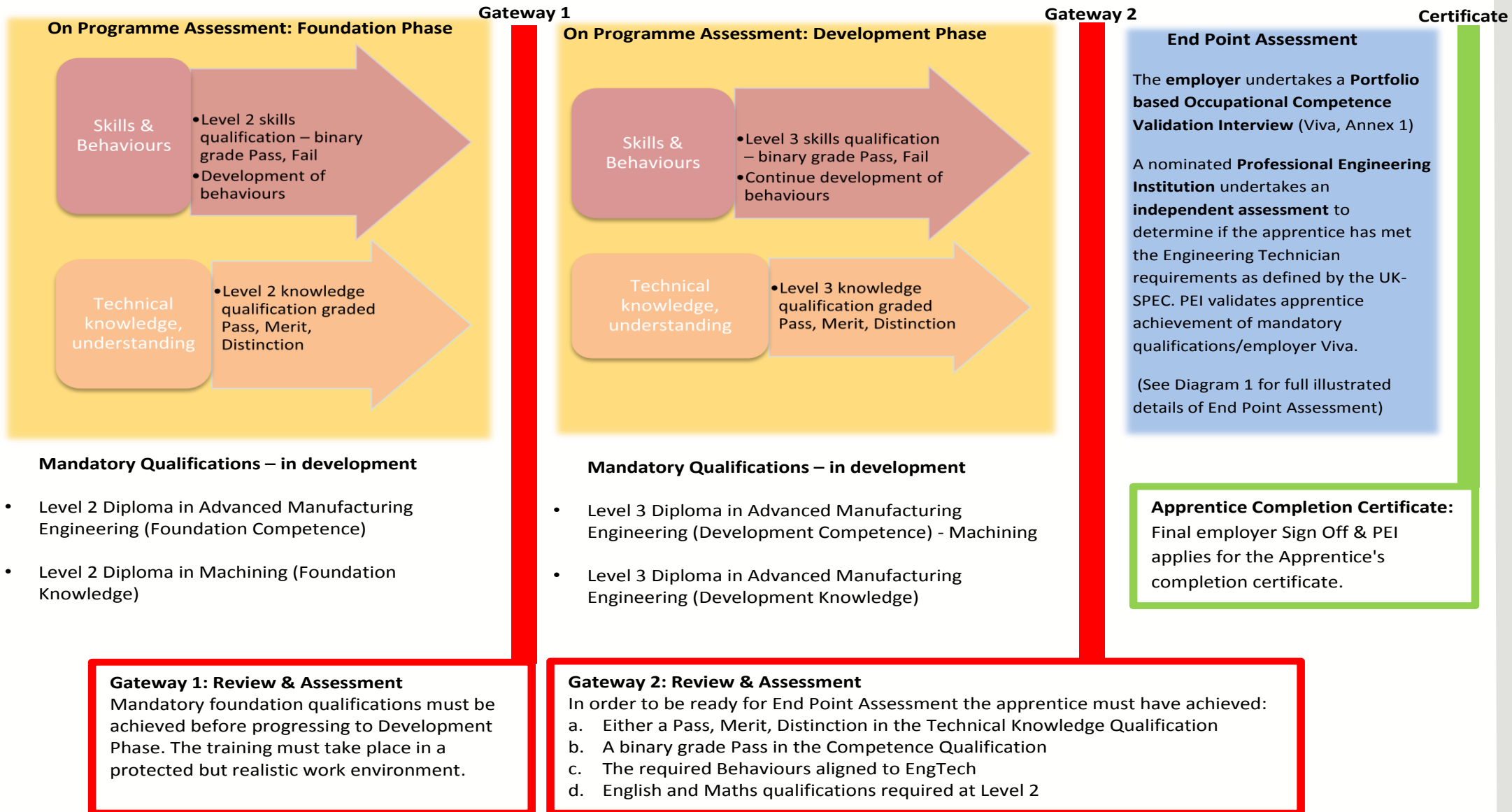
Every apprenticeship will be placed in a funding band

- All existing and new apprenticeship frameworks and standards will be placed within one of these funding bands. This will depend on the level and type of apprenticeship.
- The upper limit of each funding band will cap the maximum amount of digital funds an employer who pays the levy can use towards an individual apprenticeship.
- The upper limit of the funding band will also cap the maximum price that government will 'co-invest' towards, where an employer does not pay the levy or has insufficient digital funds and is eligible for extra support.

Employers can negotiate the best price for the training they require

- Employers will be able to negotiate prices with providers.
- If employers want to spend more than the funding band limit, using their own money, then they will be free to do that.
- Funding bands do not have a lower limit.

A2 Example “On-Programme” and End Point Assessment, model used by the AME Sector – extract from the Machinist Assessment Plan



Current SASE Apprenticeship Frameworks

Still Operational

- Engineering Manufacture Level 2, 3 Intermediate and Advanced
- Improving Operational Performance Level 2 Intermediate Apprenticeship
- Manufacturing Engineering Level 4 Higher Apprenticeship

Frameworks Withdrawn (As from 1st December)

- Metal Processing and Allied Operations Level 2, 3 Intermediate and Advanced Apprenticeship
- Rail Engineering Overhead Line Construction Level 2, 3 Intermediate and Advanced Apprenticeship
- Automotive Clay Modelling Level 3 Advanced Apprenticeship