

Building Services Engineering June 2017



A product and services update from City & Guilds on all things Building Services Engineering.

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Apprenticeship updates

Electrotechnical (Live)

5357 is the new standard to replace the current 2357 (SASE) Specification of apprenticeship standards for England product. 2357 will be expiring (England only) as a framework on October 1st 2017. Centres should switch to the new product – those previously delivering 2357 will have automatic approval on the new 5357.

Our offer in a nutshell:

- ✓ Sample assessments for evolve tests
- ✓ Specific '**Learner Training Manual**'
 - Created by our Digital Learning Resources Team (DLR)
 - Directed training towards 5357 outcomes
 - Supports training for our other electrical qualifications (2365 & 8202)
 - Tracks learner progression throughout their apprenticeship
- ✓ Enhanced '**Logbook**' for on-site performance evidence created by our (DLR) team
 - Meets the new apprenticeship onsite evidence requirements
 - Fully mapped to all criteria
 - Supports Quality Assurance
- ✓ **Smartscreen (live now)**
 - Lesson plans
 - Worksheets
 - Sample schemes of work
 - PowerPoint presentations for knowledge based delivery
- ✓ **Enhanced Smartscreen** (coming September 2017) which will be made up of
 - Extensive e-learning material covering a range of core units – containing videos demonstrating practical tasks that learners will need to carry out, combined with interactive quizzes providing feedback
 - Interactive learning resources
 - Videos demonstrating practical tasks that learners will need to carry out
- ✓ Text books are in the process of being updated and will be available to purchase in September 2018 to incorporate the 18th edition wiring regulations
- ✓ Learning Assistant (E-portfolio)

Click on the following links for further information

[Web page](#)

[Downloadable factsheet](#)

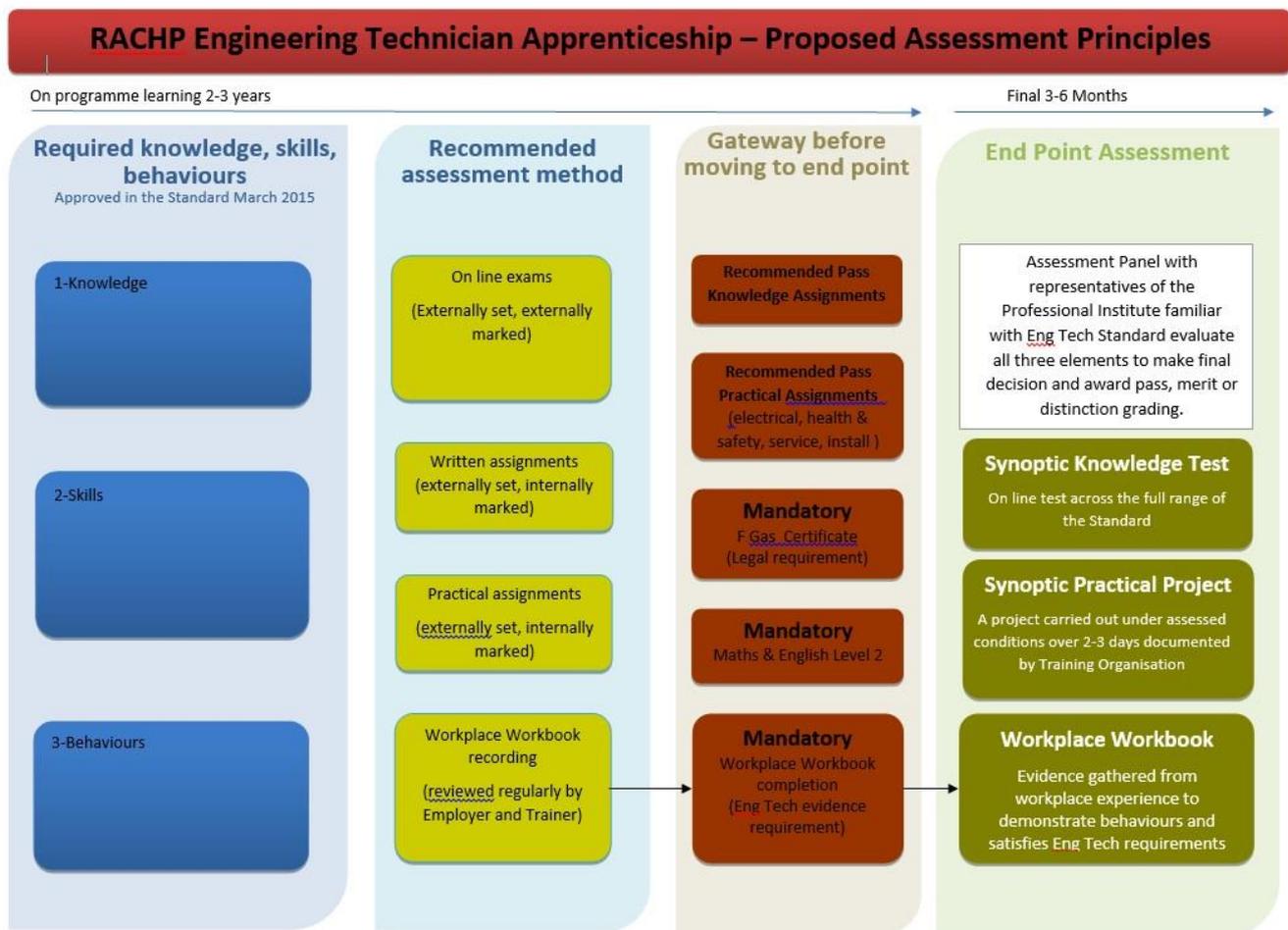
Refrigeration & Air-Conditioning (on programme live)

6090 is the new **Refrigeration Air Conditioning and Heat Pump Engineering Technician** standard to replace the current 6187 (SASE) product (England only). This product consists of on-programme and End Point Assessment. The current SASE framework is being considered for withdrawal by DfE (Department for Education) in April 2018. The End Point Assessment is currently being developed by the Trailblazer group. A series of FAQ's is being created this will be available to all centres shortly. For more information on the removal of frameworks, please click [Here](#)

Our offer in a nutshell:

- ✓ On-programme has been agreed and is now live for centres to register
- ✓ On-programme qualification consists of a level 2 and level 3 qualification
- ✓ Focuses on the technical content of the course. This is assessed through assignments and multiple choice onscreen testing
- ✓ There is no work place assessment within these two qualifications
- ✓ Work based evidence will be captured within a newly created workbook
- ✓ The on-programme package for centres will consist off - one registration which will give them access to
 - Level 2 Qualification (6090)
 - Level 3 Qualification (6090)
 - 2079-11 (F-Gas) Mandatory (as part of the overall standard)
- ✓ The employer group and wider consultation are currently developing the end point assessment
- ✓ City & Guilds will be an End point Assessment delivery provider for this standard
- ✓ Please click on the following link for further information [Here](#)

Below is an illustration of the delivery model:



Heating & Ventilation (Level 2 on programme live; Level 3 under development)

6288 is the new Building Services Engineering Installer standard at level 2 and Building Services Engineering Craftsperson₃ are to replace the current 6188 (SASE) products (England) only. This product consists of on-programme and End point assessment. The current SASE framework is being considered for withdrawal by DfE in April 2018. For more information on the removal of frameworks please click [Here](#)

Our offer in a nutshell:

- ✓ The level 2 assessment plan for Installer now approved
- ✓ The level 3 assessment plan for Craftsperson is in the process for gaining approval from DfE.
- ✓ On-programme offer – each standard has a mandatory qualification named on the standard. These have been developed by City and Guilds and Handbooks will be available on the website shortly.
- ✓ Level 2 very similar unit content to current 6188 Level 2- however the assessment of the 4 systems (cold, hot, heating and chilled) will be assessed through one Multiple choice test rather than 4 separate tests. There are also some assignments.

- ✓ Level 3 consists of assignments and MCOs, it also included the water regulations and unvented hot water systems qualifications (3345)
- ✓ The fuel unit will contain the ACS alignment to the Limited Scope pipefitting and therefore will place learners onto the Gas Safe Register to fit gas pipe.
- ✓ There are two elective units which are practical TIG and MMA welding units – the assessments for these are designed so they satisfy BESAs welding criteria.
- ✓ More details around the assessment plan can be found [Here](#)
- ✓ Please look out for further updates around these two standards regarding on-programme package

Plumbing & Heating (Level 3 under development)

We are currently developing the new Plumbing And Domestic Heating Technician standard, to replace the current 618g (SASE) product in England only (618g will continue to be available in Wales, Scotland and Northern Ireland). This new standard will only be at level 3. The assessment plan has only recently been approved. For further information regarding the standard please click [Here](#)

Property Maintenance (Live)

The new Level 2 Property Maintenance Operative apprenticeship is a new occupation that does not directly replace a current (SASE) framework.

Our Offer in a nutshell?

- ✓ Level 2 Property Maintenance Operative qualification
- ✓ Learners to carry out roles and responsibilities associated with general maintenance and the safe and effective management of the building

On programme Offer

- ✓ Available support material (logbook and assignment) for the on programme offer - which has been approved by the employer group as meeting the gateway requirements
- ✓ Enhanced logbook
 - Logbook is structured and easy to followed by the delivery centre as a means to reach the gateway
 - Involves the employer as an expert witness as a means to validate the gateway
- ✓ Research assignment written with employers as a tool to measure the learners progression
- ✓ Handbook to plan delivery and outline areas of training required for the candidate
- ✓ Centres should be making registrations against 9673-11

- ✓ Centre's registering against 9673-11 will be automatically registered against the 9673-01 (On-programme element) and 9673-02 (End-Point Assessment Element)
- ✓ When the on-programme element has been completed and the gateway confirmed the centre will then be able to book End-point practical assessment using 9673-501 (or 551 if the learner is re-sitting) Reservation Request
- ✓ Completing this qualification will support progression into roles such as a Technical Specialist e.g. Electrical or Plumbing and Supervisory and Management roles e.g. Facilities Management

End Point Assessment offer

- ✓ Knowledge test consisting of a practical assessment – followed by an interview around the learners process in carrying out the practical task
- ✓ Quality assurance of the gateway in line with the requirements of the assessment plan
- ✓ Detailed specifications and delivery planner for centres who want to run EPA to enable them to get set up with regards to bays and all requirements
- ✓ EPA assessors who are competent within the relevant trade areas to ensure the employer is receiving a fully competent engineer when leaving the programme
- ✓ For more information please click on the following links

[Factsheet](#)

[Web page](#)

City & Guilds Technicals

Our new Technical Qualifications for 14-19 year olds give learners the most up-to-date and relevant technical skills so they can hit the ground running in their chosen career path – be that a job, university or an apprenticeship. The products have been designed to meet the new guidelines set by the DfE and will also carry UCAS points (at level 3) and be on the performance tables. We have the following qualifications available for centres to register on:

- ✓ Level 2 Technical Certificate in Electrical Installation (360) (8202-20) (Sept 17)
- ✓ Level 2 Technical Certificate in Plumbing (360) (8202-25) (Sept 17)
- ✓ Level 3 Advanced Technical Diploma in Electrical Installation (450) (8202-30) Live
- ✓ Level 3 Advanced Technical Diploma in Plumbing (450) (8202-35) Live

For more detailed information please visit our dedicated Techbac page [Here](#)

New Products & Services

Revamped (2394/5) Initial verification and Periodic Inspection & Testing.

We have now launched the newly revised Initial Verification and Periodic Inspection and testing qualifications, these products are now live and available for registrations. These two products have been updated in line with the IET code of practice . A recording of the webinar, PowerPoint slides and some FAQ's will be available to all centres shortly. Please look out for further communications.

18th Edition Wiring Regulations

The IET plays a key role in electrical installation standards and safety. Working closely with the IET, City & Guilds will be developing the new 18th edition Wiring Regulations BS 7671. This product will be live in 2018, please look out for future updates around content and go-live dates.

Updates / Assessment general

We have recently made some changes to the candidate and assessor packs for 2357 – centres should use the new versions as they are now available for download.

We recently held a webinar on all things gas. The webinar focused on assessments, preparing for an EQA visit and delivering and quality assuring gas. Please click here **Gas webinar**

Funding

Apprenticeship Funding (key points)

- ✓ The government pays 90% of the costs of training and assessment.
- ✓ The employer will be responsible for paying 10% of the costs
- ✓ An employer employing less than 50 people and taking on a new apprentice 100% of the cost will be met by the government.
- ✓ Government proposes to pay £1,000 to employers, and a further £1,000 to training providers if they train a 16-18 year old apprentice.

Funding examples for Frameworks (comparison of current and new funding)

Framework Name and Level	Framework pathway name	Current funding based on average between 16-18 and 19+	Funding band	16-18 employer incentive	Provider uplift for 16-18 (20%)	Total 16-18 provider incentive	Max. possible total provider funding
Business and Administration (3)	Business and Administration	£5,173	Band 3 £2,500	£1,000	£500	£1,500	£4,000
Electro-technical (3)	Electrical Maintenance	£12,166	Band 10 £12,000	£1,000	£2,400	£3,400	£15,400

New Standards equivalents

Standard Name and Level	Funding band	16-18 employer incentive	Total 16-18 provider incentive (inc £1000)	Max. possible total provider funding
Customer Service Practitioner (2)	Band 6 £4,000	£1,000	£1,000	£5,000
Installation Electrician/Maintenance Electrician (3)	Band 12 £18,000	£1,000	£1,000	£19,000

Funding updates (cont.)

The list for 2017 to 2018 list of qualifications in the level 2 and level 3 legal entitlement offer has now been released. Some of the products within the BSE portfolio have been allocated adult funding for 17/18. For detailed information on which products please click [Here](#)

Extensions

A number of our key products have been extended beyond their current expiry date on Walled Garden. These have been extended by at least two years. Please re-check Walled Garden for registration expiry dates as these are being updated on a weekly basis.

How can we help and support you?

- ✓ Regional networks – please click on the Link [Here](#)
- ✓ Webinars and recorded webinars – focusing on specific areas such as Funding Apprenticeships and the new Technical reforms
- ✓ Evolve analytics – is a new free online results analysis tool for City & Guilds centres, that gives you in depth analysis of your learners' performance for evolve tests
- ✓ e-Certificates - The e-Certificates service is available to all City & Guilds centres at no cost
- ✓ NEW! - Email updates – sign up today to be updated on:
 - Qualifications
 - Assessment changes
 - C&G's Events running
 - Please follow us on twitter [@BSE_CG](#)
- ✓ Our Building Services Team:
 - Technical Advisors
 - Industry manager
 - Customer support
 - Product support

