

For the attention of the Tutors for Building Services Engineering – Mechanical Engineering Services Feb 2012

Qualification Level Number	Building Services Engineering Qualifications 2/3 6129 6089 6189 6127 6128 6187 6188
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This news article contains the following information: Centre update for Plumbing qualifications

The following update gives guidance to centres who are currently offering the suite of City & Guilds Mechanical engineering services qualifications.

News

Assessment and general guidance

A general guidance document has been created to help centres understand what materials they need to download from the City & Guilds website to run the plumbing qualifications. This can be found under the documents tab on the 6189 web page.

6189-205

(Understand and carry out site preparation and pipework fabrication techniques for domestic plumbing and heating systems)

Task B1 (fabricating a copper pipe) in the assignment 6189-205 has required the use of pressfit coupler and pressfit elbow. While these are valid fittings to use for the assessment and do cover the range in the Assessment Criteria, these are not common fittings used in domestic plumbing contexts and can also incur a higher financial cost to the centres delivering this assessment. We have therefore removed this requirement from Task B1 and have updated the Assessor Guidance for Practical Assignments document on the website.

Please note that if you have been using the pressfit fittings, this is valid assessment of your candidates and if you want to continue using the previous specification this is absolutely fine.

We have made these changes based on centre feedback and we appreciate your continued feedback on our products.



Gas Assessments (Plumbing)

The gas assessments within the new 6189 32 & 42 6189-33 & 43) qualification are also available, they are structured in the following way.

ISA – Independent Summative Assessments

These are the Gas Safe (ACS) aligned tests which are to specified RWE with specified faults.

They consist of:

Candidate Job Sheet

Assessor Checklist

Route Plan (RWE + faults)

These will be mapped to the evidence requirements to minimise the RWE required in the evidence requirements

Question papers – available for each unit to meet the needs of the unit knowledge requirements.

Additional Assignments – It is difficult to cover all the knowledge by questions so these will fill the gaps

Assessor checklists – these are for the work based assessments

Candidate Logbook – for capturing the work based evidence ISAs

and QPs have already being uploaded to our website

Passwords however will have to be obtained from Blue Flame to satisfy the Gas Safe ACS requirements. A form is now available on the qualification web page (6189) for this. Centres need to download the form and send this back to email address provided.

APL

Centres wishing to register candidates who are eligible for APL from the current technical certificate (6129) can do so. These complexes are now live. Please refer to the Walled Garden for pricing.

Additional requirements for achievements of the Framework qualification

NQF QUALIFICATION ALREADY ACHIEVED	APL ADDITIONAL REQUIREMENTS FOR ACHIEVEMENT OF THE FRAMEWORK QUALIFICATION
<p>LEVEL 3 VRQ (6129-33 AND 36)</p>	<p>6189-71- Level 3 NVQ Diploma in Domestic Plumbing and Heating APL route</p> <ul style="list-style-type: none"> • Certificate in water supply (water fittings) water regulations 1999 • Certificate covering the latest requirements of Part G (Building regulations) • All the units within the chosen pathway: <ul style="list-style-type: none"> Oil firing pressure jet appliances (345, 307, 308, 309, 310, 311) Oil firing vaporising appliances (345, 307, 308, 312, 313, 314) Solid mineral fuel (345, 315, 316, 317, 318, 319) Biomass fuel (345, 315, 316, 320, 321, 322, 323) Solar thermal (345, 324, 325, 326, 327, 328) Heat pumps (345, 324, 329, 330, 331, 332) Water recycling (345, 324, 333, 334, 335, 336) <p>* Achieve Level 3 QC 6189-31- Level 3 NVQ Diploma in Domestic Plumbing and Heating (600/1122/1)*</p> <p>6189-72 - Level 3 NVQ Diploma in Domestic Plumbing and Heating (Gas Fired Warm Air Appliances) APL route</p> <ul style="list-style-type: none"> • Certificate in water supply (water fittings) water regulations 1999 • Certificate covering the latest requirements of Part G (Building regulations) • Complete units (212, 337, 338, 339, 340, 341, 345) <p>* Achieve Level 3 Framework 6189-32 - Level 3 NVQ Diploma in Domestic Plumbing and Heating (Gas Fired Warm Air Appliances) (600/1124/5)*</p>

6189-73- Level 3 NVQ Diploma in Domestic Plumbing and Heating (Gas Fired Water and Central Heating Appliances) APL route

- Certificate in water supply (water fittings) water regulations 1999
- Certificate covering the latest requirements of Part G (Building regulations)
- Complete units (212, 337, 338, 339, 342, 343, 345)

* Achieve Level 3 Framework 6189-33 - Level 3 NVQ Diploma in Domestic Plumbing and Heating (Gas Fired Water and Central Heating Appliances) (600/1134/8)*

6189-81 - Level 3 NVQ Diploma in Domestic Heating APL route

- Certificate in water supply (water fittings) water regulations 1999
- Certificate covering the latest requirements of Part G (Building regulations)
- All the units within the chosen pathway:
Oil firing pressure jet appliances (306, 307, 308, 309, 310, 311)
Oil firing vaporising appliances (306, 307, 308, 312, 313, 314)
Solid mineral fuel (306, 315, 316, 317, 318, 319)
Biomass fuel (306, 315, 316, 320, 321, 322, 323)
Solar thermal (306, 324, 325, 326, 327, 328)
Heat pumps (306, 324, 329, 330, 331, 332)
Water recycling (306, 324, 333, 334, 335, 336)

* Achieve Level 3 Framework Level 3 NVQ Diploma in Domestic Heating (600/1473/8)

6189-82 - Level 3 NVQ Diploma in Domestic Heating (Gas Fired Warm Air Appliances)

- Certificate in water supply (water fittings) water regulations 1999
- Certificate covering the latest requirements of Part G (Building regulations)
- Complete units (212, 306, 337, 338, , 339, 340, 341)

* Achieve Level 3 NVQ Diploma in Domestic Heating (Gas Fired Warm Air Appliances) (600/1116/6)*

	<p>6189-83 - Level 3 NVQ Diploma in Domestic Heating (Gas Fired Water and Central Heating Appliances) (600/1117/8)</p> <ul style="list-style-type: none"> • Certificate in water supply (water fittings) water regulations 1999 • Certificate covering the latest requirements of Part G (Building regulations) • Complete units (212, 306, 337, 338, 339, 342, 343) <p>* Achieve Level 3 Framework Diploma in Domestic Heating (Gas Fired Water and Central Heating Appliances) (600/1117/8)*</p>
<p>LEARNERS WITH LEVEL 2 VRQ (6129-22 AND 26)</p>	<p>6189-74 LEVEL 2 NVQ DIPLOMA IN PLUMBING AND HEATING (APL)</p> <ul style="list-style-type: none"> • COMPLETE 019, 020. <p>6189-75 LEVEL 2 NVQ DIPLOMA IN INSTALLING AND MAINTAINING DOMESTIC HEATING SYSTEMS</p> <ul style="list-style-type: none"> • COMPLETE 019, 022

Level 2

6189-74 Level 2 NVQ Diploma Level 2 in Plumbing and Heating (APL)

6189-75 Level 2 NVQ Diploma in Installing and Maintaining Domestic Heating Systems (APL)

Level 3

6189-71: Level 3 NVQ Diploma in Domestic Plumbing and Heating (APL)

6189-72: Level 3 NVQ Diploma in Domestic Plumbing and Heating (Gas Fired Warm Air Appliances) (EUSGU0021) (APL)

6189-73- Level 3 NVQ Diploma in Domestic Plumbing and Heating (Gas Fired Water and Central Heating Appliances) (APL)

6189-81 - Level 3 NVQ Diploma in Domestic Heating (APL)

6189-82 - Level 3 NVQ Diploma in Domestic Heating (Gas Fired Warm Air Appliances) (APL)

6189-83 - Level 3 NVQ Diploma in Domestic Heating (Gas Fired Water and Central Heating Appliances) (APL)

Portfolio/Logbooks

Logbooks for 6189 levels 2 and 3 are now available on the 6189 web page for centres to download at no extra cost. These logbooks are for the performance units only (work based evidence and not for any Gas units).

There is now a final draft portfolio for the Gas complexes within the level 3 (6189). Centres who would like to obtain a copy please send a request to:

Darren.quinn@cityandguild.com

An Exemplar logbook is also now available on the 6189 web page – which shows assessors how to complete the forms within the qualification.

6187 Level 2 & 3 Refrigeration – Certificates/Diplomas

Individual Logbooks are now available for each of the refrigeration/air-conditioning pathways within the 6187 suite of qualifications (including Continuing Professional Development quals) on the City & Guilds website. These logbooks are used for assessing and recording learner evidence for the performance units.

Availability of assessments

The following assessments are now available on the City & Guilds website. Please visit the 6187 pages and select the 'Assessments' tab

231 Understand and carry out brazing techniques for RAC systems – MC question pack
231 Understand and carry out brazing techniques for RAC systems – Answer pack

318 Understand ammonia refrigeration system installation and commissioning techniques – MC Question pack
318 Understand ammonia refrigeration system installation and commissioning techniques – Answer pack

501 Understand and carry out safe working practices in BSE – Assignment

530 Handling Fluorinated Gases & Ozone-depleting substances – Category I - Assignment

602 Understand and carry out electrical work on RAC systems and components – Assignment Guide

The following multiple choice papers are available on the Walled Garden

201 Understand and carry out safe working practices in BSE
202 Understand how to communicate with others in BSE
203 Understand how to apply environmental protection measures within BSE
204 Understand how to apply scientific principles within BSE

6188 Level 2 & 3 Heating & Ventilating – Diplomas

Individual Logbooks are now available for each of the pathways within the 6188 Level 2 & 3 suite of qualifications on the City & Guilds website. These logbooks are used for assessing and recording learner evidence for the performance units.

There have also been some changes to the range items within some of the Performance units within both the Level 2 & 3 qualifications. A full list of the changes are included in a 'Changes to Scope' document on the 6188 pages of the City & Guilds website.

Future developments

We are currently in the process of developing replacements for our technical certificates (6127, 6128, and 6129). The new Framework qualifications will be live and available to all centres from September 2012. We are hoping to have pre-launch materials available by the end of March so centres can start curriculum and marketing planning.

Network Events

We will be hosting another round of network events at all City & Guilds offices around the country. This is an excellent opportunity to find out about future Framework developments and other developments within the BSE sector. The events will be taking place in April and May, further details to follow.

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