

ACS GUIDANCE NOTE 8 (Version 5)

FOR CERTIFICATION BODIES.

This Guidance Note has been up dated (01.06.08) to amend Category 1 & Appendix 1 (UK Qualifications and Certification Schemes) and their suitability for accessing ACS assessments.

Category 1, 2 and 3 Application Conditions

Category 1

Applicants in this category are regarded as experienced gas fitting operatives; they will need to provide evidence to the Assessment Centre prior to taking ACS assessments that they possess a gas fitting qualification or certificate(s) of gas safety competence issued either within or outside of the UK. The date of issue of their qualification/gas safety certificate may be greater than the normal five year validity period.

Applicants in this category who only hold limited scope certificates of gas safety competence in ACS which do not require connection to a live gas supply e.g. ICAE 1LS or ICPN 1LS, or who are not required to enter a property e.g. CMA 2LS with MET 3LS will if they intend to extend their range of gas work, present evidence of that additional gas work experience to the Assessment Centre prior to taking assessment. See evidence requirements detailed in Category 2.

Limited scope operatives holding NVQ 'Appliance Pathway Certificates' in metering awards 6012-12 & 6012-13 will if they intend to extend their range of gas work to include appliances, need to undertake CCN1 & appropriate appliance assessments.

**6012-12 & 6012-13 are only now equivalent to CMA1. & replaced 6012-22 & 6012-32 from August 2007*

Category 2

Applicants in this category are regarded as holding a nationally recognised qualification e.g. NVQ or City & Guilds craft certificate in a trade associated with gas work, e.g. plumbing. Application conditions for this category requires that the applicant provides to the Assessment Centre evidence of their qualification and written evidence confirming that they have undertaken 'On the Job' gas installation and/or maintenance training and have experience of gas work that has been carried out under the direct supervision of a competent operative(s) employed by a CORGI registered business. The Assessment Centre will need to be satisfied that the applicant has a sufficiency and range of gas work experience relating to the application, in accordance with the requirements below.

The Assessment Centre should ensure that a competent member of staff evaluates all evidence presented by the candidate and makes a professional judgement on its content and suitability against the areas of assessment the candidate intends to undertake.

Applicants need to provide to the Assessment Centre evidence of this Off the Job training and On the Job experience. The evidence must consist as a minimum the following:

- Name, address and the CORGI registration number of the business(s) providing the training.
- The start and end dates of the Off the Job training programme.
- The start and end dates of the On the Job training programme.

- The types and sufficiency of gas work undertaken (not plumbing or other related work activities).
- The name(s) of the competent operative(s) of the business that has provided the On the Job training.

Assessment Centres if they doubt the authenticity of the information presented by the applicant must decline access to ACS assessment.

Category 3

Applicants in this category are regarded as new to the gas industry, which are not holding any national qualifications nor have any gas work experience. Application conditions for this category require that the Category 3 applicant may as an alternative to achieving a Gas Services N/SVQ either;

- Obtain employment with a CORGI registered business which is willing to provide an auditable extended 'in house' gas training programme incorporating both On and Off the Job components with organisational support prior to the applicant taking ACS assessment.
- Undertakes a training programme which is planned, managed and organised by a training provider. This training programme will incorporate both On and Off the Job training and experience with organisational support prior to the applicant taking ACS assessment. The On the Job training component will be carried out by a CORGI registered business in accordance with a training plan and programme designed by the training provider.

Evidence of the contents of the programme detailing the Off the Job training and On the Job experience must be presented to the Assessment Centre as described in Category 2 previously.

GUIDANCE TO TYPICAL TRAINING DURATIONS FOR APPLIANCE TRAINING AND ON THE JOB EXPERIENCE

The following is intended to provide further guidance to Assessment Centres on the typical training and experience durations expected to have been undertaken by Category 2 and 3 applicants.

CORE GAS SAFETY	APPLIANCE TYPE	COMBINED OFF AND ON THE JOB TRAINING DURATION	
		Category 2	Category 3
CCN 1	COOKERS	8 weeks 40 days	16 weeks 80 days
CCN 1	** CENTRAL HEATING	14 weeks 70 days	28 weeks 140 days
CCN 1	SPACE HEATING	10 weeks 50 days	20 weeks 100 days
CCN 1	METERS up to U6	6 weeks 30 days	12 weeks 60 days
CCN 1	** WARM AIR (stub duct)	10 weeks 50 days	20 weeks 100 days

** The durations of these training programmes includes work activities other than just gas work

The durations take into account the inefficiencies of carrying out the right type of On the Job training. These periods are likely to be reduced where the right type of work is readily available.

See below the definition of On the Job, which sets out an example of the right type of gas work to be undertaken.

Where the training programme includes more than one appliance the total duration **is not** the sum of the combined appliances e.g. Category 2 CCN 1 and Cookers (8 weeks) plus CCN 1 and Space Heaters (10 weeks) 18 weeks in total. The combined duration will reflect that CCN 1 is common to both appliances.

The duration of the training programme should be balanced between the On and Off the Job.

Definitions

Off the Job – Training carried out in an appropriate Training Centre within theory areas and practical workshops which simulate realistic work situations. The Off the Job training programme should be balanced between theory and practical work.

On the Job – Training carried out in customer's premises, under the direct supervision of a competent operative(s) employed by a CORGI registered business. With the business ensuring that a sufficiency of the right type of gas work is completed and a record kept of that work. (Right type of gas work means for example CCN 1 and CEN 1 installing and or exchanging a range of different appliance types, installation of gas pipework, testing and purging same, servicing, repairing and fault diagnosis of central heating boilers, calculating ventilation requirements, identification of unsafe situations etc).

The following are genuine examples of applicants applying for ACS assessment. They have been provided by an approved Assessment Centre.

Applicant 1

Experience: Former British Gas Service Engineer, CORGI Inspector, Calor Gas Technical Officer, Incident investigation and Expert Witness.

Qualifications: City and Guilds Gas Service Engineer, Degree – Building Services – MSc Gas Engineering, ACoP 1 – 15 expired 2 years ago.

No 'hands on' practical work carried out for several years.

This applicant meets the requirements for Category 1 providing evidence of gas fitting qualifications are presented to the Assessment Centre prior to taking assessment.

Applicant 2

Experience: Calor Engineering – Senior Test House Laboratory Manager, Writing technical standards for Calor and the LPGA, Incident investigation and Expert Witness.

Qualifications: PHD (Engineering discipline), No previous ACoP certification.

This applicant from the information provided has no gas work experience or national qualifications. Therefore should be regarded as a Category 3 applicant.

Applicant 3

Experience: British Gas Service Engineer (23 years), New Zealand Gas Company (8 years), Returned to UK in May 2003, applied for ACS September 2003.

Qualifications: City and Guilds Gas Service Engineer, no previous ACoP certification.

31 years practical gas work experience – no witness testimony.

This applicant meets the requirements for Category 1 providing evidence of gas fitting qualification is presented to the Assessment Centre prior to taking assessment.

Applicant 4

Experience: Cavity wall insulation operative – 11 months experience.

Qualifications: Current ACoP 1 – 3 obtained by attending a 1 day Gas Safety Course for cavity wall operatives.

Only hands on practical work comprises of carrying out several spillage/flue flow tests.

This applicant, from the information provided has no gas work qualifications or experience. Therefore should be regarded as a Category 3 applicant.

Applicant 5

Experience: Local Council Clerk of Works.

Qualifications: Current ACoP 1 – 1 day course on Gas Safety (Installation and Use) Regulations.

No hands on practical work in gas fitting.

This applicant from the information provided has no apparent gas work qualifications or experience. Therefore should be regarded as a Category 3 applicant.

Applicant 6

Experience: 10 years non domestic installation of mechanical heating and ventilation equipment.

Qualifications: None.

Has helped CORGI registered gas installers with some (unspecified) gas work. Evidence of that gas work is not available as the installation businesses are no longer trading.

This applicant from the information provided has no recorded gas work qualifications or experience. Therefore should be regarded as a Category 3 applicant.

Applicant 7

Experience: 10 years non domestic installation of mechanical heating and ventilation equipment including gas work.

Qualifications: City and Guilds Heating and Ventilation (H&V) qualification.

Has worked with CORGI registered gas installers on a range of gas work associated with H and V work.

This applicant meets the requirements for Category 2 providing evidence of gas work experience is presented to the Assessment Centre and an appropriate training programme is undertaken prior to taking assessment.

UK QUALIFICATIONS AND CERTIFICATION SCHEMES AND THEIR SUITABILITY FOR ACCESSING ACS ASSESSMENTS

The following tables contain details of Awards and Certification Schemes which are either suitable or not suitable for access to ACS assessments. The tables should not be regarded as exhaustive .

Although identified as being suitable awards, all applicants for ACS assessment(s) in these Categories, **MUST in addition** meet the entry requirements for Category 2 by either producing evidence of a completed managed gas training programme containing 'off the job' training and 'on the job' gas work experience or will now need to undertake such a managed learning programme.

Table 1 Plumbing

<i>Name of Award or Certificate</i>	<i>Type of Award or Certificate</i>	<i>City and Guilds Scheme and Complex Numbers</i>	<i>Award or Certificate Level</i>	<i>Suitable Not suitable</i>	<i>Suitable for; Type of ACS Assessment</i>
<i>Plumbing</i>	<i>NVQ</i>	<i>6089</i>	<i>2</i>	<i>Suitable – Cat 2</i>	<i>Dom Appliances</i>
<i>Plumbing</i>	<i>NVQ</i>	<i>6089</i>	<i>3</i>	<i>Suitable – Cat 2</i>	<i>Dom Appliances</i>
<i>Plumbing – Basic Plumbing Technical Certificate</i>	<i>Vocational Award</i>	<i>6129-22</i>	<i>2</i>	<i>Not suitable</i>	<i>NA</i>
<i>Plumbing – Plumbing Studies Technical Certificate</i>	<i>Vocational Award</i>	<i>6129-33</i>	<i>3</i>	<i>Not suitable</i>	<i>NA</i>
<i>Plumbing - Certificate in Plumbing</i>	<i>Vocational Award</i>	<i>6988</i>	<i>1</i>	<i>Not suitable</i>	<i>NA</i>
<i>Plumbing</i>	<i>NVQ</i>	<i>6009</i>	<i>2</i>	<i>Suitable – Cat 2</i>	<i>Dom Appliances</i>
<i>Plumbing</i>	<i>NVQ</i>	<i>6009</i>	<i>3</i>	<i>Suitable – Cat 2</i>	<i>Dom Appliances</i>
<i>Plumbing</i>	<i>NVQ</i>	<i>6019</i>	<i>2</i>	<i>Suitable – Cat 2</i>	<i>Dom Appliances</i>
<i>Plumbing</i>	<i>NVQ</i>	<i>6019</i>	<i>3</i>	<i>Suitable – Cat 2</i>	<i>Dom Appliances</i>
<i>Plumbing (Issued only in Northern Ireland)</i>	<i>NVQ</i>	<i>6024</i>	<i>2</i>	<i>Suitable – Cat 2</i>	<i>Dom Appliances</i>
<i>Plumbing (Issued only in Northern Ireland)</i>	<i>NVQ</i>	<i>6024</i>	<i>3</i>	<i>Suitable – Cat 2</i>	<i>Dom Appliances</i>
<i>Plumbing</i>	<i>NVQ</i>	<i>6009</i>	<i>3</i>	<i>Suitable – Cat 2</i>	<i>Dom Appliances</i>
<i>Plumbing</i>	<i>Full Craft Certificate</i>	<i>603</i>	<i>No level</i>	<i>Suitable – Cat 2</i>	<i>Dom Appliances</i>
<i>Plumbing, Hot, Cold Systems, Gas and oil</i>	<i>Full Craft Certificate</i>	<i>596-1</i>		<i>Not suitable</i>	<i>NA</i>
<i>Plumbing Sanitary Plumbing</i>	<i>Advanced Craft Cert</i>	<i>596–2</i>	<i>No level</i>	<i>Suitable - Cat 2</i>	<i>Dom Appliances</i>
<i>Plumbing Domestic Heating</i>	<i>Advanced Craft Cert</i>	<i>596–2</i>	<i>No level</i>	<i>Suitable – Cat 2</i>	<i>Dom Appliances</i>
<i>Plumbing</i>	<i>Full Craft Certificate</i>	<i>617</i>	<i>No level</i>	<i>Suitable – Cat 2</i>	<i>Dom Appliances</i>
<i>Plumbing – add on certificate (ACoP 1-5)</i>	<i>Add On Certificate</i>	<i>6041</i>	<i>No level</i>	<i>Suitable – Cat 1</i>	<i>Dom Appliances</i>
<i>Plumbing – Copper Tube Advice and Installation</i>	<i>-</i>	<i>6022</i>	<i>2</i>	<i>Not suitable</i>	<i>NA</i>
<i>Marine Plumbing</i>	<i>Craft Certificate</i>	<i>6030</i>	<i>No level</i>	<i>Not suitable</i>	<i>NA</i>

Table 2 Heating and Ventilation

<i>Name of Award or Certificate</i>	<i>Type of Award or Certificate</i>	<i>City and Guilds Scheme and Complex Numbers</i>	<i>Award or Certificate Level</i>	<i>Suitable Not suitable</i>	<i>Suitable for; Type of ACS Assessment</i>
<i>Heating and Ventilation in Domestic Installation</i>	NVQ	6088-01(Gas option 201)	2	<i>Suitable – Cat 2</i>	<i>Dom Appliances</i>
<i>Heating and Ventilation in Domestic Installation</i>	NVQ	6088-05(Gas option 301)	3	<i>Suitable – Cat 2</i>	<i>Dom Appliances</i>
<i>Heating and Ventilation in Ind & Com Installation</i>	NVQ	6088-02	2	<i>Suitable – Cat 2</i>	<i>ND Appliances & Pipework</i>
<i>Heating and Ventilation in Ind & Com Installation</i>	NVQ	6088-06	3	<i>Suitable – Cat 2</i>	<i>ND Appliances & Pipework</i>
<i>Heating and Ventilation in Maintenance of System Components</i>	NVQ	6088-03	2	<i>Suitable - Cat 2</i>	<i>ND Appliances & Pipework</i>
<i>Heating and Ventilation in Rectification of Systems</i>	NVQ	6088-07	3	<i>Suitable – Cat 2</i>	<i>ND Appliances & Pipework</i>
<i>Heating and Ventilation in Ductwork</i>	NVQ	6088-04	2	Not suitable	NA
<i>Heating and Ventilation in Ductwork</i>	NVQ	6088-08	3	Not suitable	NA
<i>Heating and Ventilation – Technical Certificate</i>	<i>Vocational Award</i>	6128	2	Not suitable	NA
<i>Heating and Ventilation – Technical Certificate</i>	<i>Vocational Award</i>	6128	3	Not suitable	NA
<i>Heating and Ventilation – Installation</i>	NVQ	6018-02	2	<i>Suitable – Cat 2</i>	<i>ND Appliances & Pipework</i>
<i>Heating and Ventilation –Installation</i>	NVQ	6018-03	3	<i>Suitable – Cat 2</i>	<i>ND Appliances & Pipework</i>
<i>Heating and Ventilation – Maintenance of System Components</i>	NVQ	6018-04	2	<i>Suitable – Cat 2</i>	<i>ND Appliances & Pipework</i>
<i>Heating and Ventilation – Rectification of Systems</i>	NVQ	6018-05	3	<i>Suitable – Cat 2</i>	<i>ND Appliances & Pipework</i>
<i>Heating and Ventilation</i>	NVQ	6008	2	<i>Suitable – Cat 2</i>	<i>ND Appliances & Pipework</i>
<i>Heating and Ventilation</i>	NVQ	6008	3	<i>Suitable – Cat 2</i>	<i>ND Appliances & Pipework</i>
<i>Heating and Ventilation – Heating and Ventilating Fitting</i>	VQ	6040-02	2	<i>Suitable – Cat 2</i>	<i>ND Appliances & Pipework</i>
<i>Heating and Ventilation – Heating and Ventilating Fitting</i>	<i>Full Craft certificate</i>	597-2	<i>No level</i>	<i>Suitable – Cat 2</i>	<i>ND Appliances & Pipework</i>
<i>Heating and Ventilation – Domestic Heating</i>	<i>Full Craft certificate</i>	597-2	<i>No level</i>	<i>Suitable – Cat 2</i>	<i>Dom Appliances</i>
<i>Heating and Ventilation Construction Services Welding</i>	<i>Full Craft certificate</i>	599-2	<i>No level</i>	<i>Suitable – Cat 2</i>	<i>ND Pipework</i>
<i>Heating and Ventilation – add on certificate (ACoP 1-5)</i>	<i>Add On Certificate</i>	6041	<i>No level</i>	<i>Suitable – Cat 1</i>	<i>Dom Appliances</i>
<i>Pipe Fitting</i>	<i>Craft Certificate</i>	6756	<i>No level</i>	Not suitable	NA

Table 3 Refrigeration and Air Conditioning

<i>Name of Award or Certificate</i>	<i>Type of Award or Certificate</i>	<i>City and Guilds Scheme and Complex Numbers</i>	<i>Award or Certificate Level</i>	<i>Suitable Not suitable</i>	<i>Suitable for; Type of ACS Assessment</i>
<i>Refrigeration and Air Conditioning – Small Commercial & Air Conditioning Systems</i>	NVQ	6087-02	2	<i>Suitable – Cat 2</i>	<i>ND Appliances & Pipework</i>
<i>Refrigeration and Air Conditioning – Commercial & Air Conditioning Systems</i>	NVQ	6087-03	3	<i>Suitable – Cat 2</i>	<i>ND Appliances & Pipework</i>
<i>Refrigeration and Air Conditioning – Ammonia Refrigeration Systems</i>	NVQ	6087-04	3	<i>Suitable – Cat 2</i>	<i>ND Appliances & Pipework</i>
<i>Refrigeration and Air Conditioning – Commercial & Industrial Refrigeration Systems Non-Ammonia</i>	NVQ	6087-05	3	<i>Suitable – Cat 2</i>	<i>ND Appliances & Pipework</i>
<i>Refrigeration and Air Conditioning</i>	NVQ	6017	2	<i>Suitable – Cat 2</i>	<i>ND Appliances & Pipework</i>
<i>Refrigeration and Air Conditioning</i>	NVQ	6017	3	<i>Suitable – Cat 2</i>	<i>ND Appliances & Pipework</i>
<i>Refrigeration and Air Conditioning – Technical Certificate</i>	<i>Vocational award</i>	6127	2	<i>Not suitable</i>	<i>NA</i>
<i>Refrigeration and Air Conditioning – Technical Certificate</i>	<i>Vocational Award</i>	6127	3	<i>Not suitable</i>	<i>NA</i>
<i>Refrigeration and Air Conditioning – Handling Refrigerants</i>	<i>Vocational award</i>	2078	2	<i>Not suitable</i>	<i>NA</i>
<i>Refrigeration and Air Conditioning – Handling Refrigerants</i>	<i>Vocational Award</i>	2078	3	<i>Not suitable</i>	<i>NA</i>

Table 4 Oil Fired Technical Services

<i>Name of Award or Certificate</i>	<i>Type of Award or Certificate</i>	<i>City and Guilds Scheme and Complex Numbers</i>	<i>Award or Certificate Level</i>	<i>Suitable Not suitable</i>	<i>Suitable for; Type of ACS Assessment</i>
<i>Oil Fired Technical Services – Oil Fired Systems and Equipment Installation Domestic/Light Commercial up to 45kW</i>	NVQ SVQ	0785 0786	2	<i>Suitable – Cat 2</i>	<i>CCN 1&CEN 1 or Commercial Heating Appliances</i>
<i>Oil Fired Technical Services –Oil Storage/Supply Systems and Associated Equipment Installation Dom/Com/Ind</i>	NVQ SVQ	0785 0786	2	Not Suitable	NA
<i>Oil Fired Technical Services –Service and Commission Oil Fired Systems and Equipment</i>	NVQ SVQ	0785 0786	3	<i>Suitable – Cat 2</i>	<i>CCN 1&CEN 1 or Commercial Heating Appliances</i>
<i>Oil Fired Technical Services –Design and Install Oil Storage/Supply Systems and Associated Equipment</i>	NVQ SVQ	0785 0786	3	<i>Suitable – Cat 2</i>	<i>CCN 1&CEN 1 or Commercial Heating Appliances</i>
<i>Oil Fired Technical Services –Design and Install Oil Storage/Supply Systems and Associated Equipment</i>	NVQ SVQ	0785 0786	2	Not Suitable	NA
<i>OFT101 Domestic/Light Commercial oil firing commissioning and servicing- pressure jet appliances</i>	<i>Craft Certificate</i>	<i>OFTEC Awarded</i>	NA	Not Suitable	NA
<i>OFT102 Domestic/Light Commercial oil firing and servicing- vapourising appliances</i>	<i>Craft Certificate</i>	<i>OFTEC Awarded</i>	NA	Not Suitable	NA
<i>OFT105E Domestic / Light Commercial Oil Firing System Installation with energy efficiency module</i>	<i>Vocational</i>	<i>OFTEC Awarded</i>	NA	Not Suitable	NA
<i>OFT600A Advanced Domestic/Light Commercial Oil Storage Tank Installation Technician</i>	<i>Vocational</i>	<i>OFTEC Awarded</i>	NA	Not Suitable	NA

Table 5 Gas Network Operations

Name of Award or Certificate	Type of Award or Certificate	City and Guilds Scheme and Complex Numbers	Award or Certificate Level	Suitable Not suitable	Suitable for; Type of ACS Assessment
Gas Network Operations	NVQ	6029 - 01	1	Not suitable	NA
Gas Network Operations (Mainlaying)	NVQ	6029 - 02	2	Not suitable	NA
Gas Network Operations (Servicelaying)	NVQ	6029 - 03	2	Suitable – Cat 2	LS Meter Inst'n
Gas Network Operations (Craft)	NVQ	6029 - 04	3	Suitable – Cat 2	LS Meter Inst'n
Gas Network Operations (Unit Route)	NVQ	6029 - 91	No Level	Not suitable	NA
Gas Distribution Scheme Units 1 – 2 Mate	Vocational Award	CITB Awarded	No Level	Not suitable	NA
Gas Distribution Scheme Units 1 – 4 S Layer	Vocational Award	CITB Awarded	No Level	Suitable – Cat 2	LS Meter Inst'n
Gas Distribution Scheme Units 1 – 3 & 5 M Layer	Vocational Award	CITB Awarded	No Level	Not suitable	NA
Gas Distribution Scheme Units 1 – 5 Mains and Services (Multiskilled)	Vocational Award	CITB Awarded	No Level	Suitable – Cat 2	LS Meter Inst'n

Table 6 Gas Installation and Maintenance

Name of Award or Certificate	Type of Award or Certificate	City and Guilds/SQA Scheme and Complex Numbers	Award or Certificate Level	Suitable Not Suitable	Suitable for; Type of ACS Assessment
Gas Installation and Maintenance - NG	NVQ/SVQ	6012-02 (60) - G6PN-22	2	Suitable - Cat 1	Dom Appliances
Gas Installation and Maintenance - NG	NVQ/SVQ	6012-03 (70) - G6PR-23	3	Suitable - Cat 1	Dom Appliances
Gas Installation and Maintenance – Emergency Service Operations - NG	NVQ/SVQ	6012-04 (80) - G6PT-23	3	Suitable - Cat 1	Dom Appliances
Gas Installation and Maintenance – Emergency Service Operations - NG	NVQ	6012-05	3	Suitable - Cat 1	Dom Appliances
Gas Installation and Maintenance – Emergency Service Operations – NG & LPG	NVQ	6012-06	3	Suitable - Cat 1	Dom Appliances NG & LPG
Gas Installation and Maintenance – Emergency Service Operations - NG	NVQ	6012-44	3	Suitable - Cat 1	Dom Appliances
Gas Installation and Maintenance – Emergency Service Operations - NG	NVQ	6012-55	3	Suitable - Cat 1	Dom Appliances
Gas Installation and Maintenance – Emergency Service Operations – NG & LPG	NVQ	6012-66	3	Suitable - Cat 1	Dom Appliances NG & LPG
Appliance Pathway Route - Cookers	NVQ	6012 -20	2	Suitable – Cat 1	Dom Appliances
Appliance Pathway Route – Central Heating	NVQ/SPA*	6012 – 21 (62) - G7G3-04	2	Suitable – Cat 1	Dom Appliances
Appliance Pathway Route – Meters	NVQ	6012 -22 now 6012-12	2	Suitable – Cat 1	Meters only
Appliance Pathway Route Space Heaters	NVQ	6012 – 24	2	Suitable – Cat 1	Dom Appliances
Appliance Pathway Route - Warm Air	NVQ	6012 – 25	2	Suitable – Cat 1	Dom Appliances
Appliance Pathway Route – Cookers	NVQ	6012 – 30	3	Suitable – Cat 1	Dom Appliances
Appliance Pathway Route - Central Heating	NVQ	6012 – 31	3	Suitable – Cat 1	Dom Appliances
Appliance Pathway Route - Meters	NVQ	6012- 32 now 6012-13	3	Suitable – Cat 1	Meters only
Gas Installation and Maintenance - Installation	NVQ/SVQ	6034-01/G6PH-22	2	Suitable - Cat 1	Dom Appliances
Gas Installation and Maintenance - Maintenance	NVQ/SVQ	6034-02/G6PK-22	2	Suitable - Cat 1	Dom Appliances
Gas Installation and Maintenance - Installation	NVQ/SVQ	6034-03/G6PJ-23	3	Suitable - Cat 1	Dom Appliances

Table 6 Gas Installation and Maintenance (Continued)

<i>Gas Installation and Maintenance - Maintenance</i>	NVQ/SVQ	6034-04/G6PM-23	3	<i>Suitable - Cat 1</i>	<i>Dom Appliances</i>
<i>Gas Installation and Maintenance Industrial & Commercial</i>	NVQ	6224-21	2	<i>Suitable - Cat 1</i>	<i>ND Appliances</i>
<i>Gas Installation and Maintenance Industrial & Commercial</i>	NVQ	6224-22	2	<i>Suitable - Cat 1</i>	<i>Catering Appliances</i>
<i>Gas Installation and Maintenance Industrial & Commercial</i>	NVQ	6224-23	2	<i>Suitable - Cat 1</i>	<i>I&C Storage</i>
<i>Gas Installation and Maintenance Industrial & Commercial</i>	NVQ	6224-31	3	<i>Suitable - Cat 1</i>	<i>ND Appliances</i>
<i>Gas Installation and Maintenance Industrial & Commercial</i>	NVQ	6224-32	3	<i>Suitable - Cat 1</i>	<i>Catering Appliances</i>
<i>Gas Installation and Maintenance LPG (RPH)</i>	NVQ	6224-24	2	<i>Suitable - Cat 1</i>	<i>Dom Appliances LPG</i>
<i>Gas Installation and Maintenance LPG (PD)</i>	NVQ	6224-25	2	<i>Suitable - Cat 1</i>	<i>Dom PD)</i>
<i>Gas Installation and Maintenance LPG (LAV)</i>	NVQ	6224-26	2	<i>Suitable - Cat 1</i>	<i>Dom Appliances LPG</i>
<i>Gas Installation and Maintenance LPG (Mobile Catering)</i>	NVQ	6224-27	2	<i>Suitable - Cat 1</i>	<i>Catering Appliances LPG</i>
<i>Gas Installation and Maintenance LPG (Boats)</i>	NVQ	6224-28	2	<i>Suitable - Cat 1</i>	<i>Dom Appliances LPG</i>
<i>Gas Installation and Maintenance LPG (Storage)</i>	NVQ	6224-29	2	<i>Suitable - Cat 1</i>	<i>Dom LPG</i>
<i>Gas Installation and Maintenance LPG (PD)</i>	NVQ	6224-33	3	<i>Suitable - Cat 1</i>	<i>Dom Appliances LPG</i>
<i>Gas Installation and Maintenance LPG (RPH)</i>	NVQ	6224-34	3	<i>Suitable - Cat 1</i>	<i>Dom Appliances LPG</i>
SPA* - Scottish Progression Award					
<i>Gas Installation and Maintenance - Maintenance</i>	NVQ	6013-01	2	<i>Suitable - Cat 1</i>	<i>Dom Appliances</i>
<i>Gas Installation and Maintenance - Installation</i>	NVQ	6013-02	2	<i>Suitable - Cat 1</i>	<i>Dom Appliances</i>
<i>Gas Installation and Maintenance - Maintenance</i>	NVQ	6013-03	3	<i>Suitable - Cat 1</i>	<i>Dom Appliances</i>
<i>Gas Installation and Maintenance - Installation</i>	NVQ	6013-04	3	<i>Suitable - Cat 1</i>	<i>Dom Appliances</i>
<i>Gas Installation and Maintenance</i>	NVQ	6016	2	<i>Suitable - Cat 1</i>	<i>Dom Appliances</i>
<i>Gas Installation and Maintenance</i>	NVQ	6016	3	<i>Suitable - Cat 1</i>	<i>Dom & ND Appliances</i>
<i>Gas Installation and Maintenance</i>	NVQ	6006	2	<i>Suitable - Cat 1</i>	<i>Dom Appliances</i>
<i>Gas Installation and Maintenance</i>	NVQ	6006	3	<i>Suitable - Cat 1</i>	<i>Dom & ND Appliances</i>
<i>Gas Installation and Maintenance – Technical Certificate</i>	<i>Vocational Award</i>	6132-22	2	<i>Not suitable</i>	<i>NA</i>
<i>Gas Installation and Maintenance – Technical Certificate</i>	<i>Vocational award</i>	6132-33	3	<i>Not suitable</i>	<i>NA</i>
<i>Gas Installation and Maintenance – Technical Certificate</i>	<i>Vocational award</i>	6132-44 (ESP)	3	<i>Not suitable</i>	<i>NA</i>
<i>Gas Service Engineer</i>	<i>Full Craft certificate</i>	662	<i>3 equivalent</i>	<i>Suitable – Cat 1</i>	<i>Dom & ND Appliances</i>
<i>Gas Fitter – Intermediate Certificate</i>	<i>Full Craft certificate</i>	660	<i>3 equivalent</i>	<i>Suitable – Cat 1</i>	<i>Dom Appliances</i>
<i>Gas Fitter – Final Certificate</i>	<i>Full Craft certificate</i>	660	<i>3 equivalent</i>	<i>Suitable – Cat 1</i>	<i>Dom & ND Appliances</i>
<i>Gas Installation Studies</i>	<i>Advanced Certificate</i>	598-01	<i>No level</i>	<i>Suitable – Dom & ND Appliances Cat 1</i>	<i>Dom Appliances</i>
<i>Fault Diagnosis and Rectification</i>	<i>Advanced Certificate</i>	598-02	<i>No level</i>	<i>Suitable – Cat 1</i>	<i>Dom Appliances</i>
<i>Commercial and Industrial</i>	<i>Advanced Certificate</i>	598-03-04	<i>No level</i>	<i>Suitable – Cat 1</i>	<i>ND Appliances & Pipework</i>

Table 7 - ACS Certification Body; Managed Learning Programmes

<i>Name of Award or Certificate</i>	<i>Type of Award or Certificate</i>	<i>City and Guilds Scheme and Complex Numbers</i>	<i>Award or Certificate Level</i>	<i>Suitable Not Suitable</i>	<i>Suitable for; Type of ACS Assessment</i>
BPEC - Gas Foundation					
<i>Domestic</i>	<i>Vocational Award</i>	<i>NA</i>	<i>No level</i>	<i>Suitable - Cat 1</i>	<i>Dom Appliances</i>
<i>Commercial Heating</i>	<i>Vocational Award</i>	<i>NA</i>	<i>No level</i>	<i>Suitable - Cat 1</i>	<i>Commercial Appliances</i>
<i>Commercial Catering</i>	<i>Vocational Award</i>	<i>NA</i>	<i>No level</i>	<i>Suitable - Cat 1</i>	<i>Catering Appliances</i>
		<i>NA</i>			
Blue Flame Certification - Pathway To Gas					
<i>Domestic</i>	<i>Vocational Award</i>	<i>NA</i>	<i>No level</i>	<i>Suitable - Cat 1</i>	<i>Domestic Appliances</i>
<i>Domestic Meter Installation</i>	<i>Vocational Award</i>	<i>NA</i>	<i>No level</i>	<i>Suitable - Cat 1</i>	<i>Domestic Meters</i>
<i>Commercial Heating</i>	<i>Vocational Award</i>	<i>NA</i>	<i>No level</i>	<i>Suitable - Cat 1</i>	<i>Commercial Appliances</i>
<i>Commercial Catering</i>	<i>Vocational Award</i>	<i>NA</i>	<i>No level</i>	<i>Suitable - Cat 1</i>	<i>Catering Appliances</i>
CITB - Intermediate Gas Certificate					
<i>Domestic</i>	<i>Vocational Award</i>	<i>NA</i>	<i>No level</i>	<i>Suitable - Cat 1</i>	<i>Domestic Appliances</i>
ERS - Guild of Gas Fitting Operatives					
<i>Domestic - NG</i>	<i>Vocational Award</i>	<i>NA</i>	<i>No level</i>	<i>Suitable - Cat 1</i>	<i>Domestic NG Appliances</i>
<i>Domestic - LPG All Sectors</i>	<i>Vocational Award</i>	<i>NA</i>	<i>No level</i>	<i>Suitable - Cat 1</i>	<i>LPG Domestic Appliances All Sectors</i>
<i>Commercial Heating</i>	<i>Vocational Award</i>	<i>NA</i>	<i>No level</i>	<i>Suitable - Cat 1</i>	<i>Commercial appliances</i>
<i>Commercial Catering</i>	<i>Vocational Award</i>	<i>NA</i>	<i>No level</i>	<i>Suitable - Cat 1</i>	<i>Catering Appliances</i>
Logic Certification - APL Course					
<i>Domestic NG and LPG</i>	<i>Vocational Award</i>	<i>NA</i>	<i>No level</i>	<i>Suitable - Cat 1</i>	<i>Domestic Appliances</i>
<i>Commercial</i>	<i>Vocational Award</i>	<i>NA</i>	<i>No level</i>	<i>Suitable - Cat 1</i>	<i>Commercial Appliances</i>
<i>Commercial Catering</i>	<i>Vocational Award</i>	<i>NA</i>	<i>No level</i>	<i>Suitable - Cat 1</i>	<i>Catering Appliances</i>
<i>Emergency Service Provision</i>	<i>Vocational Award</i>	<i>NA</i>	<i>No level</i>	<i>Suitable - Cat 1</i>	<i>Emergency Service</i>
NIC Certification - Basic Gas Utilisation					
<i>Domestic</i>	<i>Vocational Award</i>	<i>NA</i>	<i>No level</i>	<i>Suitable - Cat 1</i>	<i>Domestic Appliances</i>
UK Certification - Initial Gas Qualification (IGQ)					
<i>Domestic - NG</i>	<i>Vocational Award</i>	<i>NA</i>	<i>No level</i>	<i>Suitable - Cat 1</i>	<i>Domestic Appliances</i>
<i>Domestic - LPG All Sectors</i>	<i>Vocational Award</i>	<i>NA</i>	<i>No level</i>	<i>Suitable - Cat 1</i>	<i>Domestic Meters</i>
<i>Commercial Heating</i>	<i>Vocational Award</i>	<i>NA</i>	<i>No level</i>	<i>Suitable - Cat 1</i>	<i>Commercial Appliances</i>
<i>Commercial Catering</i>	<i>Vocational Award</i>	<i>NA</i>	<i>No level</i>	<i>Suitable - Cat 1</i>	<i>Catering Appliances</i>

**ACS ALIGNED, CITY AND GUILDS AND SCOTTISH QUALIFICATION AUTHORITY (SQA) 6012 SCHEME, GAS SERVICES INSTALLATION & MAINTENANCE
AND EMERGENCY SERVICE OPERATIONS NVQ**

ACS EQUIVALENT ASSESSMENTS - DOMESTIC NATURAL GAS

	COMPLEX NUMBER	CORE CCN 1	COOKERS CKR 1	FIRES HTR 1	INST W/H WAT 1	CENTRAL HEATING CEN 1	LAUNDRY LAU 1	LEISURE LEI 1	WARM AIR DAH 1	RANGE/CKR BOILERS CKHB 1	COMB'TION PERF'NCE ANALYSIS CPA 1	MEDIUM PRESSURE REGULATORS REGT1.	PIPEW'ORK CCN 1 See Notes	TEST AND PURGE TPCP 1A	METERS	ESP CESP 1 CMA CoDNESP 1
6012 LEVEL II	6012 -02/60	YES	YES	YES	YES	YES	YES	YES	YES	NO	YES	NO	YES	NO	YES UP TO U6 MET 1	NO
6012 LEVEL III	6012 -03/70	YES	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	YES	YES	YES UP TO U40 MET 4	NO
<u>APPLIANCE PATHWAY ROUTE LEVEL II</u>																
COOKERS	6012 -20	YES	YES	NO	NO	NO	YES	NO	NO	NO	YES	NO	YES	NO	NO	NO
CENTRAL HTG	6012 -21/62	YES	NO	NO	YES	YES	NO	NO	NO	NO	YES	NO	YES	NO	NO	NO
METERS	6012 -22 6012-12	YES NO	NO NO	NO NO	NO NO	NO NO	NO NO	NO NO	NO NO	NO NO	NO NO	NO NO	YES YES	NO NO	YES UP TO U6	NO CMA 1
SPACE HEATERS	6012 -24	YES	NO	YES	NO	NO	NO	YES	NO	NO	YES	NO	YES	NO	NO	NO
WARM AIR	6012 -25	YES	NO	NO	NO	NO	NO	NO	YES	NO	YES	NO	YES	NO	NO	NO
<u>APPLIANCE PATHWAY ROUTE LEVEL III</u>																
COOKERS	6012 -30	YES	YES	NO	NO	NO	YES	NO	NO	NO	YES	NO	YES	NO	NO	NO
CENTRAL HTG	6012 -31	YES	NO	NO	YES	YES	NO	NO	NO	NO	YES	NO	YES	NO	NO	NO
METERS	6012 -32 6012 -13	YES NO	NO NO	NO NO	NO NO	NO NO	NO NO	NO NO	NO NO	NO NO	NO NO	YES YES	YES YES	YES YES	YES UP TO U40	NO CMA 1
EMERGENCY SERVICE OPERATIONS LEVEL III	6012 -04/80 6012 44/80	YES YES	NO NO	NO NO	NO NO	NO NO	NO NO	NO NO	NO NO	NO NO	YES YES	YES YES	YES YES	YES YES	YES UP TO U40 YES	YES YES

NOTES:

Complex 03 - Meters at Level III up to U40 fitted using anacondas, using IGE UP 1A procedures for testing and purging in domestic premises only.

Complex 04 – Meters at Level III up to U40 fitted using anacondas, using IGE UP 1A procedures for testing and purging in domestic and small commercial gas installations

Complex 04 - In addition to equivalence of **CCN 1**, enabling **ACS** appliance assessments to be added to this award. This complex also satisfies **CESP 1**, and **CMA 1**. Assessments

ACS changeover assessments may be used in conjunction with appropriate Complex Number awards

Complexes 02 – 03 - **60 – 70** Pipework sizes are up to 35mm copper and 35mm R1

Complexes 04/44 – **80** Pipework sizes are up to 50mm copper and 50mm R1

Prior to the 1st August 2007 Metering Complexes 22 and 32 included the equivalence of CCN 1. From 1st August 2007 new Metering Complexes were introduced 12 and 13 that reduces the Core to the equivalence of CMA 1

Combustion Performance Analysis will be included in those awards indicated above from the 1st March 2008

CITY AND GUILDS NVQ CERTIFICATES

City and Guilds issue 2 types of NVQ certificate:

1. **The Award (Qualification) certificate**, this certificate provides the Title of the award, the Complex number, the Level of the award and the certificate number (see below).
2. **A Certificate of Unit Credit (CUC) certificate**, when an Award certificate is issued, it is accompanied with a CUC certificate which describes the Units which make up the Award. The CUC certificate is NOT the certificate that should be used as providing evidence of holding an Award (Qualification). The 2 certificates (Award and CUC) should be presented together. Reliance on the CUC certificate alone should not be considered.

NOTE:

A CUC certificate may be issued to candidates that **DO NOT** complete an Award. That certificate will describe the Units the candidate had demonstrated competence. It may **NOT** contain all the Units that make up the Award. Therefore reliance can not be made on the CUC certificate alone as being a certificate of competence.

INTERPRETING CITY AND GUILDS CERTIFICATION NUMBERS

City and Guilds certificates vary in style and format; certificates will be set out in either landscape or in portrait. Some will be watermarked others not.

A common theme on all certificates is the string of numbers found at the bottom of Certificates. This string provides personal details of the certificated person along with information detailing the award number. However some older certificates may not include the Certificate process number and therefore starts with the Approved Centre Number, see below.

0412/	/700052/	/600602/	/CTT9716/	/1/	/27/10/48
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Certificate process number (year month)	Approved Centre number	Scheme and complex number	Unique Candidate number issued by City and Guilds	1 = Male 2 = Female	Date of Birth
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The string of numbers typically appears at the bottom of the certificate as:

AWARDED DECEMBER 2004 0412/700052/600602/CTT9716/1/27/10/48

Common scheme and complex numbers include:

662 Gas Service engineer	601603 Gas Services NVQ Level 3	601304 Gas Services NVQ Level 3	603402 Gas Services NVQ Level 2
600602 Gas Services NVQ Level 2	601301 Gas Services NVQ Level 2	601202 Gas Services NVQ Level 2	603403 Gas Services NVQ Level 3
600603 Gas Services NVQ Level 3	601302 Gas Services NVQ Level 2	601270 Scottish Gas SVQ Level 3	6084 Energy Efficiency
601602 Gas Services NVQ Level 2	601303 Gas Services NVQ Level 3	601221 CH Pathway NVQ Level 2	601902 Plumbing NVQ Level 2

N.B. only 6012 Scheme numbers are aligned to ACS, all other gas installation certificates would need the support of ACS certification to be valid for CORGI registration purposes.