



## **Courses and Assessments**

## **Prices and Package Discounts**



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## Domestic Natural Gas Courses and Initial & Re-Assessments

Category of certification	ACS Code	Re-Assessment Duration/Cost Cat 1 (ex VAT)	Initial Assessment Duration/Cost Cat 1 (ex VAT)	Refresher Training if required Cat 1 (ex VAT)
Core Domestic Natural Gas Safety	CCN 1	2 days £295	2.5 - 3 days £395	1 day £160
Change over from LPG to Natural Gas	COLPNG1	1 day £150	1 day £175	1 day £160
Core Domestic Meter Installer	CMA 1	2 days £295	2 - 3 days £385	2 days £250
Core Emergency Service Provider	CESP 1	2 days £295	2 - 3 days £365	2 days £200
Changeover from Core Domestic Natural Gas Safety to Emergency Service Provider	CODNESP 1	1 day £160	1 day £175	1 day £125
Domestic Gas Fired Central Heating up to 70 kW net & Domestic Gas Instantaneous Water Heating Appliances	CENWAT	½ day £85	½ - 1 day £100	½ day £55
Domestic Gas Fires and Wall Heaters	HTR 1	½ day £85	½ - 1 day £100	½ day £55
Domestic Cooking Appliances	CKR 1	½ day £85	½ - 1 day £100	½ day £55
Domestic Laundry Appliances	LAU 1	½ day £85	½ - 1 day £100	½ day £55
Swimming Pool Boilers	HWB 1	½ day £85	½ - 1 day £100	½ day £55
Domestic Gas Meters	MET 1	3 hours £60	½ day £95	½ day £55
Domestic Gas Fired Ducted Air Heaters up to 70 kW net	DAH 1	½ day £85	½ - 1 day £100	½ day £55
Gas fired Range Cookers e.g. Aga, Stanley etc.	CKHB 1	½ day £95	½ - 1 day £125	½ day £55
Appliances with Forced Draught Burners	DFDA 1	½ day £95	½ - 1 day £125	½ day £55
Domestic Leisure Equipment	LEI 1	½ day £95	½ - 1 day £100	½ day £55
Combustion Performance Analysis Assessment only	CPA 1	½ day £100 inc cert	½ day £100 inc cert	½ day £95 inc. cert
Combustion Performance Analysis Training & Assessment Package	CPA 1	N/A	½ day course Training & Assessment + Certification £95 + £35 certification	
Carbon Monoxide / Carbon Dioxide Domestic Atmosphere & Appliance Testing	CMDDA1	N/A	2 days course Training & Assessment + Certification £350 (inc certification)	

## Domestic Natural Gas Courses and Packages

Category of certification	ACS Code(s)	Delivery method, duration and package costs (ex VAT) i.e. Assessment only or Training & Assessment
Core Domestic Gas Safety, Boilers, Water Heaters, Cookers, Fires & Flue Gas Analysis	CCN1/CENWAT/CKR1/HTR1/CPA1	Refresher training and Re-assessment - £680 3 – 3.5 days : Category1
Core Domestic Gas Safety, Boilers, Water Heaters, Cookers, Fires & Flue Gas Analysis, plus Meters, or Domestic Warm Air	CCN1/CENWAT/CKR1/HTR1/CPA1 plus MET1 or DAH1	Refresher training and Re-assessment - £730 3 – 3.5 days : Category1
Core Domestic Gas Safety, Boilers, Water Heaters & Flue Gas Analysis	CCN1/CENWAT//CPA1	Refresher training and Re-assessment - £530 3 days : Category1
Core Domestic Gas Safety, Boilers, Water Heaters, Cookers, Fires & Flue Gas Analysis	CCN1/CENWAT/CKR1/HTR1/CPA1	<b>Re-assessment only</b> - £530 2 – 3 days : Category1
Core Domestic Gas Safety, Boilers, Water Heaters, Cookers, Fires & Flue Gas Analysis	CCN1/CENWAT/CKR1/HTR1/CPA1	Refresher training and Assessment - £830 4 days : Expired ACS (more than 12 months)
Core Domestic Gas Safety, Boilers, Water Heaters, Cookers, Fires & Flue Gas Analysis	CCN1/CENWAT/CKR1/HTR1/CPA1	Refresher training and Assessment - £885 4 - 5 days : first time ACS (must have completed an MLP)

**Plus £65.00 (net) Certification fee per 'Certification Activity' / Fast Track Certification (4 working days) can be arranged for an additional £60 (net) Additional days will be charged @ £140 per day**

## LPG Courses and Initial & Re-Assessments

Category of certification	ACS Code	Re-Assessment Duration/Cost Cat 1 (ex VAT)	Initial Assessment Duration/Cost Cat 1 (ex VAT)	Training if required (ex VAT) Cat 1 (ex VAT)
Core Domestic LPG Safety	CCLP 1 (PD-LAV-RPH -Boats as required)	2 ½ - 3 days £295	2 ½ - 3 days £395	3 days £325
Core LPG Safety – External pipework only	CCLP/EP 1	2 - 2 ½ days £220	2 - 2 ½ days £250	2 days £275
Natural Gas to LPG Safety Changeover (CCN1, COCN1, CCLPG1 or CCCN1 is a pre-requisite)	CONGLP 1 PD only	1 day £145	1 – 1 ½ days £175	1 day £175
Natural Gas to LPG Safety Changeover (CCN1 is a pre-requisite)	CONGLP 1 (PD, LAV, RPH or PD & Boats)	1 day £175	1 ½ days £200	1 day £175
Natural Gas to LPG Safety Changeover (CCN1 is a pre-requisite)	CONGLP 1 Boats only	½ - 1 day £100	½ - 1 day £150	1 day £175
Changeover to Mobile Catering (CONGLP1 PD is a pre-requisite)	CONGLP1-CMC	1 day £135	1 day £145	Price on request
Caravan Gas Fires (Widney type)	HTRLP 2	½ day £95	½ - 1 day £100	
Touring Caravan Gas Fires (Carver type)	HTRLP 3	½ day £95	½ - 1 day £100	
LPG fired refrigerators	REFLP2	½ day £95	2 - 3 hours £95	
Cabinet Heaters (Limited scope) (those without current ACOP 15, CCLP1, CONGLP1)	CCLP1/MC CABLP1	2 – 2 ½ days £250	2 – 2 ½ days £250	
Cabinet Heaters (must hold ACOP 15, CCLP1 or CONGLP1)	CABLP1	1 ½ days £125	1 ½ days £125	
Storage vessel pipework – individual service pipes and vessels	VESLP1	1 day £125	1 day £125	
Storage vessel pipework – LPG multi-user / networks	VESLP2	1 day £125	1 day £125	
Testing & Purging	TPCP1	1 day £150	1 day £150	
Electro fusion jointing	EFJLP1	1 day £100	1 day £100	
Appliances – CENWAT, CKR1, HTR1, LAU1, DAH1, DFDA1, CKHB1, HWB1, MET1 etc.	See Natural Gas info / prices	See Natural Gas info / prices	See Natural Gas info / prices	See Natural Gas info / prices
Carbon Monoxide / Carbon Dioxide Domestic Atmosphere & Appliance Testing	CMDDA1	N/A	2 days course - Promotional package Training & Assessment + Certification £350 (inc certification)	
Combustion Performance Analysis Assessment only	CPA 1	½ day £100 inc cert	½ day £100 inc cert	½ day £95 inc cert

## LPG Courses and Packages

Category of certification	ACS Code	Re-Assessment Duration/Cost Cat 1 (ex VAT)	Initial Assessment Duration/Cost Cat 1 (ex VAT)	Refresher Training if required Cat 1 (ex VAT)
Core Domestic Natural Gas Safety Domestic Gas Fired Central Heating - up to 70 kW net Domestic Gas Fires and Wall Heaters Domestic Cooking Appliances Domestic Gas Instantaneous Water	CCLP1 / CPA1 *CENWAT *HTR 1 or HTRLP2 *CKR 1	CCLP1 / CPA1 & *Appliances 3.5 days £495 or *Appliances only 1 - 2 days £265	See SGAS New Entrant Courses	3.5 days (R) Cat 1 Training and assessment CCLP1LAV/RPH/CENWAT/ CKR1/HTRLP2/CPA1 £750 4 – 4.5 days (I) Cat 1 Training and assessment CCLP1LAV/RPH/CENWAT/ CKR1/HTRLP2/CPA1 £850

**Plus £65.00 (net) Certification fee per 'Certification Activity' / Fast Track Certification (4 working days) can be arranged for an additional £60 (net) Additional days will be charged @ £140 per day**

## Non-Domestic Gas Courses and Initial & Re-Assessments

Category of certification	ACS Code	Re-Assessment Duration/Cost Cat 1 (ex VAT)	Initial Assessment Duration/Cost Cat 1 (ex VAT)	Training if required Cat 1 (ex VAT)
Core Commercial Gas Safety – NG or Core Commercial Laundry	COCN 1 Or CCLNG	2 days £265	2.5 days £295	3 days £350
Core Commercial Gas Safety – NG (Limited scope pipe installer core)	COCNPI 1 LS	1½ days £250	1½ days £265	2 days £300
Change over from Domestic NG to Core Commercial Gas Safety (candidates must hold a current ACOP 1-5 or CCN1)	CoDNCO1	1 – 1.5 days £195	1 – 1.5 days £195	3 days £350
Commission, Service, Repair & Breakdown of Boosters, Compressors, Controls and Pipework NG (≤ 0.5bar)	BMP 1	1 day £125	1 day £125	<b>T&amp;A £285 (Inc manual)</b>
Commission, Service, Repair and Breakdown of Gas Fuelled Engines – NG and LPG	CGFE 1	1 day £150	1 day £150	<b>T&amp;A £285 (Inc manual)</b>
Commissioning of Gas Fired Plant and Equipment NG and LPG	CCP 1	1 day £150	1 day £150	<b>Price on request See next page for commercial / catering</b>
Commission, Service, Repair & Breakdown of Commercial Direct Fired Heating Equipment NG/LPG	CDGA 1	1 day £125	1 day £125	
Commission, Service, Repair & Breakdown of Commercial Indirect Fired Heating Equipment NG/LPG	CIGA 1	1 day £125	1 day £125	
Swimming Pool Boilers	HWB 1	½ day £85	½ - 1 day £100	
Commission, Service, Repair & Breakdown of Overhead Radiant Tube / Radiant Plaque Heaters NG/LPG	CORT 1	1 day £125	1 day £125	
'Limited Scope Operative' Installation of first fix Commercial Appliances and Equipment NG/LPG	ICAE 1 LS	1 day £125	1 day £125	
Commercial Laundry Equipment – Additional Core and Laundry Appliance (Change over from CCN1)	COCCLNG1 CLE	1 - 2 days £250	1 - 2 days £295	
Commission, Service, Repair & Breakdown of Commercial Laundry Equipment NG/LPG	CLE 1	1 day £125	1 day £125	
Install & Commission Commercial Low Pressure Diaphragm (U65 and above) and RPD meters	CMET1	1 day £125	1 day £125	
Install & Commission Commercial Turbine Meters	CMET2	1 day £125	1 day £125	
Installation of Commercial Pipework (first fix) NG/LPG	ICPN 1	1 day £125	1 day £125	
'Limited Scope Operative' Installation of Commercial Pipework (first fix) NG/LPG	ICPN 1 LS	1 day £125	1 day £125	<b>Price on request See next page for commercial / catering</b>
Testing and Purging of Low Pressure Commercial Pipework not exceeding 1m³ in volume & 40mb operating pressure. NG	TPCP 1A	1 day £125	1 day £125	
Testing and Purging of Commercial Pipework - this assessment covers NG & LPG installations	TPCP 1	1 day £150	1 day £150	
Commercial Catering Core Gas Safety Assessment	CCCN1	2 – 2.5 days £265	2 – 2.5 days £295	
CCN1 – CCCN1 Change-over	CODC1	1 day £195	1 day £195	
CCN1 – CCCN1 Change-over & Catering appliances (Group 1-2-3)	CODC1 COCATA1	1 - 2 days £295	1 - 2 days £375	
Catering Group 1 Boiling Burners i.e. Ranges, Ovens, Bains Marie, Boiling Tables etc.	COMCAT1	0.5 day £95	0.5 day £95	
Catering Group 2 Water Boilers i.e. Pressure Type, Pressure Steamers	COMCAT2	0.5 day £95	0.5 day £95	
Catering Group 3 Fryers and Grills i.e. Bratt Pans, Griddles etc.	COMCAT3	0.5 day £95	0.5 day £95	
Catering Group 4 Fish and Chip Ranges	COMCAT4	0.5 day £150	0.5 day £150	
Catering Group 5 Appliances with forced draught burners	COMCAT5	1 day £125	1 day £125	

**Plus £65.00 (net) Certification fee per 'Certification Activity' / Fast Track Certification (4 working days) can be arranged for an additional £60 (net) Additional days will be charged @ £140 per day. See next page for commercial / catering packages**

## Commercial Heating Gas Courses and Packages

Category of certification	ACS Code	Training and <b>Re-Assessment</b> (Cat 1) (inc. manual) Duration/Cost (ex VAT)	Training and <b>Initial Assessment</b> (Cat 1) (inc. manual) Duration/Cost (ex VAT)
Commercial Heating Service Engineer <b>Commercial Package 1</b>	COCN1 or CoDNCO1	<b>COCN1 Package</b> 4 - 5 days	<b>COCN1 Package</b> 6 - 7 days
	CIGA 1	£985	£995
	CORT 1	<b>CODNCO1 Package</b>	<b>CODNCO1 Package</b>
	CDGA 1	4 days	5 days
	ICPN1	£885	£895
Add TPCP1 or 1a Training & Assessment	TPCP1 or 1a	£195	£195
<b>Plus £65.00 (net) Certification fee per 'Certification Activity' / Fast Track Certification (4 working days) can be arranged for an additional £60 (net) Re-assessments &amp; Additional days @ £140 per day</b>			

## Commercial Heating Gas Courses and Packages

Category of certification	ACS Code	Training and <b>Re-Assessment</b> (Cat 1) (inc. manual) Duration/Cost (ex VAT)	Training and <b>Initial Assessment</b> (Cat 1) (inc. manual) Duration/Cost (ex VAT)
Commercial Heating Service Engineer <b>Commercial Package 2</b>	COCN1 or CoDNCO1	<b>COCN1 Package</b> 4 - 5 days	<b>COCN1 Package</b> 5 - 6 days
	CIGA 1	£840	£855
	ICPN1	<b>CODNCO1 Package</b>	<b>CODNCO1 Package</b>
		4 days	5 days
		£740	£755
Add TPCP1 or 1a Training & Assessment	TPCP1 or 1a	£195	£195
<b>Plus £65.00 (net) Certification fee per 'Certification Activity' / Fast Track Certification (4 working days) can be arranged for an additional £60 (net) Re-assessments &amp; Additional days will be charged @ £140 per day</b>			

## Commercial Catering Gas Courses and Packages

Category of certification	ACS Code	Training and <b>Re-Assessment</b> (Cat 1) (inc. manual) Duration/Cost (ex VAT)	Training and <b>Initial Assessment</b> (Cat 1) (inc. manual) Duration/Cost (ex VAT)
Commercial Catering Service Engineer <b>Commercial Package 3</b>	CCCN1 or CODC1	<b>CCCN1 Package</b> 4 - 5 days	<b>CCCN1 Package</b> 5 - 6 days
	COMCAT1	£980	£1080
	COMCAT2	<b>CODC1 Package</b>	<b>CODC1 Package</b>
	COMCAT3	4 days	5 days
	COMCAT5	£880	£895
	ICPN1		
Add TPCP1 or 1a Training & Assessment	TPCP1 or 1a	£195	£195
<b>Plus £65.00 (net) Certification fee per 'Certification Activity' / Fast Track Certification (4 working days) can be arranged for an additional £60 (net) Re-assessments &amp; Additional days will be charged @ £140 per day</b>			

## I-GAS Industrial Gas Accreditation Scheme

Course Title	Code(s)	Duration / Cost of Course (ex VAT)
I-GAS Level 1 Industrial Gas Safety Awareness	I-GAS Level 1	2 days £425 (inc certification fee)
I-GAS Level 2 Industrial Gas Maintenance (Pipework and infrastructure)	I-GAS Level 2	5 days £1450 (inc certification fee)
I-GAS Level 3 Industrial Gas Technician (Combustion equipment)	I-GAS Level 3	5 days £1450 (inc certification fee)



## Commercial Catering Gas Courses and Packages

Category of certification	ACS Code	Training and <b>Re-Assessment</b> (Cat 1) (inc. manual) Duration/Cost (ex VAT)	Training and <b>Initial Assessment</b> (Cat 1) (inc. manual) Duration/Cost (ex VAT)
Commercial Catering Service Engineer <b>Commercial Package 3</b>	CCCN1 or	<b>CCCN1 Package</b>	<b>CCCN1 Package</b>
	CODC1	4 - 5 days	5 - 6 days
	COMCAT1	£840	£855
	COMCAT3	<b>CODC1 Package</b>	<b>CODC1 Package</b>
	ICPN1	4 days	5 days
		£740	£755
Add TPCP1 or 1a Training & Assessment	TPCP1 or 1a	£195	£195

**Plus £65.00 (net) Certification fee per 'Certification Activity' / Fast Track Certification (4 working days) can be arranged for an additional £60 (net). Re-assessments & Additional days will be charged @ £140 per day**

## OFTEC Oil Courses and Assessments

Category of Certification	Assessment Code	Assessment** Duration and Cost (ex VAT)	Refresher Training Duration and Cost (excluding books) (ex VAT)
Domestic/Light Commercial ≤45kW Commissioning, Servicing and Fault Finding – Pressure Jet Burners	OFT 101	1 - 1.5 days £195 Assessment fee	2 days £220
Commercial ≥45kW / 2 stage burners - Commissioning, Servicing and Fault Finding – Pressure Jet Burners	OFT 201	1 - 1.5 days £195 Assessment fee	2 days £220
Domestic/Light Commercial Commissioning, Servicing and Fault Finding – Vaporising Burners	OFT 102	1 - 1.5 days £195 Assessment fee	2 days £220
Domestic/Light Commercial Installations	OFT 105e	1 day £155 Assessment fee	0.5 day £95
Domestic/Light Commercial Storage Tank Installation	OFT 600a	1 day £155 Assessment fee	0.5 day £95
OFT 108 – Solid Fuel Course (see information on next page)	OFT 108 – Solid Fuel Course	Training & Assessment Package (2 days) £450 + VAT	
OFT 101 – 105e – 600a Package deal (A1)	OFT 101–105e–600a	2 – 2.5 days £465 Assessment fee	2 days £220
OFT 101 – 102 – 105e – 600a Package deal (A2)	OFT 101–102 105e–600a	2 – 2.5 days £565 Assessment fee	2 days £220
OFT 101 – 201 – 105e – 600a Package deal (B1)	OFT 101–201 105e – 600a	2.5 – 3 days £575 Assessment fee	2 days £220
OFT 101 – 102 – 201 – 105e – 600a Package deal (B2)	OFT 101–102 105e – 600a – 201	2.5 – 3 days £695 Assessment fee	2 days £220

**Plus £65.00 (net) Certification fee per 'Certification Activity' / Fast Track Certification (4 working days) can be arranged for an additional £60 (net). Re-assessments & Additional days will be charged @ £140 per day**

## Plumbing / Water / Energy Efficiency Courses & Assessments

Course Title	SGAS Code(s)	Duration / Cost of Course (ex VAT)
G3 - Vented & Unvented Domestic Hot Water Course Training & Assessment	HWSS T&A	1 day £170
G3 - Vented & Unvented Domestic Hot Water Assessment only	HWSS (Assessment only)	0.5 - 1 day £155 (I) / £145 (R)
WRAS - Water Regulations Course & Assessment	WRAS/REGS	1 day £170
WRAS - Water Regulations Assessment	WRAS/REGS (Assessment only)	0.5 - 1 day £155
L8 - Legionella Course & Assessment	L8	1 day £170
L8 - Legionella Assessment only	L8	1 day £160
Energy Efficiency – Self Certification Scheme Part L1 (Interactive Training & Assessment)	LOGIC/EE	1 day £165
<b>Certification fee included.</b> Fast Track Certification (4 working days) can be arranged for an additional £60 (net). Re-assessments & Additional days will be charged @ £140 per day		

## Courses for the Cavity Wall Insulation Industry (approved by CIGA & HSE)

Course Title	SGAS Code(s)	Duration / Cost of Course (ex VAT)
ACOP 1-2-3 Course & Assessment SGAS Certification & Course Notes	ACOP 1-2-3	1 day (Mon - Fri) £150 (inc certification fee)
ACOP 1-2-3 Course & Assessment SGAS Certification & Course Notes	ACOP 1-2-3	1 day (Saturday) £180 (inc certification fee)

## Electrical Safety & Fault Finding Courses and Assessments

Course Title	SGAS Code(s)	Duration / Cost of Course (ex VAT)
Introduction to electrical principles, multimeter skills & basic fault finding, 'Y' Plans & 'S' Plans + Combination boilers, components & fault finding	Combi 1	3 days £395 (inc certification fee) & includes free multimeter
Combination boilers fault finding – Advanced (must have passed above course)	Combi 2	1 day £175 (inc certification fee)
Basic Electrical Safety and Minor Works Notification for Air Conditioning and Refrigeration Engineers	RefElec	2 days £275
Basic Electrical Safety and Minor Works Notification for Commercial / Catering Gas Engineers	CommElec	2 days £275

## New Entrant - Gas Courses and Assessments

Course Title	SGAS Code(s)	Duration / Cost of Course (ex VAT)
Managed Learning Programme – Domestic Gas Extended Training – for Category 2 and 3 candidates (candidates must also complete on-the-job training / experience with a registered gas engineer)	Domestic Gas Managed Learning Programme CCN1, CEN1, HTR1, WAT1, CKR1 & Part L1 Energy Efficiency	20 - 40 days (depending on experience presented) See appendix 1
Managed Learning Programme – Commercial Gas Extended Training – for Category 3 candidates (candidates must also complete on-the-job training / experience with a registered gas engineer)	Commercial Gas Managed Learning Programme COCN1, ICPN1, TPCP1, CIGA1, CORT1, CDGA1	10 – 35 days (depending on experience presented) £POA
Managed Learning Programme – Commercial Catering Gas Extended Training – for Category 3 candidates (candidates must also complete on-the-job training / experience with a registered gas engineer)	Commercial Catering Managed Learning Programme CCCN1, COMCAT1, COMCAT 2, COMCAT3, COMCAT5	10 – 35 days (depending on experience presented) £POA



## Solid Fuel (wet & dry) Courses and Assessments

Course Title	SGAS Code(s)	Duration / Cost of Course (ex VAT)
Solid Fuel Heating Course (Wet & Dry)	OFT 108 – Solid Fuel Course	2 days £450
<b>SOLID FUEL HEATING COURSE &amp; ASSESSMENT</b> This course has been written and accredited by OFTEC. The training course is a method of proving competence in the installation of solid appliances and heating systems fed by solid fuels under the requirements of Building Regulations Competent Persons Schemes.		
<b>COURSE OBJECTIVES/KEY BENEFITS</b> To provide the relevant knowledge and understanding to meet the requirements of current Building Regulations for the design and installation of solid fuel appliances and heating systems fed by solid fuel in domestic properties.		
<b>WHO IS THE COURSE AIMED AT?</b> Anyone involved or who intends to become involved in the design and installation of solid fuel heating systems. This does not just apply to installers but also architects, merchants, chimney sweeps etc. Pre-requisites apply.		
<b>ENTRY REQUIREMENTS/PRE-REQUISITES</b> The course is aimed primarily at practicing heating engineers who already have some knowledge of the fundamental requirements of solid fuel appliances and heating systems.		
<b>COURSE CONTENT</b> * Solid fuel wood burning appliances/pellet stoves * Requirements of Part J and Part L1 of the Building Regulations * SEDBUK efficiency * Design and installation of solid fuel appliances and heating systems * Storage of fuel and testing for moisture content		
<b>COURSE DURATION</b> Two days		
<b>COURSE OUTCOME/QUALIFICATION</b> Candidates who successfully complete the assessment will receive a Solid Fuel certificate of competence.		

## Electrical Courses & Assessments

Course Title	SGAS Code(s)	Duration / Cost of Course (ex VAT)
Part P – Domestic Electrical Installer (DEI) Electrical Training & Assessment	Logic Certification	4 – 4.5 days £795
18 <sup>th</sup> Edition Full Course – C&G 2382-18	City & Guilds	3 days £445
18 <sup>th</sup> Edition (Assessment only) Course – C&G 2382-18	City & Guilds	0.5 days £175
PAT Testing – C&G 2377	City & Guilds	1 day £185
Inspection & Testing – QCF Level 3 Initial Verification	Logic Certification	4 days £855
Inspection & Testing – QCF Level 3 Periodic / Condition Reporting	Logic Certification	4 days £850
Inspection & Testing – QCF Level 3 Initial Verification and Periodic / Condition Reporting	Logic Certification	5 days £995

## Renewable Energy Courses & Assessments

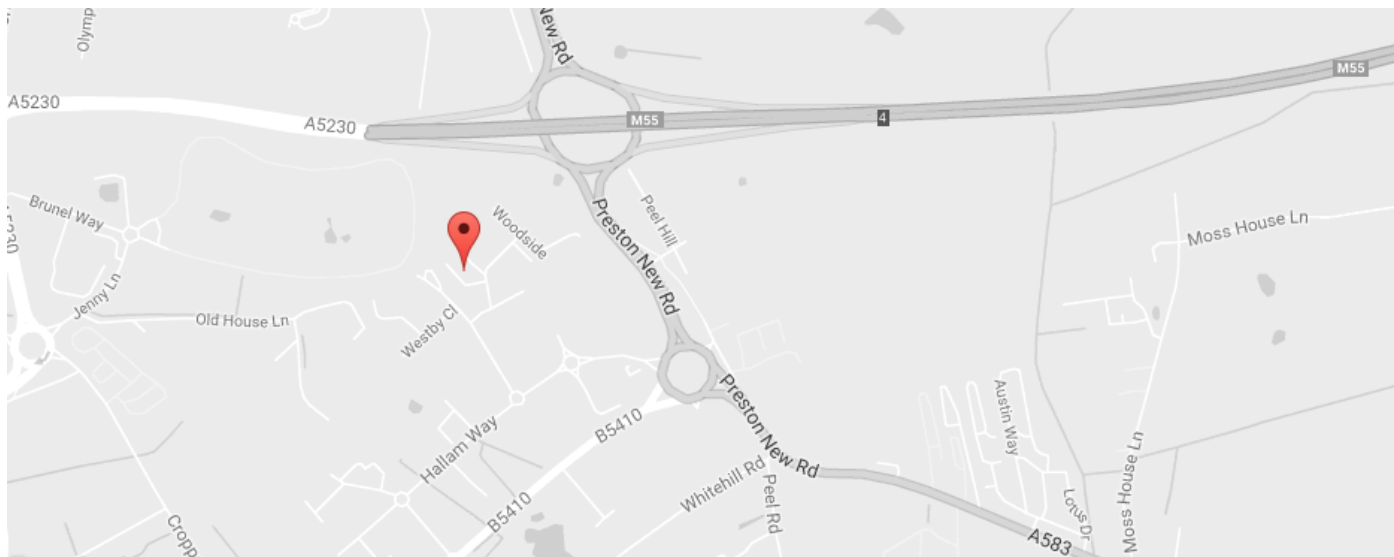
Course Title	SGAS Code(s)	Duration / Cost of Course (ex VAT)
<b>Solar Thermal Hot Water Course</b> This course will give candidates detailed explanations & practical examples of selecting, installing and commissioning flat plate collectors, evacuated tube arrays, fully filled and drain-back solar systems, Including;  -Regulations & Standards -Collector Types -Solar Heated Storage Vessels -Solar Primary Circuit Types -Basic System Design & Integration -External & Internal Site Survey Requirements -Filling & Commissioning -Servicing & Fault Finding	QCF Level 3 Logic Certification	2 - 3 days £595 inc certification
<b>Ground &amp; Air Source Heat Pumps Course</b> This course will give candidates detailed explanations & practical examples of selecting, installing and setting to work air source pumps, ground source pumps, brine circuits (loop, slinky and borehole), and integration to domestic heating and hot water systems. The course will amongst other topics cover the following;  -Heat Pump Principles (ground & air source) -Regulations & Standards -Evaporation & Condensation process -Servicing, Commissioning & Fault Finding -Ground Source systems & circuits (slinky & borehole) -Filling & Venting	QCF Level 3 Logic Certification	3 days £750 inc certification  Air Source only  2.5 days £675 inc certification
<b>Solar Photovoltaic Course (up to 6Kw)</b> This course will give candidates detailed explanations & practical examples of selecting, installing and commissioning solar photovoltaic systems and is accredited by Logic certification. Amongst other things the course will cover;  · Regulations & Standards · AC & DC Theory · Cell Types and benefits · Circuit Design · System Design & Integration · External & Internal Site Survey Requirements · Setting to work and commissioning · Servicing & Fault Finding	QCF Level 3 Logic Certification	2-3 days £695 inc certification
<b>Biomass (Pellet only)</b> The objective of this qualification is for learners to demonstrate they are competent in the installation, commissioning and maintenance of wood pellet burning appliances in accordance with legislation, regulations and industry standards to;  • Understand the Requirements to Install, Commission and Maintain Wood Pellet Burning Appliances • Install, Commission and Maintain Wood Pellet Burning Appliances	QCF Level 3 Logic Certification	2-3 days £695 inc certification

## Refrigeration, Air Conditioning & F-gas Courses & Assessments

Course Title	SGAS Code(s)	Duration / Cost of Course (ex VAT)
Refrigeration Principles, plus City & Guilds 2079-11 : F-gas – Full training & assessment	City & Guilds	4 – 4.5 days £895
City & Guilds 2079-11 : F-gas – Refresher training & assessment	City & Guilds	3 days £755
City & Guilds 2079-11 : F-gas – Assessment only	City & Guilds	1 day £295
This City and Guilds course (F-gas C&G 2079) is aimed at Gas, Oil and Renewable Technology Installers who wish to expand their knowledge. The SGAS F-Gas course is designed for those wishing to expand their scope of work to include refrigeration, heat pumps and air-conditioning with need to meet the legal requirements for working with Fluorinated Gases, or F-Gases, and other ozone depleting substances	What's included? • Refrigeration principles • Pressure and enthalpy relationship • Components and controls • Brazing and jointing • Strength and tightness testing • Refrigerant recovery and transfer • Leak checking • Fault finding • Service and Maintenance • Refrigerant slide rule comparator included	

## Directions / Map to SGAS

1. From the M6, turn off at junction 32 (M55)
2. At junction 4 of the M55, turn off and keep in the left hand lane
3. At the roundabout take the first left and position yourself in the right hand lane
4. Exit the next roundabout as if you are heading into B & Q
5. Follow map below to SGAS
6. Please park in the car park at the side of SGAS



## Useful contact details

**SGAS** t: 01253 697078

e: [info@sgas.co.uk](mailto:info@sgas.co.uk)

web: [www.sgas.co.uk](http://www.sgas.co.uk)



## About SGAS

SGAS HQ is situated on the outskirts of Blackpool, Lancashire, at the end of the M55 motorway, just 10 minutes from junction 32 of the M6 motorway. The 20,000 square feet centre has offices, classrooms and 60 training/assessment bays, gas rooms, electrical rooms, renewable energy rooms that have been designed to facilitate individual and packaged training courses and assessments.

Our Centre of Excellence, with quality Gas Rooms and Workshops, Electrical Rooms and Workshops, Renewable Technology Rooms and Workshops are also available to hire. Several National Companies already hire rooms and training bays on a regular basis.

Specialist Gas Assessment Services Ltd (SGAS) carry out training and related consultancy projects for many national and international clients, with expertise in Advanced Courses and Consultancy in Gas Engineering, Fuel Technology, Petroleum Research, Sprays and Aerosols. With the continued endorsement of our loyal patrons, SGAS have re-invested in the latest technology and provisions for the centre.

### Our Mission <https://www.sgas.co.uk/sgas-mission-goals-and-strategy/>

Some of the large national and international business / group clients that have partnered with SGAS and trust us as their training provider, include:-

ABB	Homeserve PLC
Aggreko International (Dubai, UAE)	HSE
Aggreko UK Ltd	HSL
APHC	IBM Group
Astrazeneca	Intergral
BAE Systems (Marine)	Johnson Cleaners
Baxi Group	Junair Spraybooths (inc AFM Services)
Bourne Leisure	McAlpine Infrastructure Services
British Gas Centrica	McNicholas Construction
British Gas Business	MITIE
BT Facilities Management	MJ Quinn
Calor Gas	MOD
Capita	National Grid
Carillion	NHS
Church of England	NICEIC
City South Manchester Housing Trust	Phoenix Gas, Northern Ireland
Cochran	PHS compliance
Cogenco	PN Daly
CooperÖstlund	Romec
Cummins	Saacke Combustion
CORGI	Scottish Gas Networks (SGN)
Dalkia	SHB
Engie	Suez Environmental Ondeo
Enterprise PLC	Thompson / Tui Holidays
Flogas	Toyota
Gas Safe Register	Transco
GFD Suez Cofely UK	UK Bosch
Glen Dimplex	Various local authorities
GL Noble Denton	Various NHS Hospital Trusts
G4S	Veolia
Halewood International	Viessmann
HM Prison Service	Weber
Honeywell	

# Appendix

# 1



Our Domestic Gas Heating and Hot Water (DNGA3-NE) – New Entrants Course, is an industry approved Managed Learning Programme (MLP) for those wishing to enter the gas, heating and plumbing industry but who don't necessarily have relevant experience or qualifications. With a reduced training input (TRI) for those with experience and/or relevant qualifications.

## New Entrant

**Domestic Gas Heating and Hot Water Engineer – DNGA3**

SGAS 8-9 Broughton Way, Whitehills  
Business Park Blackpool. FY4 5QN

[info@sgas.co.uk](mailto:info@sgas.co.uk)

01253 697078





## Gas New Entrant

### **Domestic Gas Safe Engineer (New Entrant Package)**

Our Domestic Gas Safe Engineer (DNGA1-NE) – New Entrants Course, is an industry approved Managed Learning Programme (MLP) for those wishing to enter the gas, heating and plumbing industry but who don't necessarily have relevant experience or qualifications.

In conjunction with our 'in centre' \*8 weeks training programme, learners must also complete a minimum of 50 days appropriate work-based experience, under the direct supervision of a \*\*registered gas engineer. Evidence must be gathered and formalised to support and validate the gas work experience. A Gas Work Portfolio (implemented, management & verified by SGAS) must be completed as part of the process.

\*This duration may be reduced for **existing operatives (EO)** with suitable entry qualifications and / or supervised gas work experience (see **Reduced Training Input (RTI)** - Table 1 on next page)

\*\*SGAS may be able to help find a work placement, however, these places are limited.

On completion of the MPL training and submission / approval of a suitable supervised gas work portfolio, candidates will be at the appropriate level to undertake ACS Gas assessments, which will enable registration with Gas Safe Register.

### **Structure and duration**

All new entrants must attend a structured and approved training programme, which consists of \*8 weeks in the centre and is supplemented by on-line training and assessment. (includes core skills and knowledge modules, additional plumbing and heating modules and the APL training course).

- Health and Safety including; safe use of tools, asbestos & legionella awareness, manual handling and fire safety precautions
- Introduction to plumbing, gas and heating theory and principles
- Pipework installation and practical skills
- Gas Legislation, Building Regulations and British Standards
- Industry unsafe situations procedures
- Tightness testing of domestic natural gas installations
- Measuring and interpretation of gas pressures and the calculation of heat inputs
- Gas appliance functions and the operation of gas safety controls
- Principles of flueing, chimneys and combustion
- Safe isolation of electrical installations
- Energy Efficiency for Domestic Heating
- Approved Prior Learning (APL) Programme for Domestic Natural Gas
- Water Regulations (WRAS)
- Hot Water Systems & Safety (including Unvented hot water systems)

There are no specific entry requirements for the DNGA1-NE New Entrants Course, but to determine whether candidates are suitable, we offer a free of charge overview session. Within this session, we will explain course content, as well as assessing whether this entry level heating and plumbing training programme is right for you.

The Domestic Gas Sage Engineer (DNGA1-NE) includes the basic principles of gas heating and plumbing and pipework skills, leading to further areas such as heating design, gas safety and hot water systems. As this is a Managed Learning Programme, all topics are broken down into manageable sections, with industry recognised qualifications and certificates of competence awarded on completion of each module.



The New Entrants Gas Course (no prior experience) includes training and assessment in the following areas:

- Initial 4 weeks (20 days) of comprehensive intensive training
- You will then be ready to start building your on-site work portfolio under the supervision of a registered gas engineer. If you are not able to work with a registered gas engineer or company, then we can help you with this and you will be able to carry out work in real properties supported by a Gas Safe Registered Engineer (this is available at an additional cost)
- Additional training weeks at SGAS depending on your nominated pathway
- On completion of the DNGA1-NE New Entrants course and the APL course, successful students will receive competence certificates for the different technical elements and an industry recognised Managed Learning Programme (MLP) training certificate from Logic Certification; necessary to access ACS gas training and assessment.
- Once the on-site work portfolio has been completed and signed off you are ready to return to undertake the refresher training and ACS gas assessment for CCN1 & Appliances (5 days in-centre)
- 

Week	Typical Course Programme	Experienced operative	No experience
1	Induction, health & safety module, properties and characteristics of gas and gas work portfolio	Mandatory	Mandatory
2	Gas pipework installations, pressure / flow calculations and gas tightness testing & purging	Mandatory	Mandatory
3	Combustion and its control, chimneys / flueing and ventilation, Unsafe situations / duty of care	Mandatory	Mandatory
4	Pipework fabrication and installation, tracing and repairing gas escapes, gas rating, pressure, flow	<b>***</b> Reduced Training Input (RTI) (Individual training plan based on existing prior learning)	Mandatory
5	Central heating, gas boilers, water heating and heating design		Mandatory
6	Basic electrics, heating system wiring, controls and fault finding		Mandatory
7	Servicing, commissioning, safety checks, documentation and certificates		Mandatory
8	Revision and summative assessments	Mandatory / <b>***</b> RTI	Mandatory

**Table 1**

**\*\*\*** Reduced Training Input (RTI) – ‘**Existing operatives**’ (EO) with **previous supervised gas work experience** will not require the same level of training input as a ‘**new entrant**’ (NE) with no experience. Providing that the learner can demonstrate competence in these areas, these weeks can be compressed.

**All** learners must initially attend weeks 1, 2 and 3. Additional weeks and timescales for existing operatives (EO) can then be discussed and agreed on an individual basis.

Weeks 3 – 8 will include portfolio ‘write up’ time, supervised by a member of the SGAS technical team. Additional time / assistance required for portfolio supervision will be chargeable.

Our Domestic Gas Safe Engineer / **New Entrant Managed Learning Programme (MLP)** fully satisfies the requirements of IGEM/IG/1.

#### **Course Fees - New Entrants**

Domestic Gas Heating & Hot Water (DNGA1-NE) <b>New Entrants</b> Course	<b>£7745+ VAT</b>
# including MLP Registration, portfolio, course manual, and ‘week 1, 2 and 3’ etc. tuition	
Additional Gas Work Portfolio (implementation and management) <b>if required</b>	<b>£495 + VAT</b>
Gas ACS Refresher Training and Assessment – CCN1 (inc.CPA1) & CENWAT, HTR1, CKR1	<b>£890 + VAT</b>

Our Domestic Gas Safe Engineer / **Existing Operative Managed Learning Programme (MLP)** fully satisfies the requirements of IGEM/IG/1.

#### **Course Fees - Existing Operative**

Domestic Gas Heating & Hot Water (DNGA1-EO) <b>Existing Operative</b> Course	<b>#£3,945 + VAT</b>
# including MLP Registration, portfolio, course manual, and 'week 1, 2 and 3' etc. tuition	
Additional tuition weeks based on verification of prior learning (per week / 5 days)	<b>£875 + VAT</b>
Additional Gas Work Portfolio (implementation and management) <i>if required</i>	<b>£495 + VAT</b>
Gas ACS Refresher Training and Assessment – CCN1 (inc.CPA1) & CENWAT, HTR1, CKR1	<b>£890 + VAT</b>

Other MLP's available include:-

Managed Learning Programme (MLP) Title	MLP Code
Domestic Natural Gas Appliances (Central Heating Boilers & Instantaneous Water Heaters, Space Heaters and Cookers)	DNGA1
Domestic Natural Gas Appliances (Central Heating Boilers & Instantaneous Water Heaters and Cookers)	DNGA2
Domestic Natural Gas Appliances (Central Heating Boilers & Instantaneous Water Heaters)	DNGA3
Domestic Natural Gas Appliances (Cookers)	DNGA4
Domestic Meters	DNGM
Domestic LPG and Appliances (Leisure Accommodation Vehicles, Residential Park Homes)	DLPGA1
Domestic LPG and Appliances (Boats)	DLPGA2
Non Domestic Heating and Appliances, Pipework Installation and Commissioning	NDNG1
Non Domestic Heating and Appliances	NDNG2
Non Domestic Catering and Appliances	NDNG3
Non Domestic Laundry and Appliances	NDNG4
Non Domestic Pipework Installation and Commissioning	NDNG5

Please contact the SGAS centre to make an initial appointment, or to discuss queries by telephone on 01253 697078.

*Thank you*

