



Training courses for Installers, Commissioning/Serviceing Technicians and Merchants



**FEATURES:**

- GRANT PRODUCT COURSES
- G-ONE ACCREDITATION COURSES
- MCS COURSES
- LOGIC CERTIFICATION COURSES
- OFTEC TRAINING PROGRAMMES



## Grant Profile



### The Company

With an established history of over 30 years designing, manufacturing and supplying a wide range of highly efficient and reliable heating products, Grant has become a firm favourite for many householders and engineers, when choosing a new or replacement heating system. From the award winning Vortex range of oil-fired condensing boilers to the latest renewable products, Grant has focused on providing cost effective solutions to the problem of rising energy costs.

### Location

Grant UK's head office and training facilities are based in Devizes, Wiltshire. The town of Devizes is on the A361, 20 miles south of Junction 16 of the M4 motorway. A map and directions are available from the website: [www.grantuk.com](http://www.grantuk.com)

### Local training in your area

We realise that not everyone can make it to the Training Centre in Devizes, so we can organise and deliver 'off site' training courses for installers and commissioning /service technicians. These include OFTEC OFT10-105E/600A training/assessment (2-days) as well as 'free of charge' 1-day Grant product training sessions.

Off site training courses are delivered by our own instructors and are usually arranged in conjunction with local Grant stockists, fuel suppliers, heating contractors, or other technical colleges or training centres.



## Training facilities

Our purpose built training facilities include two air-conditioned lecture rooms, an extensive oil boiler training workshop and a 'renewables' training and assessment workshop complete with a full size training roof, working solar thermal, solar PV, air source heat pump and thermal store installations, solar thermal and PV training/assessment rigs and unvented hot water training/assessment rigs. This allows us to offer a wide range of training courses – including Grant product training courses, OFTEC training and assessment and Logic Certification courses.

In addition to the facilities, the Grant training staff have both a wealth of experience and technical knowledge of oil fired domestic boilers, heating systems and installation practice. This combination has resulted in the Grant UK Training Academy winning OFTEC National Training Centre of the Year in 2003, 2008 and 2010 as well as OFTEC Regional Training Centre of the year in 2005 and 2006 and also the H&V News Award for Excellence in 2004.



## New G-One Accredited Installer Scheme

For many years, Grant UK have forged close relationships with its installing customers. The 'G-One Scheme' takes this partnership to a whole new level by providing installers with the support and essential tools to confidently embrace our heating technologies.

Our G-One Scheme covers Air Source Heat Pumps, Solar Thermal, Condensing Oil-fired boilers and Wood Pellet Boilers. With Grant Wood Pellet Boilers, it is essential that the installer first obtains G-One status, before installing, failure to comply could invalidate the appliance warranty.

To become a G-One Accredited Installer you must successfully complete the relevant G-One course, hold adequate Public Liability insurance, comply with the Grant Accredited Installer Code of Conduct, and actively promote, specify and install Grant products.

Once completed, the installer has access to a whole host of benefits, including special offers and a personal area of the Grant website, featuring up to the minute product/industry technical bulletins and a live chat forum.

G-One courses are detailed on Page 5. For availability, please contact the Training Department.



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# Grant **Product** courses

## GRANT SOLAR PV (PHOTOVOLTAIC)

**Duration: 1 day**                      **Cost: P.O.A**

For experienced solar installers, heating installers or electricians wanting to get involved with this effective 'renewable' technology. This course covers all aspects of the Grant Solar PV system including the principles of solar PV system design, solar PV module construction and installation, inverters, electrical requirements and testing and commissioning.

## GRANT AIR SOURCE HEAT PUMPS (ASHP)

**Duration: 1 day**                      **Cost: Free\***

For those not involved in installation e.g. merchants and specifiers, but who want to know more about Grant Aeron Air Source Heat Pumps. This course covers all aspects of the Grant Air Source Heat Pump Range including refrigeration cycle theory, ASHP operation, Grant Aeron ASHP components and weather compensation controls, installation and commissioning requirements.

## GRANT WOOD PELLET BOILER

**Duration: 1 day**                      **Cost: Free\***

For those not actually involved in installation, but who wish to know more about the Grant Spira Pellet Boiler e.g. merchants, specifiers, etc. This course covers wood pellet characteristics, pellet storage and supply, boiler specification, construction and operation, installation requirements, electrical wiring, flue systems and burner basic operation.

## GRANT PRESSURE JET OIL BURNERS

**Duration: 1 day**                      **Cost: P.O.A**

For oil commissioning/servicing technicians and installers who want to know more about the pressure jet burners fitted to Grant boilers. This course covers the Riello RDB and G5BF burners, as well as the Ecoflam MAX1 and Sterling burners. It includes the principles of operation, operating sequences, component functions, fault finding and commissioning/servicing procedures, using both theory and practical 'hands on' sessions. It is an ideal preparation for technicians intending to take OFTEC 101 training and assessment.

## GRANT VORTEX WALL-HUNG BOILERS

**Duration: 1 day**                      **Cost: Free\***

For oil installers and commissioning/servicing technicians, this course covers all models - internal and external - in the Vortex Eco Wall-hung boiler range – including boiler construction, principles of operation, installation, balanced and conventional flue systems, condensate disposal, burner operation, fault finding and commissioning/servicing procedures.

## GRANT COMBI BOILERS (Non-condensing models only)

**Duration: 1 day**                      **Cost: Free\***

For oil installers and commissioning/servicing technicians, this course covers all aspects of the Grant non-condensing Combi boilers – including the Combi V3 & Combi Max as well as the MkII Combi models (internal and external). It covers principles of operation, installation and servicing/fault finding.



\* All free product courses are subject to a booking fee, which is refunded on attendance.



# G-One Accreditation Product courses

## **GRANT ACCREDITED AIR SOURCE HEAT PUMP INSTALLER**      **Duration: 2 day**      **Cost: Free\***

Intended for domestic heating and renewable installers who wish to join the Grant G-One scheme and become a Grant Accredited Airona Air Source Heat Pump Installer. This will include the sizing and selection of the correct unit(s) to suit the property concerned, the installation considerations and requirements, and the commissioning of the completed system. The course includes a written assessment, the successful completion of which will qualify the installer to become a Grant Accredited ASHP installer.

## **GRANT ACCREDITED WOOD PELLET INSTALLER**      **Duration: 2 day**      **Cost: Free\***

Intended for domestic heating and renewable installers who wish to join the Grant G-One scheme and become a Grant Accredited Spira Wood Pellet boiler Installer. The course covers wood pellet characteristics, pellet storage/supply, boiler specification/construction/operation, installation requirements, electrical wiring and controls, flue systems, burner settings and operation, commissioning, servicing and fault finding. The above topics are covered using a mix of theory, practical and 'hands on' training. Candidates must successfully complete the written and practical assessment at the end of the course in order to join the G-One Accredited Wood Pellet installer scheme.

## **GRANT ACCREDITED OIL-FIRED BOILER INSTALLER**      **Duration: 2 day**      **Cost: Free\***

Intended for oil installers who wish to join the Grant G-One scheme and become a Grant Accredited Vortex Oil-fired Boiler Installer. This course covers all models from the Grant Vortex range (including the Vortex Pro Combi 'e' boilers and Eco Wall-hung models) and includes boiler construction, principles of operation, installation, balanced and conventional flue systems, condensate disposal, burner operation, fault finding and commissioning/servicing procedures. The Grant GEO360 weather compensating control system is also covered on this course. Candidates must successfully complete the written assessment at the end of the course if they wish to join the G-One Accredited Oil-Boiler Installer Scheme. The course is also ideal for commissioning and servicing technicians who need a better knowledge of Grant Condensing Boilers.

## **GRANT ACCREDITED SOLAR THERMAL INSTALLER**      **Duration: 1 day**      **Cost: Free\***

Intended for either experienced solar thermal engineers or heating installers new to solar thermal, who wish to join the Grant G-One scheme and become a Grant Accredited Solar Thermal Installer. This course covers all aspects of the Grant Solar thermal system including principles of solar thermal, system design, collector construction and installation, pump station, controls and filling/commissioning procedures. Practical 'hands on' sessions include 'on the roof' collector installation, and the filling, flushing and commissioning procedures. Candidates must successfully complete the written assessment at the end of the course if they wish to join the G-One Accredited Solar Installer Scheme.

## **MCS** courses

### **GRANT/ECA MCS MADE EASY**      **Duration: 1 day**      **Cost: P.O.A**

This course will take delegates through the requirements of the Microgeneration Certification Scheme (MCS) in preparation for a successful scheme assessment. In particular, the Quality Management System requirements (as detailed in 'Appendix A' of MCS001\* – Installer Certification Scheme Requirements) are covered in detail. These must be complied with in order to achieve a successfully complete the "Office" or "Business" part of the MCS Assessment.

All delegates will receive a copy of the ECA MCS Quality Management System Manual that covers all the MCS requirements as detailed in MCS001 – including the 18 clauses of 'Appendix A'. Delegates will be taken through each section and the requirements will be explained, enabling them to edit their copy of the Manual to suit their own particular company.

For smaller companies ECA has developed a 'streamlined' approach using a series of booklets to simplify the process. These are included in the course in addition to the full manual.

Having explored the MCS Quality Management requirements, there will be plenty of time for delegates to raise any queries with the tutor regarding what they will need to do to prepare their own company for assessment. It must be realised that simply attending the 1-day course itself does not mean that the delegate will automatically meet the Scheme requirements and successfully complete the MCS Assessment.

# Logic Certification courses



## SOLAR HOT WATER CERTIFICATE

**Duration: 2 days**

**Cost: P.O.A**

This course is suitable for either experienced solar thermal installers or heating installers intending to install solar hot water systems. It covers all major types of indirect solar thermal systems and collectors with both theory and 'hands on' training. The course is not intended to cover roof or access work in detail. The assessment involves both written and practical tasks leading to a nationally recognised installer qualification.

**IMPORTANT:** It is a pre-requisite that candidates hold a current G3 certificate in Unvented Hot Water systems. Experience in basic electrical practice and a basic knowledge of the Water (fittings) Regulations is desirable.

## HOT WATER SYSTEMS & SAFETY CERTIFICATE (Including G3 Unvented Hot Water)

**Duration: 1 day**

**Cost: P.O.A**

This course is for experienced plumbers and heating installers wanting to install, maintain or service domestic hot water systems, in accordance with the requirements Approved Document G(ADG) 2010. This course includes the requirements for the installation of unvented hot water systems to Part G3. It involves both theory and 'hands on' training, whilst the assessment involves both written and practical tasks. Whilst not a pre-requisite, candidates are advised to complete the Water Regulations (WRAS) course prior to attending this course.

**IMPORTANT:** Applicants must be experienced in the installation of domestic hot and cold water systems. It is also essential that the candidate holds one DCLG recognised competency in a conventional fuel (e.g. gas, oil or solid fuel), or for those in the plumbing field an NVQ level 2 or equivalent plumbing qualification or experience. Candidates undertaking the course should be conversant with the new Part G document.

## WATER REGULATIONS ADVISORY SCHEME (WRAS) CERTIFICATE

**Duration: 1 day**

**Cost: P.O.A**

This course, intended for experienced plumbers, covers the requirements of The Water Regulations 1999. This is a WRAS Approved course. On successful completion of the assessment candidates will receive a WRAS Certificate and card that will allow them to apply for Approved Plumbing Contractor status with the Water Authorities.

## SOLAR PHOTOVOLTAIC CERTIFICATE

**Duration: 3 days**

**Cost: P.O.A**

This course is aimed at either experienced solar PV installers or experienced electricians intending to install Grid connected solar PV systems up to 6kWp. It covers the related regulations and standards, AC and DC theory, PV cell types, PV array types, system design and installation, commissioning, testing and fault finding. This course is not intended to cover roof or access work in detail. The assessment involves both written and practical tasks leading to a nationally recognised installer qualification.

**IMPORTANT:** It is a pre-requisite that candidates are electrically qualified and are able to design, install, inspect and test a single phase electrical circuit in accordance with BS7671:2008 (the IEE Wiring Regulations 17th Edition).

\* Logic course fees include all training materials, assessment, certification fee and lunch/refreshments.





## **OFT10-600A OIL TANK INSTALLATION**

**Duration: 1 day**

**Cost: P.O.A**

Training and assessment for practicing oil technicians wishing to obtain OFT10-600A registration – for installation of domestic and non-domestic oil tanks, allowing installers to ‘self-certify’ their tank installations in accordance with current Building Regulations in England & Wales.

## **OFT10-600A/105E OIL APPLIANCE AND OIL TANK INSTALLATION**

**Duration: 2 days**

**Cost: P.O.A**

Training and assessment for practicing oil technicians wishing to obtain both OFT10-600A and OFT10-105E registration – allowing them to ‘self certify’ their oil boiler and domestic/non-domestic oil tank installations.

## **OFT10-600A/105E/101 OIL APPLIANCE AND OIL TANK INSTALLATION, PRESSURE JET SERVICING/COMMISSIONING**

**Duration: 4 days**

**Cost: P.O.A**

Training and assessment for practicing oil technicians wishing to obtain OFT10-600A, OFT10-105E and OFT10-101 registration allowing them to ‘self certify’ their oil boiler and domestic/non-domestic oil tank installations and commission pressure jet oil appliances in accordance with Part L of the current Building Regulations (England & Wales).

For candidates lacking ‘hands on’ experience in the servicing/commissioning of pressure jet burners, Grant strongly recommends attending the Grant Pressure Jet Burner course before undertaking OFT10-101 training and assessment. See page 4 for further information.

## **OFT10-101 OIL PRESSURE JET SERVICING AND COMMISSIONING**

**Duration: 3 days**

**Cost: P.O.A**

Training and assessment for practicing oil technicians wishing to obtain OFT10-101 registration – as an oil servicing/commissioning technician allowing them to commission pressure jet oil appliances in accordance with Part L of the current Building Regulations (England & Wales).

For candidates lacking ‘hands on’ experience in the servicing/commissioning of pressure jet burners, Grant strongly recommends attending the Grant Pressure Jet Burner course before undertaking OFT10-101 training and assessment. See page 4 for further information.

\* OFTEC course fees include training, assessment, certification charges, all necessary OFTEC books and technical literature and lunch/refreshments.

Note: OFTEC course fees do not include the registration fees for OFTEC (or any other appropriate Registration Body).

# Booking your **course**



**STEP 1** Select the course (or courses) you wish to attend from this brochure

**STEP 2** Contact the Grant Training Department (on 01380 736943) to check available dates

**STEP 3** Make your booking with the Training Department, as follows:

## For free courses

### Grant Product and G-One courses

To book you will be asked to pay a booking fee. This will be refunded when you attend the course. This booking fee can be paid by credit or debit card over the telephone or alternatively with a cheque by return. You will then be sent a letter confirming the course details - date, start time, etc, along with any other applicable documents.

## For all chargeable courses:

### OFTEC, Logic Certificate, Burner and Solar PV courses

To book, you will be sent a letter confirming the course date and an enrolment form detailing the course fee, which must be completed and returned with full payment by the date stated on the form, i.e. within seven days to confirm your place. A receipted invoice will then be sent to you.

**Important: All bookings are only provisional until FULL payment is received by Grant UK. If payment is not received by the stated date on the enrolment form, the course place will be automatically re-allocated and the provisional booking cancelled.**

## Cancellations

In the event of a cancellation you will only be entitled to a full refund of the balance of the course fee if at least 21 days notice is given from the start date of the course in question. Cancellations or requests to change to a later course made at shorter notice will be subject to a cancellation charge. No refunds will be given for non-attendance. The initial booking deposit will not be refunded. Please ensure that all cheques are made payable to: Grant Engineering (UK) Ltd and are clearly marked with 'Training' on the reverse.



**GRANT ENGINEERING (UK) LTD**  
**HOPTON HOUSE, HOPTON INDUSTRIAL ESTATE,**  
**DEVIZES, WILTSHIRE, SN10 2EU**  
**T: 01380 736943 F: 01380 736991**  
**E: TRAINING@GRANTUK.COM W: WWW.GRANTUK.COM**

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All products manufactured under I.S. EN ISO 9001 and ISO 14001.

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