



WATER SCHEME PACKAGE

COURSE CONTENT

AIM

To provide relevant personnel / operatives with the knowledge and understanding to enable them to demonstrate compliance with legislation when carrying out installation, maintenance and inspection of hot and cold vented and unvented water systems in dwellings.

Pre-Requirement

Candidates should ideally have had previous work experience in trades associated with the construction industry. Those candidates wishing to work with gas fired equipment will also require the appropriate qualification for the industry i.e. ACS certification.

Course Duration

3 days (1½ days training and 1½ days assessment).

Maximum Number

10 persons

Training Aids

Lecture notes, audio visual presentation and a range of domestic plumbing installations.

Assessment

The learner will be assessed by a written and practical test in line with the scheme requirements.

Certification

On successful completion of the course candidates will receive an LCL certificate and identification card.

Additional Information

Meeting the needs and expectations of service users is of the highest priority to our staff. Therefore if you have any concerns or wish to make a comment about the service please contact: info@NETA.co.uk

COURSE OBJECTIVES

On successful completion of this course learners will be able to demonstrate competence in the following:

- Understand and recognise their role in preventing:
 - Waste
 - Misuse
 - Undue Consumption
 - Contamination
 - Erroneous Measurement
- Practical compliance
- Awareness of primary legislation
- Understand the meaning of documents:
- The regulators' specification on the prevention of backflow
- The WRAS Water Regulations Guide
- The various forms of domestic hot water systems for dwellings, small public buildings, small industrial and commercial premises
- Methods of protecting unvented bulk storage domestic hot water units from excessive pressure and excessive temperature
- Domestic hot water systems installation requirements
- Working principles of the system
- Commissioning and testing
- Sources of reference, statutory requirements and codes of practice
- Common faults and corrective and preventative measures
- Purpose and functional requirements of sealed hot water heating systems
- Working principles of the various type of domestic hot water systems
- Understanding Legionella Disease
- Understanding what the law states
- Understanding risk assessment
- Understanding relevant areas of the Water Regulations

- Understanding the dangers associated with hot and cold water services, solar hot water supply and spa pools
- Understanding the disinfection and treatments required

COURSE SYLLABUS

- Water regulations, interpretation and definitions
- Materials and substances
- Requirements, design and installation
- Backflow and contamination prevention
- Hot and cold water services
- Flushing devices
- Sanitary appliances, both internal and external
- Installation and safety
- Regulations, standards and guidelines
- Theory of hot water expansion
- Principles of hot water storage
- Design considerations
- Components and function
- Safety controls, discharge and integration
- Maintenance and servicing
- The background to Legionnaires Disease
- What is the Legionella Bacteria
- Where and how does it multiply
- How is it spread and contracted
- How to comply to the law
- Duties, obligations and records
- Assessing risk
- Controlling and reducing risk
- Methods of Treatment
- Prevention and disinfection
- Record keeping

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