



REDUCED PRESSURE ZONE VALVE TRAINING

3 DAY OPEN CLASSROOM

TRAINING OVERVIEW

This course covers the installation, commissioning and on-site compliance testing of the Type BA Device – a Verifiable Backflow Preventer with Reduced Pressure Zone Valve (RPZ).

The Water Industry offers sector membership of Approved Contractor Schemes (ACS) to RPZ Valve Testers who have completed training and assessment recognised by the individual sector schemes. The training and assessment covers the requirements of the

- Water Supply (Water Fittings) Regulations 1999 (England and Wales)
- Water Supply (Water Fittings) Regulations (Northern Ireland) 2009
- Water Supply (Water Fittings) (Scotland) Byelaws 2014,

and also the requirements set out in Issue 2 of the Water Industry Approved Installation Method AIM-08-01.

Upon the successful completion of the course and assessment, delegates will be deemed to have a basic understanding of the core subject.

COURSE AIMS

- Legislation and Safe Drinking Water Supplies
- Operational Function of the BA/RPZ Device
- Compliance Testing Procedures – North American, Three Valve Test Gauge or European Test Methods
- Compliance Testing Procedure, Testing of Number Twon Check Valve with a Manometer
- Water Regulations/Byelaws
- Fault Finding and Rectification
- Water undertakers Installation Method (AIMS)

HXT-W17

SHEFFIELD

**BOOK ONLINE
TODAY**

Or speak to a
member of our
sales team



DURATION

3-day course classroom based commencing at 10:00 hours, ending at no later than 16:30 hours on day 3, with a 60-minute lunch break.

LEARNING OUTCOMES

Develop or reinforce knowledge of:

1. Legislation and Safe Drinking Water Supplies
 - UK Water Supply Companies
 - Legal structure of UK water Supply Companies and reporting obligations
 - Safe public drinking water supply system
 - DEFRA
 - DWI
 - DWQR
 - LCWG
 - DAERA-NI
 - Water Industry Act
2. Operational Function of the BA / RPZ Device
 - Principle working of the BA / RPZ device
 - Description of the zones within the device
 - Names given to additional items of equipment installed within the BA/RPZ installation.
 - Normal operation of the device.
 - Backflow / backsiphonage conditions.
 - Understanding the valves inbuilt buffer
3. Compliance Testing Procedure. North American, Three Valve Test Gauge or European Test Method
 - Commissioning and testing of the device
 - Disc compression of check valve 2
 - Recording of information
4. Compliance Testing Procedure. Testing of Number Two Check Valve with a Manometer.
 - Understanding of the test procedure
5. Water Regulations /Byelaws. The learner will gain an understanding in the following criteria
 - 14 Regulations / Byelaws
 - Notification
 - Backflow prevention
 - Fluid categories
 - Pipework identification
6. Fault Finding and Rectification
 - Understanding of the most common faults
 - How to recognise common faults
 - How to rectify common faults
7. Water Undertakers Installation Method. (AIMS)
 - Read and fully understand the national guide for the installation, testing of the RPZ/ BA device



WHAT CERTIFICATION WILL YOU ACHIEVE?

On successful completion candidates will achieve a City & Guilds Accredited certificate in. This certificate should be refreshed every 5 years.

HOW IS THIS COURSE DELIVERED?

Learning will be delivered in a classroom environment in the form of trainer explanation, group discussions, videos, practical classroom exercises and will be broken up with breakout sessions. Assessment of learning will be a multiple choice delivered by paper. 3 hour virtual course and 1 day on-site options available.

DO YOU NEED TO BRING ANYTHING WITH YOU?

- Photographic ID
- The course trainer will provide everything else for the course

ASSESSMENT

The training and assessment cover the requirements of the Water Supply (Water Fittings) Regulations 1999 (England and Wales), the Water Supply (Water Fittings) Regulations (Northern Ireland) 2009 and the Water Supply (Water Fittings) (Scotland) Byelaws 2014, and the requirements set out in the Water Industry Approved Installation Method AIM.

This is part of a City & Guilds accreditation scheme which recognises the competencies that the candidate has achieved after a period of work experience or training. All candidates will be assessed via a multiple-choice question paper and direct observation.

MULTIPLE CHOICE QUESTIONS

- Closed book
- Total of 40 questions
- Duration 60 minutes
- The assessment paper is split into two sections.
- To achieve a pass mark, you must answer all 10 core questions correctly i.e., achieve 100% on your first attempt. You must also achieve a pass rate of 80% for the other 30 questions. (24 out of 30 marks).
- In the event of you failing to achieve either of these pass marks in the theory assessment, it will necessitate you undertaking a full re-assessment on a separate date.

PRACTICAL ASSESSMENT

- Correctly identify the PRZ assembly
- Correctly attach the test kit to the RPZ valve
- Carry out a test using the North American or European test method
- To record the data correctly
- To identify and rectify a fault within the RPZ
- Complete the compliance test
- There is a maximum of 58 marks available within this assessment process for correct answers and procedures. To pass, you must achieve a 100%



RELATED COURSES


Delegates undertaking this course may also be interested in the following City & Guilds and IOSH accredited training courses:



IOSH-WS

ON-SITE LIVE WEB-CONFERENCE
OPEN CLASSROOM

IOSH WORKING SAFELY
1 Day (Open Classroom)
1 Day (Live Web-Conference)



HXT-W02

ON-SITE LIVE WEB-CONFERENCE
OPEN CLASSROOM

LEGIONELLA RESPONSIBLE PERSON
1 Day (Open Classroom)
3.5 Hours (Live Web-Conference - pre add-on for W03)



HXT-W12

ON-SITE LIVE WEB-CONFERENCE
OPEN CLASSROOM


DISINFECTION OF DOMESTIC SYSTEMS
1 Day (Open Classroom)
3 Hours (Live Web-Conference)



HXT-W05

ON-SITE LIVE WEB-CONFERENCE
OPEN CLASSROOM


MANAGEMENT OF WATER SYSTEMS IN HEALTHCARE ESTATES HTM
2 Days (Open Classroom)
6 Hours (Live Web-Conference)



HXT-W13

OPEN CLASSROOM

TMV INSTALLATION, COMMISSIONING & MAINTENANCE FOR HEALTHCARE HTM
1 Day (Open Classroom)



HXT-W14

ON-SITE LIVE WEB-CONFERENCE
OPEN CLASSROOM

TMV INSTALLATION, COMMISSIONING & MAINTENANCE
1 Day (Open Classroom)
3.5 Hours (Live Web-Conference)