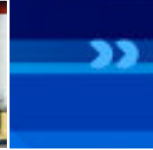


British Compressed Air Society Ltd

# COMPETENT EXAMINER PRESSURE SYSTEMS SAFETY REGULATIONS 2000:128 COMPRESSED AIR SYSTEMS



A unique 5 day course for  
compressed air engineers

leading to a BCAS certificate  
in compressed air system  
testing and examination



 **bcas**  
BRITISH COMPRESSED  
AIR SOCIETY LIMITED



## **YOUR LEGAL OBLIGATIONS – THE PRESSURE SYSTEMS SAFETY REGULATIONS**

As the owner or user of a compressed air system operating in excess of 0.5 bar and containing an air receiver you must comply with 15 regulations, one of which is the requirement under the Pressure Systems Safety Regulations to have a written scheme and to have examinations of the equipment carried out at intervals specified within that scheme.

## **A UNIQUE COURSE TO ENSURE YOU COMPLY WITH THE LAW**

BCAS developed this course to provide the basic knowledge and skills necessary to be able to offer examination services in accordance with the Pressure Systems Safety Regulations. This qualification assures your customer that you have reached an approved standard to carry out the function of a Competent Examiner. In the event of an accident, such a certificate would demonstrate to the Health and Safety Executive that you have met your duty of care obligations.

## **WHO SHOULD TAKE THIS COURSE?**

- Users of compressed air to conduct in-house examination of their own systems
- Distributors of compressed air equipment or services in order to offer a service to their customers with the added reassurance of their staff having achieved certification
- Maintenance service companies
- Field inspectors who offer the service as part of insurance cover

## **WHAT PRIOR KNOWLEDGE IS REQUIRED OF ATTENDEES?**

Candidates are expected to have a minimum of 3 years experience in the compressed air industry, and to be aware of the examination requirements contained within the Pressure Systems Safety Regulations.



## **COURSE STRUCTURE AND SUBJECT AREAS:**

The course contains three assessments:

- Hands-on safety testing of air receivers, valves and pressure gauges
- A practical non-destructive testing theory assessment
- Knowledge test, closed book, multiple choice.

**DAY 1** Introduction to Pressure Systems Safety Regulations with a focus on Regulation 9 for examination and the required documentation Introduction to in-course exercise.

**DAY 2** Introduction to relevant physics and pressure drop calculations  
Symbols and circuit diagrams ISO 1219.  
Health & safety, and inspection legislation and relevant UK/EU/ISO standards  
Approved Codes of Practice including pressure systems and pressure vessel inspection and lone working.

**DAY 3** Non-destructive testing (NDT) techniques. Practical exercises in the application of these techniques, including testing of pressure vessel and calibration of pressure gauges and pressure relief (safety) valves.

**DAY 4** Review and evaluation of written schemes of examination using actual case studies of real documents and situations for you to make recommendations for courses of action

Completion of in-course exercise and the multiple choice exam.

**DAY 5** Revision interactive question sessions followed by the final exam in the afternoon.

# The British Compressed Air Society is the UK trade association for manufacturers, distributors and users of compressed air and vacuum equipment

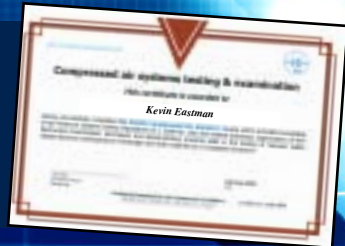
## **COURSE DATES & LOCATION**

The course is run on demand and a date set once a minimum of 8 people have registered. The course is held at Sheffield and the maximum number per course is 10 people

## **HOW DO I REGISTER?**

For a registration form and further information please contact the BCAS offices:

Candidates successfully completing all the course assessments will be awarded the BCAS Competent Examiner Certificate. This provides the underpinning knowledge and skills required to contribute towards becoming a competent person.



**Price:** Please refer to the BCAS website for up to date prices of all training courses.

The fee for this 5 day course includes all course materials, literature and refreshments but excludes accommodation.

For a free monthly newsletter, fact sheets (energy, legislative and technical), training and publications:

**Visit:** [www.bcas.org.uk](http://www.bcas.org.uk)

**Email:** [info@bcas.org.uk](mailto:info@bcas.org.uk)

**Tel:** 020 7935 2464

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