Safe and successful operations in the oil and gas industry require a critical understanding of how valves and their associated equipment operate. Equally important is recognition of potential leaks, hazards and failures and an appreciation of crucial valve maintenance. In fact, awareness of valves is crucial whatever your role in the industry.

Our Essential Valve Knowledge training provides this understanding; it is delivered at two levels and is suitable for all. The level of course most suited to you will be dependent on your job function and experience.







#### Level 1 – Introductory

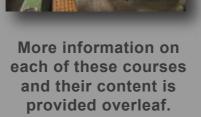
Designed to build basic valve awareness, this introductory course is suitable for those who have no prior knowledge or who have a basic appreciation of the primary valve types. Course delivery can be tailored to suit any audience including office-based personnel and those who are new to the industry.



#### Level 2 - Advanced

An in-depth course that is a 50/50 split between workshop and classroom based training. Delegates have the opportunity to strip down valves and actuators, examine their internal components and discover how these can deteriorate. Effective maintenance techniques are also demonstrated.

This course has been designed for engineers, operators, mechanical technicians and valve buyers.



Score Training also offer a range of courses on specific valve types, accessories and maintenance including:

Actuators (1 day)

 $\bullet$ 

- $\bullet$

For a full list of courses visit our website or contact us at the address below.





- Wellbank Peterhead Aberdeenshire
- Scotland
- AB42 3GL



be.trained@score-group.com

Ball Valves (1 day) Compression Packing (1 day) Control Valves (1 day) Plug Valve Maintenance (1 day) Pressure Safety Valves (3 days) Sealant Injection (1 day)

## **Score Training**

## +44 (0) 1779 482333



# SCORE CRAINING intelligent valve training



## **Essential Valve** Knowledge

The Essential Valve Knowledge (EVK) courses offered by Score Training have been designed to provide engineers, buyers and operations personnel in the oil & gas industry with a critical understanding of valves and associated equipment.



Part of the Score Group of companies, providing valve maintenance and management services to the oil, gas, subsea and energy industries, Score Training draw on over thirty years of experience and expertise in our field to deliver practical training solutions to operators and service companies worldwide.

Our EVK Level 2 course includes hands-on workshop based elements, allowing training delegates the opportunity to strip down valves then to handle valve components and associated equipment, gaining a real insight as to how these function.

Practical training is delivered in our custom-built training workshop. The workshop is extensively resourced with a full range of specialist equipment including hydrostatic and gas test cells, a PSV test cell and a simulated flow-spool. An extensive range of training valves in a variety of conditions is used during workshop sessions to provide training delegates with experience in realistic scenarios.

Our EVK courses are structured, well-designed and consistently applied providing a standard for valve knowledge training.

Are you ready to join the growing list of companies who recognise EVK as the benchmark for valve knowledge training?

## Essential Valve Knowledge Level 1

Entirely classroom based; 3D modelling and an extensive selection of cut-away training valves are used to aid visualisation and understanding of valves and their main components.

## **Course Content**

The course focuses on the following valve types:

- Pressure Safety Valves
- Control Valves
- Check Valves
- Needle Valves

#### • Glob

Plue

Gat

Training also provides a basic apprecia

- Flow manipulation
- Pressure

ComHydr

Following training, delegates will have the necessary knowledge to identify the primary valve types, operators and the principles of their selection. A heightened awareness of the potential failures that can lead to hazardous situations will be gained.



## Essential Valve Knowledge Level 2

Through a combination of theory and workshop-based training, delegates are given the opportunity to strip down various valve types, enhancing understanding of their components and functions.

### **Course Content**

The	course	focuses	on	the	following	valve	types:

ug Valves ate Valves obe Valves • Butterfly Valves • Choke Valves	<ul> <li>Pressure Safety Valves</li> <li>Control Valves</li> <li>Check Valves</li> <li>Bellows Valves</li> <li>Needle Valves</li> <li>Bellows Valves</li> </ul>
ciation of the following areas:	Workshop-based training also covers:
ommon valve defects drocarbon releases	<ul> <li>Seats &amp; Seals</li> <li>PSV Calibration</li> <li>Non-Invasive Maintenance</li> <li>Pressure Testing</li> </ul>
e the necessary knowledge to identify nd the principles of their selection. A al failures that can lead to hazardous	As a result of the training, personnel will be able to identify and operate a

As a result of the training, personnel will be able to identify and operate a range of valve types, spot the early warning signs of any potential problems and test valves to ensure they are functioning correctly. They will understand when and how to apply basic valve maintenance techniques.







\*This course is available at a rate discounted by 20% to those who have already attended the Level 1 course