

# HSE Closed Bell Diver Training

(3-week course / six students)

## Course overview:

This three-week program equips experienced divers with the competence necessary to operate closed bell systems safely and effectively. Delivered at our state-of-the-art, purpose-built training facility at DEEP Campus, Chepstow, the course combines theoretical, practical, and emergency training. Through a blend of instructor-led theory lessons and practical training, students will gain competence in closed bell operations, life-support systems, transfer under pressure, and emergency response. The course culminates in a heliox saturation closed bell dive and decompression during the final week. On successful completion, candidates will achieve the UK HSE Closed Bell Diver certification.

## By the end of the course, participants will be able to:

- Demonstrate a thorough understanding of closed bell, saturation and life-support systems.
- Understand diving gas partial pressures, depth/pressure changes and decompression tables
- Understand emergency life-support equipment and systems.
- Manage the closed bell environment, communications and diving gas supplies.
- Safely Transfer Under Pressure
- Perform the role of Bellman and tend divers to/from the closed bell
- Perform diver lock-outs to/from the closed bell.
- Perform the recovery of a stricken diver into a closed bell.
- Perform closed bell diving emergency procedures.
- Perform saturation chamber emergency procedures Undertake emergency procedures.

## Course structure:

During weeks one and two, training will be split into half days for theory and practical. This is followed in week three by a saturation dive from the closed bell system and the final examination:

### Week 1

- System Familiarization
- Closed Bell Checks
- Shallow\* Closed Bell Diving
- Transfer Under Pressure

- Standard Operating Procedures
- Emergency Procedures
- Habitat Evacuation
- Saturation Systems
- Environmental Control
- Chamber Operating Procedures

### Week 2

- Closed Bell Launch and Recovery
- Shallow\* Closed Bell Diving
- Shallow\* Transfer Under Pressure

- Introduction to SAT
- Diving Legislation
- Diving Physics
- Heliox Decompression
- Dynamic Positioning
- Life Support

### Week 3

- Closed bell diving (50m and 65m)
- Saturation decompression
- Casualty handling in a chamber
- Post decompression tasks
- Post dive administration

- Diving documentation
- Revision
- Examination

**Assessment:**

Candidates will be subject to practical assessment throughout the course during which time they must demonstrate competence in:

- Bell handling
- Lock-out/lock-in procedures
- Diving Gas and life-support system management
- Emergency drills and responses
- Teamwork and communication

**Final qualification will be subject to the successful completion of the UK HSE examination with a pass mark of 80% (51 marks/60)**

**Prerequisites:**

All prospective applicants should be aware that this course has a number of prerequisites for attendance, evidence of which will need to be provided on application and original documents at course commencement. These will include:

- A valid and approved Surface Supplied diving qualification to 50 meters (held for minimum of 12 months)
- A certification of medical fitness which remains in date for the duration of the course
- A valid certificate of competence in First Aid at Work which remains in date for the duration of the course
- A minimum of 100 dives (recorded) since qualification as an offshore surface supplied breathing apparatus diver.

Please make an enquiry if you require further clarification on prerequisite qualifications and experience.

**Location:** UK – DEEP Campus, Chepstow.

**Price:** £30,000

**Certification:** HSE Closed Bell Diver certification  
(Class 2 / Closed Bell)

**Further Information and registration:**

Visit our website [deepinstitute.com](http://deepinstitute.com) and fill in the contact form on the course page, or email us at [deep.courses@deep.com](mailto:deep.courses@deep.com)