

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: £36,000 (inc. VAT)

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

Further Information and registration:

Visit our website deep.com

and fill in the contact form on the course page, or email us at training@deep.com

Note:

This course is delivered in English and it is essential that individuals have sufficient language skill to be able to follow safety instructions, particularly in relation to equipment use, safety procedures, dive tables and depth calculations, and emergency protocols.

They must be able to complete the examined theory components comfortably and without language support.