

Commercial Self Contained Underwater Breathing Apparatus (CSCUBA) Diving Supervisor — Level 3

First Ministry of Manpower (M.O.M.) Singapore Accredited Training Provider
Course Fee: S\$2,100



Singapore Commercial Diving Competency for Inland/Inshore

Course Overview

This course specifies the competencies required for training and certification of diving supervisors for commercial diving operations using Commercial Self Contained Underwater Breathing Apparatus (CSCUBA). The course outlines the competency and training requirements for Level 3 diving supervisor qualification: **Commercial SCUBA Diving Supervisor (No decompression; maximum depth 30m)** and describe the competency requirements to train dive supervisors to safely and competently plan and supervise diving operations involving CSCUBA.

This standard is prepared by the **Workplace Safety & Health Council (WSHC)** in consultation with the **Commercial Diving Association (Singapore)**. It should be understood by the user of this standard that the requirements contained herein are the minimum acceptable levels. The training and assessment of commercial diver trainees is carried out in accordance with the requirements of the relevant legislations, codes of practices, technical advisories and guidelines e.g. Workplace Safety and Health Act (WSHA), Code of Practice for Diving at Work (Singapore Standards SS 511) and Technical Advisory (TA) for Inland/Inshore Commercial Diving Safety and Health.

This Standard is Part 2 of the standards relevant to the training and certification of commercial divers, where the requirements of authorities and industry demand a prescribed standard of training and competence to ensure an adequate degree of safety and performance during diving operations. With this standard, it provides the authorities, training providers and trainees a summary of the minimum competencies required by CSCUBA Diving Supervisors, and details the minimum content of a training course for imparting these competencies to a trainee occupational dive supervisor.

Course Objectives

This competency standard outlines the minimum requirements for commercial diving supervisors to work safely and competently, and to be trained/certified as a Commercial SCUBA (CSCUBA) Diving Supervisor. This competency standard is intended to provide understanding, describes the theory requirements, practical application of diving knowledge, techniques required to supervise dives while using CSCUBA to a maximum depth of 30m (99fsw) with no decompression diving.

Course Content

Core Competency Units

- Legislation and Standards
- Advanced Diving Theory: Physics
- Advanced Diving Theory: Physiology
- Dive Planning
- Documentation and Records
- Leadership and Communication

Specific Competency Units

- CSCUBA Diving Equipment, Systems, Procedures and Practices
- Conduct CSCUBA Diving Operations

Who Should Attend Suitable for individual who are already qualified as CSCUBA Diver and aspires to further their commercial diving career in Singapore.

Course Duration 5 days

Course Fee S\$2,100

Entry requirements for CSCUBA Diving Supervisor

- The trainee must be in possession of a valid certificate of medical fitness.
- Be at least 21 years of age.
- Be able to add, subtract, multiply and divide whole numbers, decimals and fractions.
- Be able to calculate percentages; and transpose and solve simple formulas, e.g. gas laws.
- Understand written and verbal communications in English, and be able to communicate easily with other persons.
Note: This is particularly important where trainees or instructors are of differing nationalities.
- Be trained and qualified as a CSCUBA Diver; with a minimum of 1 years experience and a minimum of 150 dives logged as a CSCUBA Diver
 - Claims to such experience must be supported with a portfolio of certified and/or formally logged supporting evidence.
- Able to demonstrate sufficient maturity, leadership and management skills through provision of a letter of suitability for training as a diving supervisor provided by a recognized commercial diving employer.
- Hold a certificate from a recognised diving first aid course (this may be included in the training / assessment process)
- Trained in management of risks (MOM Accredited Risk Assessment course)

Working Categories for Inland/Inshore Commercial Diving (0 – 30 metres)

Includes but not limited to underwater inspection and photography; environmental management; scientific diving; aquaculture; aquariums; underwater film production; police and emergency services rescue response.

Note: All dives are to be No Decompression diving.

Course Assessment and Certification

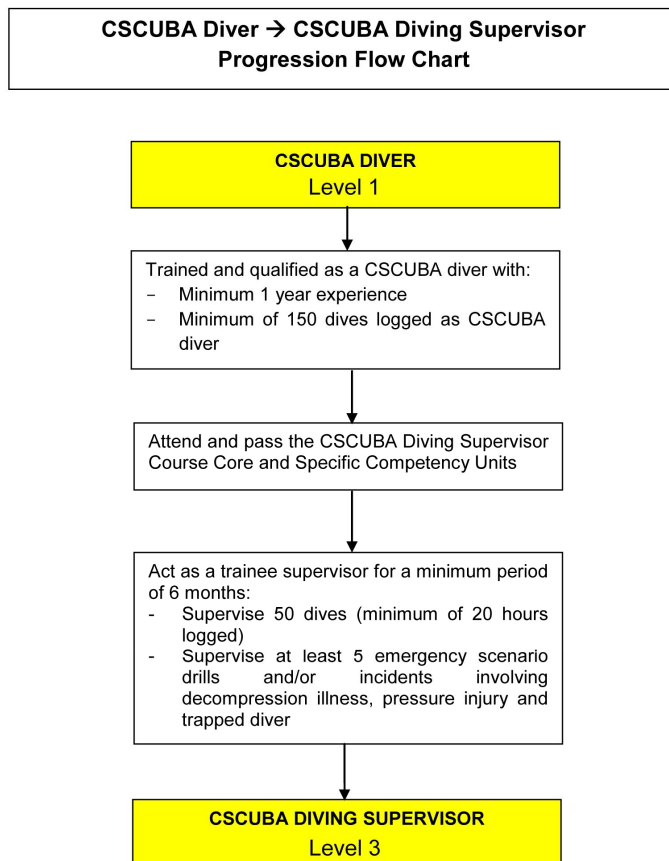
There will be many group work activities such as conduct a job specific dive briefing/ tool box talk meeting, preparation of dive plan, develop emergency response procedure, develop a dive plan, complete dive logs/reports etc. Candidates are assessed by a multiple-choice examination.

Upon successful completion and passed the diving supervisor training and competency assessment, the delegate will be awarded with KBA Training "Certificate of Completion— CSCUBA Diving Supervisor".

Note:

- This Standard does not apply to the supervision of diving operations conducted within the Offshore Oil & Gas industry.
- This Standard may be used to train and assess dive supervisors for any type of diving operation in the type of diving method (CSCUBA) the certification is relevant to. However, for certification to be awarded it is necessary for the diving supervisor to be competent at effectively supervising a range of common general diving operations.

Diving Supervisor Progression Flow Charts



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