

Standard Number: 2.B.36 / BOD no 193 (05-05-2016)

CMAS Cave Diver 2 (Cave Diver) Standard

1. Aim of the training programme

1.1 The Cave Diver 2 course represents the second step of the training required to complete the CMAS Cave Diver level 3 (Full Cave Diver) and develops basic cave diving skills with limited penetrations of the cave environment. This programme introduces students to the fundamental principles of full cave diving, but is not intended to cover all facets of full cave diving. Students are highly encouraged to move on to the next level of training before attempting to plan and execute more complex dives.

2. Classification

2.1 The CMAS Cave Diver 2 Training Programme is classified as an advanced level speciality diver training programme.

2.2 The CMAS Cave Diver 2 course is not intended to prepare divers for evaluating all facets of cave diving. It is intended to expose students to different cave diving scenarios of dive planning and skill perfection. Although the student is introduced to more complex navigation techniques, students are encouraged to complete the next level of training before attempting complex dives.

3. Instructor and Assistant Requirements

3.1 The CMAS Cave Diver 2 Training Programme may be presented by any CMAS Full Cave Instructor in active status with a minimum of a CMAS Two Star Instructor

3.2 The CMAS one Star Instructor with a minimum of a CMAS Cave Instructor (CMAS Cavern Instructor) level 1 may assist but not more than one (1) assistant per one (1) instructor

3.3 Student - Instructor ratios:

3.3.1 In open water, confined area: max. four (4) students per one (1) instructor

3.3.2 Max. three (3) students per one (1) instructor under normal (average) conditions, limited by Nitrox 32 as breathing gas and - 30 m as max, depth

3.3.3 It is in the responsibility of the instructor to monitor students at all times during the dive.

4. Competencies of a certified CMAS Cave Diver 2

4.1 A CMAS Cave Diver graduates with knowledge of the correct usage of the required equipment and the skills to safely plan and organise cave dives in Zone 2 and to execute them in the company of other certified cave divers of the same or higher level.

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- 4.2 A CMAS Cave Diver 2 upon successful completion of this course, may engage in single guideline cave diving activities without direct supervision as long as the following limits are adhered to:
- 4.2.1 A CMAS Cave Diver 2 masters all techniques to orient themselves even under zero visibility and total loss of light or during a silt-out and is able to find their way back safely to the entrance;
 - 4.2.2 Cave Zone 2. The cave has all the characteristics as defined for Zone 2 (size of passages, guidelines etc.);
 - 4.2.3 Penetration is limited to one-third (1/3) of available gas volume
 - 4.2.4 Thirty (30) meters maximum depth;
 - 4.2.5 Maintain a continuous guideline;
 - 4.2.6 Proper Cave diving equipment is used;
 - 4.2.7 The use of Nitrox mixtures up to 40% is acceptable, provided that the required Nitrox Diver certification has been obtained beforehand.

5. Prerequisites for participation in the training programme

- 5.1 In order to gain access to the Cave Diving 2 Training Programme, the participant shall:
- 5.1.1 Be at least eighteen (18) years of age; there is no upper limit;
 - 5.1.2 Hold a CMAS Two Star Diver or equivalent certification;
 - 5.1.3 Hold a CMAS Cave Diver 1 or equivalent certification, or successfully passed assessment;
 - 5.1.4 Hold a CMAS Nitrox Diver or equivalent certification;
 - 5.1.5 Has the aptitudes as described in the CMAS Technical Skills course;
 - 5.1.6 Hold one of the recommended specialty certificates: Sidemount Diver
 - 5.1.7 Has a minimum of (fifty) 50 open water dives of which are (ten) 10 night dives, four (4) cavern dives (without assessment) in at least one (1) different cavern since Cave Diver 1 (Cavern Diver) certification;
 - 5.1.8 Complete the medical history/statement form required by the CMAS Federation prior to participating in any in-water activities.
 - 5.1.9 Sign the appropriate form(s) as required by the CMAS Federation acknowledging and assuming the risks of SCUBA diving prior to participating in any in-water activities

6. Requirements for certification

- 6.1 In order to be certified as a CMAS Cave Diver 2 the student shall:
- 6.1.1 Comply with all prerequisites for participation in the training programme according to the CMAS standards;
 - 6.1.2 Successfully complete the theoretical assessment according to the CMAS standards;
 - 6.1.3 Successfully complete the practical skills assessment according to the CMAS standards.

7. Required theoretical knowledge and diving skills

7.1 The participant shall receive tuition in the theoretical knowledge and practical skills according to the CMAS standards.

8. Theoretical training parameters

8.1 The CMAS Instructor shall comply with the theoretical training parameters according to the CMAS standards.

9. Practical training parameters

9.1 The CMAS Instructor shall comply with the practical training parameters according to the CMAS standards.

10. Assessment

10.1 Knowledge

10.1.1 The participant shall demonstrate to the CMAS Instructor knowledge of CMAS Cave Diver diving theory and techniques by passing an oral or written examination. This examination shall measure CMAS Cave Diver 2 diving theory and techniques according to the CMAS standards.

10.2 Practical skills

10.2.1 The participant shall demonstrate to the CMAS Instructor their mastery of CMAS Cave Diver 2 practical skills according to the CMAS Standards, during a practical skills assessment session.

11. Certification

11.1 Upon successful completion of the training programme the participant shall be awarded with a CMAS Cave Diver 2 C-card.