

Standard Number: 2.B.38 / BOD no 193 (05-05-2016)

## **CMAS Cave Diving Instructor 1 (Cavern Diving Instructor) Standard**

### **1 Aim of the training programme**

1.1 The CMAS Cave Diving Instructor 1 Training Programme is aimed at introducing a very proficient and experienced cave diver on cave instruction entry level. They have the required knowledge, the skills and the experience to teach in the classroom, in the swimming pool, in open water and in zone 1 of a cavern /cave and to organize and direct cave diving courses on level 1 under their own responsibility. They may also act as an assistant during Cave Diver 2 and 3 courses.

### **2 Classification**

2.1 The CMAS Cave Diving Instructor 1 Training Programme is classified as an advanced technical - level leadership diver training programme.

### **3 Instructor and Assistant Requirements**

3.1 Training and certification will be planned and executed by a (1) CMAS Cave Diving Instructor 3 (Cave Diving Staff Instructor) in active teaching status.

3.2 Well experienced Cave Diving Instructors 2 (Full Cave Diving Instructor) in active teaching status can be used as assistants.

### **4 Competencies of a certified CMAS Cave Diving Instructor 1**

4.1 May act as a divemaster (guidance) with already certified cave divers and instructors of any level in the appropriate zones.

4.2 Planning, organisation and execution of complete CMAS Cave Diver 1 courses incl. classroom teaching, guiding, water work, examination and certification in their own responsibility.

4.3 Assistance during CMAS Cave Diver 2 courses and evaluation under direct supervision and control of min. one (1) CMAS Cave Diving Instructor 2 (Full Cave Instructor) in active teaching status.

4.4 Assistance during CMAS Cave Diver 3 courses (except for evaluations) under direct supervision and control of min. two (2) CMAS Cave Diving Instructor 2 (Full Cave Instructor) in active teaching status.

### **5 Prerequisites for participation in the training programme**

#### **5.1 Requirements at start of course (admission)**

5.1.1 Certification as CMAS one Star Instructor in active teaching status

5.1.2 Certification as CMAS Cave Diver 3 or equivalent (e.g. Full/Stage Cave Diver NACD/NSS or CDAA Penetration Diver, incl. Type 3 Sinkhole) for at least 1 year

5.1.3 A valid First Aid and CPR certification from a nationally recognized organisation

5.1.4 Valid medical attest for diving fitness according to the concerning requirements of the national federation (<= 1 year)

5.1.5 At least 10 cave dives in zone 2 and 5 cave dives in zone 3 as a divemaster during guided tours

5.1.6 Successfully passed entry assessment

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## 5.2 Requirements to be fulfilled until end of course

- 5.2.1 Minimum 20 years old
- 5.2.2 Minimum 300 open water dives in total
- 5.2.3 Minimum 100 cavern- and cave dives in total, of which
  - 5.2.3.1 30 cave dives in zone 2 and
  - 5.2.3.2 20 cave dives in zone 3, of which min. 5 dives in the 40m depth range
  - 5.2.3.3 In at least 5 different caves
- 5.2.4 Assistance in 2 complete CMAS Cave Diver 1 courses

## 5.3 Recommended Specialty Certificates

- 5.3.1 CMAS Technical skills or equivalent
- 5.3.2 CMAS Gas Blender or equivalent

## 5.4 Compulsory Specialty Certificates

- 5.4.1 CMAS Advanced Nitrox Diver or equivalent;

## 5.5 Entry assessment (only if needed)

- 5.5.1 An entry assessment can be utilized to verify that candidates fulfill all prerequisites with regard to theoretical knowledge, practical skills and physical performance. Candidate must successfully pass all assessment requirements before being accepted to the course.

## 6 Requirements for certification

- 6.1 In order to be certified as a CMAS Cave Diving Instructor 1 (Cavern Diver Instructor), the student shall:
  - 6.1.1 Comply with all the prerequisites for participation in the training programme according to this standard
  - 6.1.2 Successfully complete the general topics / overall competence level assessment according to this standard
  - 6.1.3 Successfully complete the theory assessment according to this standard
  - 6.1.4 Successfully complete the practical cave diving skills assessment according to this standard
  - 6.1.5 Successfully complete the classroom teaching assessment according to this standard
  - 6.1.6 Successfully complete the practical teaching assessment according to this standard

## 7 Required theoretical knowledge and diving skills

- 7.1 The participant shall receive tuition in the theoretical knowledge and diving skills as prescribed in the Standard.

## 8 Theoretical training parameters

- 8.1 The CMAS Cave Diving Instructor 1 (Cavern Diver Instructor) shall conform to the standard theoretical training parameters as prescribed in the Standard.

## 9 Practical training parameters

9.1 The CMAS Cave Diving Instructor 1 (Cavern Diver Instructor) shall conform to the standard practical training parameters as prescribed in the Standard.

## 10 Assessment

### 10.1 General topics / overall competence level

10.1.1 Before being certified, the candidate must have shown proof of their ability to:

10.1.2 Fully understand the complete CMAS cave diving training system with special emphasis on the cave diver level 1 and 2

10.1.3 Teach and demonstrate the complete theoretical and practical content of a Cave Diver 1 course, in the classroom, in the open (land, water), and in zone 1 itself

### 10.2 Theory

10.2.1 The theoretical knowledge evaluation is done within the framework of a continuous evaluation system.

### 10.3 Practical cave diving skills

10.3.1 The skills evaluation is done within the framework of a continuous evaluation system.

10.3.2 All required qualifications will be repeatedly evaluated during the training course. The certificate will only be given when the candidate has finally passed all requirements.

10.3.3 The Cave Diving Instructor 1 (Cavern Diving Instructor) candidate must be able to perfectly demonstrate all drills and exercises at the cave diver 1 and 2 level.

10.3.4 The evaluation is done by a (1) different CMAS Cave Diving Instructor 3 (Cave Diving Staff Instructor) and with standardized evaluation forms.

### 10.4 Classroom teaching

The candidate has to perform at least 2 courses under supervision of a (1) Cave Diving Instructor 3 (Cave Diving Staff Instructor) and with standardized evaluation forms.

### 10.5 Practical teaching

The candidate has to perform at least 2 courses under supervision of a (1) Cave Diving Instructor 3 (Cave Diving Staff Instructor).

## 11 Certification

10.1 Upon successful completion of the training programme the participant shall be awarded with a CMAS Cave Diving Instructor 1 C-card.

10.2 With regard to the allotted competences, this certification level corresponds with the level Cavern Diving Instructor as defined by organisations such as NACD, NSS and CDAA.

**NB:** In the case in which a Cave instructor has a CCR qualification, it is possible to extend the formation of the cave diver to a student that has a CCR Diver qualification.

The Cave course can also be open to a CCR diver if the Cave instructor has a CCR qualification. It is also possible to follow the course with different CCR models.