

Standard 2.D.13 / BOD no 179 (11-22-2012)
CMAS Extended Range Instructor
Basic Requirements

1. Aim of the training programme

1.1 This training programme aims at introducing experienced Instructors to the concepts, principles and instructional techniques for advanced diver education and training, which will enable them to present CMAS Extended Range Diver Training Programmes in a safe and competent manner.

2. Classification

2.1 The CMAS Extended Range Instructor Training Programme is classified as an advanced -level leadership diver training programme.

3. Instructor and Assistant Requirements

3.1 The CMAS Extended Range Instructor Training Programme may be presented by CMAS Extended Range Instructors.

3.2 The CMAS Extended Range Instructor may be assisted by a CMAS Advanced Nitrox Instructor that complies with Clause 2.1.16 of the definitions in Chapter 1.

4. Competencies of a certified CMAS **Extended Range Instructor**

4.1 A CMAS Extended Range Instructor shall be trained such that, when assessed by an examining CMAS Extended Range Instructor, he shall be deemed to have a professional level of knowledge of diving theory, a professional level of knowledge of theoretical, open water teaching and assessing skills, solid rescue skills, dive management and supervision abilities, exemplary diving skills and sufficient diving experience:

4.1.1 To teach, assess and certify participants on all CMAS courses up to and including this level;

4.1.2 To teach, assess and certify participants on their theoretical knowledge, confined and open water skills and other practical skills on all the CMAS Speciality Diver Training Programmes for which he himself has successfully completed the appropriate CMAS Speciality Diver Training Programmes and/or Speciality Instructor Training Programmes which are allowed to be presented by a CMAS Extended Range Instructor in terms of the relevant CMAS Diver Training Standards.

4.2 The parameters within which the CMAS Extended Range Instructor is qualified to dive are those applicable to the other diver training certifications he already holds.

5. Prerequisites for participation in the training programme

5.1 In order to gain access to the CMAS Extended Range Instructor Training Programme, the participant shall:

5.1.1 CMAS Advanced Nitrox Instructor or equivalent;

CMAS International Diver Training Standards and Procedures Manual

- 5.1.2 CMAS Extended Range Diver;
- 5.1.3 Submit proof of at least fifty (50) logged Nitrox dives including 25 Extended Range dives or 25 Trimix dives or a combination of both;
- 5.1.4 Shall undergo a diving medical examination by a registered medical practitioner and cleared as suitable for participation in the sport of recreational SCUBA diving in accordance with procedures laid down by the CMAS Federation prior to participating in any in-water activities; and
- 5.1.5 Sign the appropriate form(s) as required by the CMAS Federation.

6. Requirements for certification

6.1 In order to be certified as a CMAS Extended Range Instructor, the student shall:

- 6.1.1 Comply with all the prerequisites for participation in the training programme as prescribed by Clause 5 of this Standard;
- 6.1.2 Successfully complete the theoretical assessment as provided for in Clause 10.1 of this Standard;
- 6.1.3 Successfully complete the open water assessment as provided for in Clause 10.3 of this Standard;
- 6.1.4 Successfully complete the teaching skills assessment as provided for in Clause 10.4 of this Standard;

7. Required theoretical knowledge and diving skills

7.1 The participant shall receive tuition in the theoretical knowledge and diving skills as required for this level.

8. Theoretical training parameters

8.1 The CMAS Instructor shall conform to the standard theoretical training parameters as prescribed by Clause 4.5 of Chapter 1.

9. Practical training parameters

9.1 The CMAS Instructor shall conform to the standard practical training parameters as prescribed by Clause 4.6 of Chapter 1.

10. Assessment

10.1 **Knowledge**

10.1.1 The student shall demonstrate to the CMAS Extended Range Instructor their in-depth knowledge of Extended Range diving and its associated risks:

10.1.1.1 A professional level of theoretical knowledge of Extended Range diving;

10.1.1.2 A professional level of knowledge of Extended Range diver training;

10.1.1.3 A professional level of knowledge of emergency procedures (first-aid and CPR, oxygen administration, diver rescue and rescue management)

10.2 **Shallow water SCUBA skills**

10.2.1 The participant shall demonstrate to the CMAS Instructor his mastery of his ability to demonstrate the confined water SCUBA skills e.g. buoyancy, trim and kit configuration. Exercises to be carried out in water of 20 metres maximum.

10.3 **Deep water SCUBA skills**

Chapter 2

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10.3.1 The participant shall demonstrate to the CMAS Extended Range Instructor his mastery of the Extended Range diving skills, during one open water assessment dive. The maximum depth for this dive is 50 metres

10.4 **Teaching skills**

10.4.1 The participant shall demonstrate to the CMAS Extended Range Instructor his mastery of the teaching skills, by playing the role of an instructor in a structured series of actual or simulated training sessions (both in the classroom and in the confined and open water environments) which simulate the duties that he will be expected to fulfil once qualified.

10.5 **Emergency procedure skills**

10.5.1 The participant shall demonstrate to the CMAS Extended Range Instructor his mastery of the emergency procedure skills, during one or more simulated rescue exercises.

11. Certification

11.1 Upon successful completion of the training programme the participant shall be awarded with a CMAS Extended Range Instructor C-card.