



## **Oxygen First Aid in Dive Accidents**

### **(10523NAT)**

#### **Course Objective**

To provide participants with training in the recognition of scuba diving illnesses and injuries that may benefit from oxygen first aid, and in techniques for the provision of oxygen to both breathing and non-breathing victims using a DAN Oxygen Unit or similar oxygen delivery system. The program consists of 2 elements of competency: Resuscitation and Oxygen Provider.

#### **Course Content**

You will be trained in oxygen first aid procedures that should enable you to assist an injured or ill diver until medical aid is accessed. Topics include: basic anatomy & physiology, recognition & management of a dive accident, benefits of oxygen provision, hazards & precautions, oxygen equipment and the use of a DAN Oxygen Unit.

#### **Selection Criteria**

The principles of Access & equity will be applied in the selection of students and in the delivery of the training and assessment services. However, participants must have English-speaking skills and reading skills which will be assessed during the enrolment process. They must also have competence in CPR as evidenced by an approved CPR certification and be at least 14 years old.

#### **Assessment**

All assessment will be based on the principles of competency-based training and assessment. You will participate in both theory and practical sessions, which will be followed by a skills assessment using manikins and oxygen equipment and multiple-choice theory knowledge test.

#### **Additional Support**

Where students require additional welfare or counseling support they will be referred to appropriate professional agencies.

#### **Recognition of Prior Learning**

If you hold a current resuscitation award you may be exempted from the Resuscitation element of competency. If you have been trained in resuscitation previously but do not hold a current award, your competency can be assessed during the course and you may be exempted from this module.

#### **National Recognition**

DAN AP recognises relevant AQF qualifications and Statements of Attainment issued by other Registered Training Organisations (RTOs).

#### **Course Delivery**

The nominal duration of the oxygen provider component is 4 hours. The nominal duration of the full course, including resuscitation is eight hours and it may be delivered over one day, or over a few hours over several days.

The delivery and assessment methods used will be tailored to the specific training environment and the needs of the client group.

#### **Enrolment**

To enroll, contact a DAN AP Licensed Instructor in your locality, who will provide you with details of the venue, date and fees for the course. The nominal fee is \$110 but this may vary due to enrolments location and a variety of other factors.

#### **Refund Policy**

Any deposit may be refunded if you fail to attend the program if: 1. You provide a medical certificate providing a reason for non-attendance; or 2. You provide an explanation, deemed reasonable by your Instructor or the DAN AP Training Manager, for the non-attendance at the program. Any approved refund will be made within 3 weeks of application.

#### **Complaints and Appeals**

In the event of a grievance with your Instructor, please contact the DAN AP Training Manager on [training@danap.org](mailto:training@danap.org) or Tel: +61-3-9886 9166; Fax: +61-3-9886 9155.



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## **Course Contents and Requirements**

There are two components to this course: one that deals with resuscitation and the other with administration of oxygen in dive accidents. Practical skills will be assessed during the course and there will be a theory test at the end, for which you need to attain a score of at least 20/25.

The list below indicates the knowledge and skills in which you will need to demonstrate competency before receiving certification.

### **Resuscitation**

#### ***Performance Criteria***

- Identify and minimise physical hazards to own and other's health and safety.
- Provide First Aid management in accordance with established First Aid procedures.
- Assess unresponsive victims for signs of life.
- Seek first aid assistance from others in a timely manner, if required.
- Place the victim correctly in the recovery position with head tilt, jaw support and jaw thrust.
- Apply established cardiopulmonary resuscitation (CPR) techniques for single and two rescuer situations, as required, including indications and the use of a resuscitation mask.
- Manage any contingencies arising during the application of the CPR technique.
- Monitor the condition of the victim.
- Establish the comfort and safety of the victim.

### **Provide oxygen to victims using the DAN oxygen unit**

#### ***Performance Criteria***

- Identify those situations that require the provision of oxygen to an injured person.
- Identify potential hazards in the use of the DAN oxygen unit and apply contingency action.
- Assemble, disassemble and deploy the various components of the DAN oxygen unit, or similar device for specific scenarios.
- Provide oxygen to the victim safely and in the correct manner
- Determine when it is appropriate to use the
  - Demand valve and mask
  - Non-rebreather mask
  - Resuscitation mask
- Monitor the condition of the victim throughout.