



Technical Information

OXYGEN ADMINISTRATION APPARATUS

T.2

The BS-AC recommend the following specification for such apparatus:

- Standard medical oxygen cylinder, size D or E
- Oxygen regulator incorporating a cylinder contents gauge and providing an outlet for at least one demand unit, and an outlet capable of delivering oxygen at a constant flow of 10 litres/minute
- Demand unit, hose and oro-nasal mask
- Pocket mask incorporating an oxygen connection elbow and a suitable hose for the delivery of oxygen at a constant flow of 10 litres/minute

Some demand units incorporate a positive pressure ventilation facility. If incorporated, this should be limited to a flow rate of 40 litres/minute and should also incorporate an overpressure relief valve, which limits the airway overpressure to a maximum of 45cm H₂O. In demand mode, the unit should be able to deliver a maximum demanded flow rate in excess of 100 litres/minute.

There are a number of manufacturers that produce suitable apparatus that meets this specification. Contact your local dive shop that will be able to advise and supply individuals and branches. It must be specified that it is a **sub-aqua unit** required.