

## WHY GET MY TANK TESTED?

Scuba cylinders are extremely strong and designed for the harsh environment they are exposed to. However to provide many years of safe and trouble-free diving, a scuba cylinder must be well maintained and serviced.

Scuba Cylinders in Australia require both a Visual inspection and Hydrostatic test every year, this is normally done at the same time.

Both Aluminum and Steel cylinders are at risk from internal and external corrosion. This can cause several problems, including oxidization which can use up the air in your cylinder and cause you to lose consciousness during a dive. Also corrosion can compromise the cylinders structural integrity which consequently leads to a cylinder failure such as a explosion.

Overfilling your cylinder can lead to stress fractures in the cylinder, especially around the neck near the valve. This can be lead to a disaster.

A dive cylinder has enough explosive potential to lift a fire truck over 18 meters into the air, or alternatively completely destroy the filling station you are using.

Despite the afore mentioned risks, the damage to your body of breathing rust particles (in steel cylinders) or aluminum oxide (in aluminum cylinders) can not be repaired.



A exploded tank



Scuba tanks can explode if not maintained correctly.

To get your cylinder serviced it will cost around \$50 a year, this is a small expense and only takes about 5 days for the tank to be back ready to go again.

This service is offered at the following places:

*Go Dive: 0363316608*

*C H Smith: 0363319044*

*Sea Green Dive: 0419373915*

SEA GREEN DIVE

Mobile: 0419373915

E-mail: [learntodive@bigpond.com](mailto:learntodive@bigpond.com)

WWW: [www.seagreendive.com.au](http://www.seagreendive.com.au)



## HOW TO LOOK AFTER YOUR TANK

It is not difficult or expensive to keep your tank in top condition. By following the points below you can enjoy many years of service from your cylinder.

- Wash your cylinder after every dive; also remove any protective boots and clean beneath them. Boots can trap sand and dirt that can wear away the protective coating on your cylinder.
- Get your cylinder hydrostatically tested and visually inspected every year. These two tasks are normally done at the same time.

To check if your cylinder is in test, check the markings around the neck of the tank, they are usually in the format below:

MONTH		5
TEST STATION ID	EG: for the 5th month of 2006	605
YEAR		06

A cylinder is valid for 12 months after its stamp, if your stamp reads the 5th month of 2006 it is valid until the 5th month of 2007.

- Never over fill your cylinder, its working pressure is stamped in the neck as:

W.P 232 BAR *or similar*

- Never leave your tank completely empty, this can lead to moisture entering the tank and causing corrosion.



Make sure your cylinder is labeled correctly for the gas you are using.



If possible fill your cylinder in water, to keep temperatures down.

- Make sure you get your cylinder valve serviced regularly, it is one of the most neglected pieces of dive gear, even though it is extremely important. A incorrectly operating valve could restrict your breathing during the dive.
- Keep your cylinder away from high temperatures, such as your car boot, or lying on the deck of a boat.
- Protect cylinders from rolling around in transit, if it hits something you can damage the cylinder or the valve.
- Contact your dive club or store for any queries.

SEA GREEN DIVE

Mobile: 0419373915

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WWW: [www.seagreendive.com.au](http://www.seagreendive.com.au)

