



Scuba Cylinder Service

Our scuba cylinder service program starts with a discussion with the customer regarding any problems they may have been experiencing, understanding the number of years they have had the cylinder, how long it has been since servicing and where, when and what type of service was last completed on their scuba cylinder. To initiate the process, the air is safely and completely drained from the cylinder in preparation for a comprehensive visual inspection.

The first step is confirmation that hydrostatic testing has been completed within the previous five (5) years, and a visual every one (1) year. Should the cylinder require hydrostatic testing, we will have this completed by an independent, Government accredited re-certification company.

Upon return, a sequence of 18 step visual inspection protocol is performed on the cylinder and valve, and the results are recorded, indicating whether results are satisfactory or not. These results determine what service steps may be required next. Many cylinders will simply require cleaning and/or servicing of the threads and valve, and replacement of the cylinder o-ring, prior to being refilled.

A competent inspection completed by a qualified inspector will usually reveal whether or not the cylinder is in need of internal cleaning and/or tumbling to remove contaminants such as rust or corrosion. Even with care and diligence, your cylinder may come contaminated by outside sources. It is important that you always have your cylinder filled by a reputable dive centre, and that you NEVER completely drain your cylinder, leaving 400-500 psi in it at all times.

Should a major concern such as cylinder damage, valve or thread damage be encountered, or if there is evidence that your cylinder had been flooded, disassembly may be necessary to determine cause of a potential problem. At this time, an estimate of the cost of repairs will be provided to the Customer prior to any work being completed.

Depending on the condition of the cylinder, it may need internal cleaning which could consist of tumbling to remove rust or contamination, or oxygen cleaning using detergents and/or solvents. The internal surface is flushed using clean water prior to being re-filled. The valve components will be inspected, and if required, replacement will be done at this time, again with the customers consent.

Your Scuba Cylinder is a pressure containing device that is subject to damage if not stored or transported safely. It is in your best interests to bring it in for evaluation should it have been subjected to a fall or blow. At Calgary Scuba, we are committed to your safety and satisfaction in a job well done.



“Life just doesn’t get any wetter than this!”