

Hydrostatic Testing Facility

We can test High Pressure cylinders ranging from 3,000 PSI to 10,000 PSI to meet the DOT standards.

DOT EXEMPTION	BOTTLE CONSTRUCTION	HOW OFTEN TESTED	DOT ALLOTTED HYDROS*	LIFE SPAN
DOT-SP 8162	Fiber Reinforced Plastic (FRP) Full Wrapped Composite (FC)	5 YEARS	2*	15 YEARS
DOT-SP 10019	Fiber Reinforced Plastic (FRP) Full Wrapped Composite (FC)	5 YEARS	2*	15 YEARS
DOT-SP 10915	Fully Wrapped Carbon Fiber Reinforced Aluminum Lined	5 YEARS	2*	15 YEARS
DOT-SP 10945	Fully Wrapped Carbon Fiber Reinforced Aluminum Lined	5 YEARS	2*	15 YEARS
DOT-SP 11194	Fully Wrapped Carbon Fiber Reinforced Aluminum Lined	5 YEARS	2*	15 YEARS
DOT-SP 13583	Fully Wrapped Carbon Fiber Reinforced Aluminum Lined	5 YEARS	5*	30 YEARS
DOT-SP 7235	Fiber Reinforced Plastic (FRP) Hoop Wrapped (HW)	3 YEARS	4*	15 YEARS
DOT-SP 7277	Fiber Reinforced Plastic (FRP) Full Wrapped Composite (FC)	3 YEARS	4*	15 YEARS
DOT-SP 8059	Fiber Reinforced Plastic (FRP) Full Composite	3 YEARS	4*	15 YEARS
DOT-SP 9634	Fiber Reinforced Plastic (FRP)	3 YEARS	4*	15 YEARS
DOT-SP 9716	Fiber Reinforced Plastic (FRP)	3 YEARS	4*	15 YEARS
DOT-SP 9894	Fiber Reinforced Plastic (FRP) Hoop Wrapped (HW)	3 YEARS	4*	15 YEARS
DOT-SP 10147	Fiber Reinforced Plastic (FRP) Full Composite (FC) Aluminum	3 YEARS	4*	15 YEARS
DOT-SP 10664	Fully Wrapped Carbon Fiber Reinforced Aluminum Lined	3 YEARS	4*	15 YEARS
DOT-SP 10905	Fiber Reinforced Plastic (FRP) Full Composite (FC) Aluminum	3 YEARS	4*	15 YEARS
DOT-SP 10970	Fiber Reinforced Plastic (FRP) Full Composite (FC) Aluminum	3 YEARS	4*	15 YEARS
DOT-SP 11005	Fiber Reinforced Plastic (FRP) Full Composite (FC) Aluminum	3 YEARS	4*	15 YEARS
DOT-SP 9421	Steel DOT-3AA Cylinder	5 YEARS	INDEFINITE	INDEFINITE*
DOT-SP 9791	Steel DOT-3AA Cylinder	5 YEARS	INDEFINITE	INDEFINITE*
DOT-SP 9909	Steel DOT-3AA Cylinder	5 YEARS	INDEFINITE	INDEFINITE*
DOT-SP 10869	Steel DOT-3AA Cylinder	5 YEARS	INDEFINITE	INDEFINITE*
3AA Steel	Steel DOT-3AA Cylinder	5 YEARS	INDEFINITE	INDEFINITE*
3AL Aluminum	Aluminum DOT-3AL Cylinder	5 YEARS	INDEFINITE	INDEFINITE*

*MUST PASS HYDRO AND VISUAL INSPECTION REGULARLY. (Can be Hydro'd unless cylinders structural integrity is compromised/damaged due to blunt impact, fire, explosion, accident.) CHART INFORMATION SUBJECT TO CHANGE. For more information about Hydrostatic Testing, please visit our website. See Special Requirement for Composite Cylinders next page.

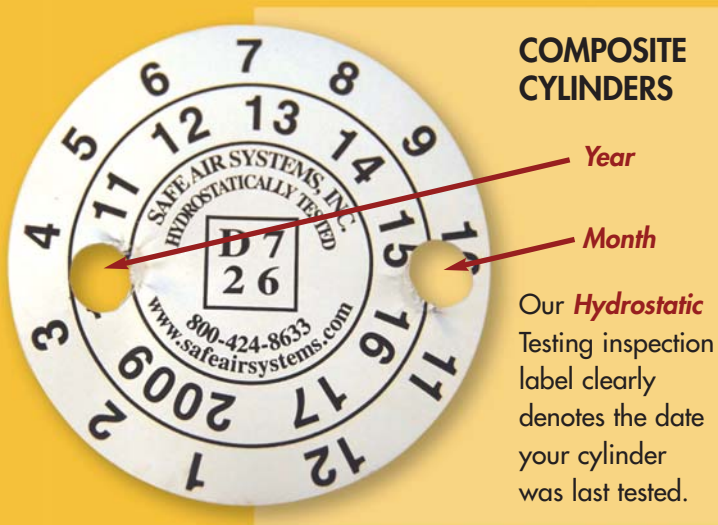
CGA C-6.2 – 2005

1.4 SPECIAL REQUIREMENTS FOR COMPOSITE CYLINDERS

1.4.3 Service Life

Unless otherwise specified within an exemption/special permit, permit, or specification, a cylinder shall be removed from service and condemned at the termination of a 15-year period based on the original manufacturer's test date. This removal from service is required regardless of the latest requalification date as marked on the cylinder. Failure to do so is in direct violation of federal regulations and can increase the risk to public safety.

Hydrostatic Label



Safety Advisor Notices

DOT-E 12695 and/or **DOT-SP 12695** - Do Not Test or Fill
RECALLED Global Composites International, Inc. (GCI)

70 FR 47273 - Aug 12, 2005

SUMMARY: This is to notify the public that PHMSA and the Office of the Inspector General (OIG) are investigating the manufacture, marking, and sale of high pressure DOT exemption cylinders made and/or distributed by Global Composites International, Inc. (GCI), Ontario, CA. PHMSA and the OIG have evidence that suggests GCI manufactured, marked, certified, and sold an undetermined number of high-pressure DOT exemption carbon fiber filament cylinders when the cylinders had not been manufactured in accordance with the Hazardous Materials Regulations (HMR), DOT-E 12695, and the design qualification standards incorporated into the exemption. The evidence suggests that some of these cylinders were not wrapped with a sufficient number of carbon fiber layers to insure their structural integrity. In addition, the evidence suggests that many of these cylinders did not undergo the complete series of safety tests and inspections required by the HMR and may not possess the structural integrity to safely contain its contents under pressure during normal transportation and use. Extensive property damage, serious personal injury, or death could result from rupture of a cylinder.

DOT-E 6688 and/or **DOT-SP 6688** As of November 23, 1992. Exemption & SP is expired and no longer valid for Norris Industries - Aluminum Scuba Tanks: Not authorized for Re-Qualification, to be removed from service.