

SECTION II – HYDROSTATIC REQUIREMENTS

HYDROSTATIC TESTING REQUIREMENTS

Portable fire extinguisher cylinders and certain hose assemblies are subject to various periodic integrity and hydrostatic (proof pressure) testing requirements. Buckeye Fire Equipment extinguishers indicating evidence of corrosion or mechanical damage compromise the integrity of the pressure vessel and should immediately be removed from service. They shall be subjected to the appropriate test procedures or properly disposed of and replaced. Damaged or questionable hose assemblies should be replaced.

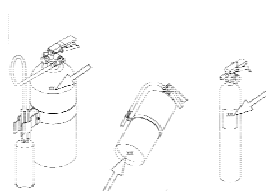
Buckeye Fire Equipment requires the removal of the operating valve from the cylinder for cylinder testing and the removal of all attachments from hose assemblies that require testing. Only qualified individuals recognized and authorized by D.O.T. may retest Buckeye Fire Equipment Carbon Dioxide compressed gas cylinders in accordance with D.O.T. and C.G.A. Requirements/procedures. NFPA-10 provides guidance for testing of non-compressed gas hand portable extinguisher cylinders and hose assemblies.

Warning/Safety Point: *To avoid injury or death, always use a safety cage and never use compressed air or Nitrogen for pressure testing. The use of compressible mediums could cause a violent rupture should the vessel fail.*

Warning/Safety Point: *To avoid injury or death, always ensure all pressure is completely relieved prior to attempting to remove or disassemble the operating valve or hose assembly.*

The diagram listed below identifies the various cylinder date stamp locations and periodic retest intervals/pressures.

BUCKEYE DATE OF MANUFACTURE LOCATIONS



TEST INTERVALS AND PRESSURES

<u>Various Model Sizes/Types</u>	<u>Construction/Material</u>	<u>Periodic Interval</u>	<u>Re-Test Pressure</u>
5,10,15 & 20 lb. Carbon Dioxide	DOT-3AL-1800: Aluminum	5 Years	5/3 Service Pressure
1,2,2.5 & 4 lb. Dry Chemical	UL/ANSI-299: Aluminum	12 Years	300 PSI
2.5 lb. Dry Chemical	UL/ANSI-299: Steel	12 Years	300 PSI
1,2.2 & 2.5 lb. Halon	UL/ANSI-1093: Aluminum	12 Years	300 PSI
5 lb. Halon	UL/ANSI-1093: Steel	12 Years	300 PSI
5,5.5,8,10,20 & 30 lb. Dry Chemical	UL/ANSI-299: Steel	12 Years	585 PSI
9,13,17 & 20 lb. Halon	UL/ANSI-1093: Steel	12 Years	585 PSI
2.5 lb. Halotron I	UL/ANSI-1093: Steel	12 Years	300 PSI
2.5 & 3 lb. Halotron I	UL/ANSI-1093: Aluminum	12 Years	585 PSI
5,6,11,14,18,20 & 24 lb. Halotron I	UL/ANSI-1093: Steel	12 Years	300 PSI
6 L & 2.5 Gal. Wet Chemical	UL/ANSI-8: Stainless Steel	5 Years	200 PSI
30 lb. Wheeled Dry Chem. Hose Assy.	UL/ANSI-92: Rubber	12 Years	300 PSI
2.5 Gal. Water Mist	UL/ANSI-8: Stainless Steel	5 Years	200 PSI
2.5 Gal. Water	UL/ANSI-626: Stainless Steel	5 Years	200 PSI

BUCKEYE FIRE EQUIPMENT COMPANY