

TRIMAX HYDROSTATIC TEST REQUIREMENTS

1. HYDROSTATIC TEST REQUIREMENT : The National Fire Protection Association (NFPA) Standard 10 (Chapter 5) and the Code of Federal Regulations 49 (Chapter 1) establish the hydrostatic test standards for portable and mobile fire extinguishers.
2. PREPARATION FOR TESTING : All valves (including the pressure relief valve which is located on the side of the pre-mix tank of earlier models) and hose assemblies shall be removed and the fire extinguisher emptied before testing. The ECO Extreme and TRI-MAX Arctic foam concentrate should be stored and refilled in the premix tank after the hydrostatic test has been successfully completed.
3. TESTING PROCEDURES: The hydrostatic test shall be done by a certified facility and shall include both an internal and external visual examination of the cylinder along with pressure test utilizing water or another noncompressible fluid as the test medium. Chapter 5-5 of NFPA outlines the specific hydrostatic testing procedures.
4. RECORDING PROCEDURES: A record shall be maintained for each cylinder tested. The testing facilities identification number along with the month and year of the test shall be stamped on each cylinder which passes the test. Hose assemblies that pass do not require any markings.
5. HYDROSTATIC TEST INTERVALS AND TEST PRESSURES: The appropriate hydrostatic test interval and pressures are shown in the attached table. A hydrostatic test must be also be accomplished immediately if there is evidence of cuts through the discharge hose braiding or when there are dents or penetrating scratches on the air cylinders or foam tank.

TRIMAX HYDROSTATIC TEST INFORMATION

<u>SYSTEM</u>	<u>COMPONENT</u>	<u>INTERVAL (Years)</u>	<u>TEST PRESSURE (PSI)</u>
TM3/VDH350	Discharge Hose	5	300
	Foam Tank	5	200
	Air Cylinder	5	5000
TM30/TM4500VDH	Discharge Hose	5	300
	Foam Tank	5	200
	Air Cylinder	5	5500
TM60 / TM120	Discharge Hose	5	300
	Foam Tank	5	260
	Air Cylinder	10	3775
TM 2000 VDH	Discharge Hose	5	300
	Foam Tank	5	260
	Air Cylinder	5	5500
TM230	Discharge Hose	5	300
	Foam Tank	5	200
	Air Cylinder	5	5000
	Dry Chem Tank	12	260
TM Terminator	Discharge Hose	5	300
	Foam Tank	5	260
	Air Cylinder	10	3775
	Dry Chem Tank	12	480
TM 280	Discharge Hose	5	300
	Foam Tank	5	260
	Air Cylinder	10	4000
	Dry Chem Tank	12	325
TM 5100	Discharge Hose	5	300
	Foam Tank	5	260
	Air Cylinder	10	4000
	Dry Chem Tank	12	450
TM 5100 / TM5150	Discharge Hose	5	300
	Foam Tank	5	227
	Air Cylinder	10	4000
	Dry Chem Tank	12	450