FIRE PROTECTION SYSTEMS AND EQUIPMENT INSPECTION SCHEDULE

Inspection Frequency

Equipment to be Inspected	Weekly	Monthly	Quarterly	Semi-annual	Annual	3 year	5 year	6 year	12 year
Fire Extinguisher		Visual inspection, good condition, unobstructed, location identified, check pressure guage, seal/pin intact, inspection tag in place, clean, cover available if needed			Monthly plus annual certification consisting of: check made of mechanical parts, condition of hose, nozzle, and vessel, and "weighting or hefting"	Foam Type - Replace foam	CO2, water, foam extinguishers - hydrostatic testing	Dry chemical extinguishers - From date of recharge - Internal maintenance; visual inside; check valve and O rings; replace chemical if needed	Dry chemical extinguisher - hydrostatic test
Wheeled Extinguisher		Corrosion / abrasion/ damage, check guage, inspect wheels, nozzle, couplings, hose, gaskets		Monthly plus: down tube maintenance, condition of chemical, test regulator					
Sprinkler Systems		Follow all requirements of NFPA No. 25 - Valves, sprinkler wrenches available, guages, alarm valves, leaks, valves in appropriate correct open / closed position, hydraulic	Monthly plus: regulating control valve, fire connections, alarm device, hydraulic name plate; Testing - water flow alarm, control valves	Quarterly plus: spare sprinklers, visible on sprinklers / pipe / hangers, lubricating valves; Testing: full flow test	Quarterly plus: spare sprinklers, visible on sprinklers / pipe / hangers, lubricating valves; Testing: full flow test		Annual inspection plus internal inspection.		
CO2 Systems		Visual check, smoke detectors, and all related hardware, damage of cylinders		Monthly plus: all requirements of NFPA No. 2001 and No. 72 - cylinder leak test, discharge pipe			Hydrotesting the cylinders.		
Halon Systems				All requirements of NFPA No. 2001, No. 72					
FM 200				All requirements of NFPA No. 2001, No. 72					
Hydrants			Blockage, leaks, damage, caps in place, paint & corrosion, grease caps, fillings	Quarterly plus: flowing the water*	Semi-annual plus: all requirements of NFPA No. 25				
Valves / PIV's	Visual, general condition; Valves/ PIV's should be maintained open in a locked position		Visual, general condition, spring torsion tested, stem free movement, good operable condition, open / close sign legible	Quarterly plus: open & close valve fully					
Fire Pumps	Start diesel motors, check all pressures and gauges (record readings)	Weekly plus: check for leaks, damage, corrosion		Monthly plus: flowing the water*	Semi-annual plus: all requirements of NFPA No. 25				
Back Flow Prevention				Corrosion, perform annual requirements of NFPA No. 25					
Foam Carts		Corrosion / abrasion/ damage, check guage, inspect wheels, nozzle, couplings, hose, gaskets			Pressure test fire hose	Replace foam			
Fire Hose Reels/ Racks/ Carts		Visual, general condition, wheels intact, unobstruted, nozzle available			Visual Inspection; Rerack hose		Pressure test hose 5 years from manufactured date, then every 3 years		
Fire Hose (New Wales ERT)					Annual pressure test, inspect general condition				
Fire Truck	Inventory equipment (checklist - fuel, booster tank water level, oil, tires…); fire pump test weekly (functional test)	Equipment inventory (as per checklist)			Fire pump test - full water test				
Smoke Detectors/ Fire Alarms					Functional test, ground fault test, circuit integrity, load test battery (NFPA				
Snuffers				A local guage/transmitter installed at the last block valve supplying the snuffing steam supply back to the DCS with low pressure alarm and a semi-annual PM in Maximo to be sure the transmitter is					

* "Flowing the water" is not a flow test.