

Orange County Fire Authority

Community Risk Reduction

1 Fire Authority Road, Building A, Irvine, CA 92602 www.ocfa.org 714-573-6100

Fixed Extinguishing Systems



Guideline D-02

Serving the Cities of: Aliso Viejo • Buena Park • Cypress • Dana Point • Irvine • Laguna Hills • Laguna Niguel • Laguna Woods • Lake Forest • La Palma • Los Alamitos • Mission Viejo • Placentia • Rancho Santa Margarita • San Clemente • San Juan Capistrano • Santa Ana • Seal Beach • Stanton • Tustin • Villa Park • Westminster • Yorba Linda • and Unincorporated Areas of Orange County

Fixed Extinguishing Systems

PURPOSE

California State law requires that fixed fire protection equipment be maintained and service on a regular basis, in accordance with the requirements contained in NFPA 12, 12A, 13, 14, 17, 17A, 25, 2001, and the California Code of Regulations (CCR) - Title 19, Chapter 5 Service, Testing, and Maintenance. Every automatic fire extinguishing system, including, but not limited to, fire sprinkler systems, engineered and pre-engineered fixed extinguishing systems, standpipe systems, and alarm and supervisory equipment attached to those systems shall be serviced, tested, and maintained in accordance with the regulations and building standards adopted by the State Fire Marshal pursuant to Health and Safety Code Section 13195. This is a two-part program including maintenance and service inspections.

Fixed extinguishing systems reduce the risk of a significant fire event. Crucial to the operation of these systems is regular maintenance performed in accordance with established requirements.

SCOPE

Conformance with this guideline shall be required within the jurisdiction of the Orange County Fire Authority.

REQUIREMENTS


These regulations require that the owner, an employee designated by the owner or a licensed service company *inspect* sprinkler systems quarterly and standpipes semi-annually. A license shall not be required to perform inspections. Inspections may be conducted by any person designated by the building owner or occupant who has developed competence through training and experience. Written records of each *inspection* must be maintained for five years and must be available for review by Fire Prevention Specialists or Firefighters. These inspection records shall be maintained in a notebook attached to the system riser (or reasonable equivalent location) to assure that inspection forms are available to the Fire Authority. Owners are required to make immediate corrections of any deficiencies noted during the maintenance inspections.

SERVICE

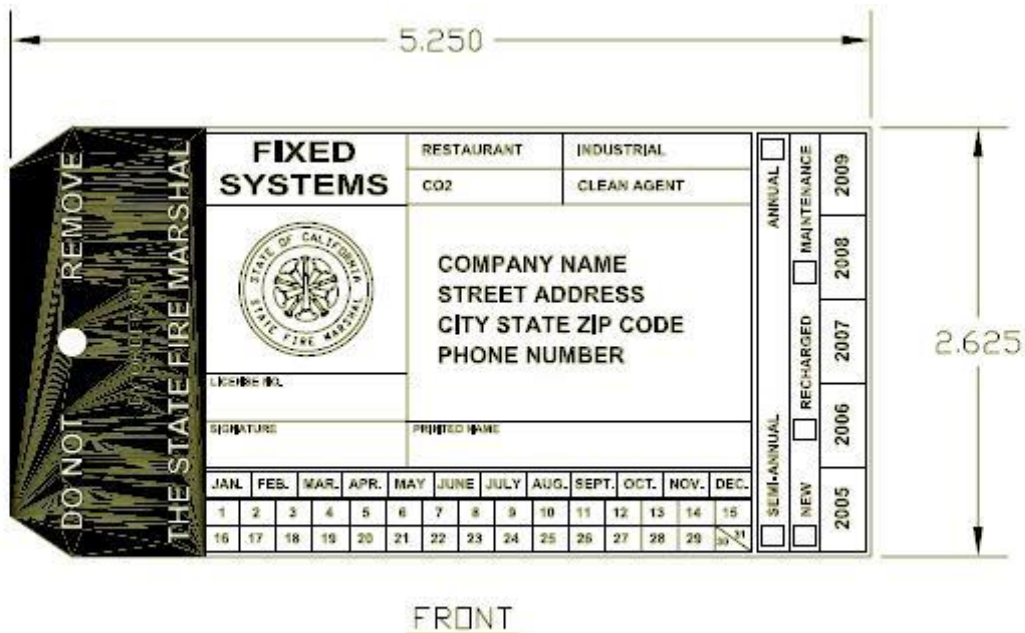
Fixed extinguishing systems shall be serviced by a C-16 Fire Protection Contractor (Licensed by the California State Contractors Licensing Board) or by a State Fire Marshal licensed company. Three types of licenses are issued to perform the servicing: Type 1 for Fire Sprinkler Systems, Type 2 for Engineered and Pre-engineered Fixed Extinguishing Systems, and Type 3 for Standpipe Systems. These types of licenses are indicated on the service tag for verification. Sprinklers and standpipes must be serviced every five years. Other fixed extinguishing systems must be serviced every six months and immediately after a system activation.


Owners are required to make an immediate correction of any deficiency noted during the inspection and to maintain a record of the inspection for five years.

Labels shall be used on water based fire protection systems.

DO NOT REMOVE BY ORDER OF THE STATE FIRE MARSHAL																																						
 LICENSE # _____ <input type="checkbox"/> 5 YEAR <input type="checkbox"/> 3 YEAR <input type="checkbox"/> ANNUAL	OWNER IS RESPONSIBLE FOR MAINTAINING RECORDS										SPRINKLER																											
	X _____ SIGNATURE Company Name Address Phone Number Will Print Here										STANDPIPE																											
	X _____ PRINT NAME										FIRE PUMP																											
											WATER TANK																											
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Tags shall be used on engineered and pre-engineered fixed extinguishing systems.



DO NOT REMOVE BY ORDER OF THE STATE FIRE MARSHAL																																																								
FIXED SYSTEMS		RESTAURANT	INDUSTRIAL																																																					
		CO2	CLEAN AGENT																																																					
		COMPANY NAME STREET ADDRESS CITY STATE ZIP CODE PHONE NUMBER																																																						
LICENSE # _____																																																								
SIGNATURE _____		PRINTED NAME _____																																																						
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<input type="checkbox"/> SEMI-ANNUAL <input type="checkbox"/> NEW <input type="checkbox"/> RECHARGED		<input type="checkbox"/> ANNUAL <input type="checkbox"/> MAINTENANCE		2005 2006 2007 2008 2009																																																				

FRONT

Forms -The following forms are in the format developed by the Office of the State Fire Marshal to record the results of all inspections, tests, and maintenance of water-based fire protection systems.

It is the responsibility of the contractor, company, or licensee to provide a written report of the test and maintenance results to the building owner and the local fire authority having jurisdiction at the completion of the testing and maintenance.

- (1) Inspection, Testing, Maintenance Cover Sheet (AES 1 dated 9/3/13)
- (2) Sprinklers Systems (AES 2 dated 9/3/13)
- (3) Standpipe and Hose Systems (AES 3 dated 9/3/13)
- (4) Private Fire Service Mains (AES 4 dated 9/3/13)
- (5) Fire Pumps (AES 5.2 dated 9/3/13)
- (6) Water Storage Tanks (AES 6 dated 9/3/13)
- (7) Water Spray Fixed Systems (AES 7 dated 9/3/13)
- (8) Foam-Water Sprinkler Systems (AES 8 dated 9/3/13)
- (9) Continuation Sheet (AES 9 dated 9/3/13)
- (10) Limited License Tool Checklist (AES 11 dated 8/19/09)
- (11) Local Fire Authority Endorsement (AES 12 dated 8/19/09)

The forms can be found at; http://osfm.fire.ca.gov/strucfireengineer/strucfireengineer_aes.php