**Fire Extinguisher/ Fixed Extinguishing Program**

**PURPOSE – 1910 Subpart L.**

This is a written Fire Extinguisher/Fixed Extinguishing Program for Master Electrical Services Corporation that follows the Fire Protection 1910 Subpart L.

**SCOPE - 1910.155**

The program assigns responsibilities and explains how we ensure employees understand the fire extinguishing procedures in our workplace. This program reviews all portable and fixed fire suppression equipment, fire detection systems, and fire or employee alarm systems installed to meet the fire protection requirements of 29 CFR Part 1910, and employee training. This program includes the following:

**A. Program Administration**

**B. Program Specific Elements**

1. **General**
2. **Portable Fire Extinguishers**
3. **Automatic Sprinkler Systems**
4. **Fixed Extinguishing Systems**
5. **Fire Detection Systems**
6. **Employee Alarm System**

**C. Information and Training**

**D. Program Evaluation and Updates**

**Attachment(s)**

**A. PROGRAM ADMINSTRATION AND RESPONSIBILITIES**

At Masters Electrical Services Corporation, the President / Vice President coordinates this Fire Extinguisher/Fixed Extinguishing Program. The President / Vice President ensures that portable and fixed fire suppression equipment, fire detection systems, and fire or employee alarm systems are accessible, inspected, and functioning, as well as ensuring that employees receive applicable training.

The President / Vice President coordinates the program and may assign program duties to proper personnel. The following personnel have specific responsibilities for administering aspects of this program:

List responsible parties and program specific responsibilities here.

**B.**  **PROGRAM SPECIFIC ELEMENTS**

1. **General – 1910.155 Attachment A**

Fire Extinguisher/Fixed Extinguishing systems consist of portable fire extinguishers, automatic sprinkler system, fixed extinguishing systems, fire detection system and fire or employee alarm systems. The Fire Extinguisher/Fixed Extinguishing systems in this program are maintained, inspected, and tested in accordance with Fire Protection 1910 Subpart L and the Authority Having Jurisdiction (AHJ) as well as applicable NFPA standards as described in Attachment A.

1. **Portable Fire Extinguishers -** [**1910.1**](https://www.osha.gov/laws-regs/interlinking/standards/1910.1200(e)(1)(ii))**57**

The President / Vice President coordinates all placement, use, maintenance, inspection, and testing of portable fire extinguishers. The President / Vice President also ensures the following:

1. Portable fire extinguishers are mounted and accessible for employees to use when employers make them available for beginning stage fires.
2. Portable fire extinguishers are the correct type for the hazard and area selected.

**Procedure/Maintenance**

All portable fire extinguishers are maintained, inspected, and tested in accordance with OSHA 1910.157 and the AHJ as well as applicable NFPA standards (Attachment A) and are approved by a nationally recognized testing laboratory.

At Masters Electrical Services Corporation the common type of fire extinguishers available and any irregular types in areas due to hazards and or operation are as follows:

Insert common and irregular type of fire extinguishers here

All portable fire extinguishers remain in an operable condition at all times except during repairs or maintenance.

The President / Vice President coordinates a monthly inspection of portable fire extinguishers and maintains a written record of the inspection. The inspection verifies each portable fire extinguisher:

1. Is visually inspected per manufacture specifications.
2. Is in its proper location.
3. Is in adequate operable condition.
4. Has a pressure gage within operable range (if so equipped).
5. Has an unobstructed nozzle.
6. Has an adequate amount of agent.
7. Is easily accessible.
8. **Automatic Sprinkler Systems – 1910.159**

The President / Vice President maintains all records including use, inspection, maintenance, and testing of automatic sprinkler systems. The President / Vice President also ensures the following:

**Procedure/Maintenance**

All automatic sprinkler systems are maintained, inspected, and tested in accordance with OSHA 1910.159 and the AHJ as well as applicable NFPA standards (Attachment A) and are approved by a nationally recognized testing laboratory. During service, maintenance, or repair; The President / Vice President is responsible for notifying Masters Electrical Services Corporation and AHJ.

At Masters Electrical Services Corporation the common type of automatic sprinkler systems available and any irregular types in areas due to hazards and or operation are as follows:

Insertautomatic sprinkler systems here

All automatic sprinklers remain in an operable condition at all times except during repairs or maintenance.

The President / Vice President coordinates all outside inspection and testing of the automatic sprinkler system.

The President / Vice President coordinates a monthly inspection of automatic sprinkler systems and maintains a written record of the inspection. The inspection of each sprinkler system consists of:

1. Identification of leaks.
2. Identification of mechanical damage.
3. Identification of clearance restrictions.
4. **Fixed Extinguishing Systems – 1910.160 through 1910.163**

The President / Vice President maintains all records including use, inspection, maintenance, and testing of fixed extinguishing systems. Fixed extinguishing systems includes all dry chemical, gaseous agents, water, and spray foam systems. The President / Vice President also ensures the following:

1. All systems are designed and approved for use on the specific hazards which are to be controlled and extinguished and meet the requirements of the AHJ.
2. Masters Electrical Services Corporation provides a distinctive alarm or signaling system which complies with OSHA 1910.165, Employee Alarm Systems and is capable of being perceived above ambient noise or light levels, on all extinguishing systems in those portions of the workplace covered by the extinguishing system to indicate when the extinguishing system is discharging.
3. Master Electrical Services Corporation posts hazard warning or caution signs at the entrance to, and inside of, areas protected by fixed extinguishing systems where total flooding may be used in case of a fire and could cause concentrations of any contaminate known to be hazardous to employee safety and health.
4. Masters Electrical Services Corporation assures that at least one manual station is provided for discharge activation of each fixed extinguishing system.

**Procedure/Maintenance**

All fixed extinguishing systems are maintained, inspected, and tested in accordance with OSHA 1910.160 through 1910.163 and the AHJ as well as applicable NFPA standards (Attachment A) and are approved by a nationally recognized testing laboratory. During service, maintenance, or repair; The President / Vice President is responsible for notifying Masters Electrical Services Corporation and AHJ.

At Masters Electrical Services Corporation the common type of fixed extinguishing systems available and any irregular types in areas due to hazards and or operation are as follows:

Insertfixed extinguishing systems here

All fixed extinguishing systems always remain in an operable condition except during repairs or maintenance.

The President / Vice President coordinates all outside inspection and testing of the fixed extinguishing system.

The President / Vice President conducts a monthly inspection of fixed extinguishing systems and maintains a written record of the inspection. The inspection visually inspects each fixed extinguishing system as follows:

1. Remains in proper location.
2. Is in adequate operable condition.
3. Has a pressure gage within operable range (if so equipped).
4. Is unobstructed.
5. Has an adequate amount of agent.
6. Manual pull stations are accessible.
7. **Fire Detection Systems -** [**1910.164**](https://www.osha.gov/laws-regs/interlinking/standards/1910.1200(e)(1)(ii))

The President / Vice President maintains all records including use, inspection, maintenance, and testing of fire detection systems. The President / Vice President also ensures the following:

1. Fire detection systems are accessible for employees to use.
2. Fire detection systems are the correct type for the area selected.

**Procedure/Maintenance**

All fire detection systems are maintained, inspected, and tested in accordance with OSHA 1910.164 and the AHJ as well as applicable NFPA standards (Attachment A) and are approved by a nationally recognized testing laboratory. During service, maintenance, or repair; The President / Vice President is responsible for notifying Masters Electrical Services Corporation and AHJ.

At Masters Electrical Services Corporation the common type of fire detection systems available and any irregular types in areas due to hazards and or operation are as follows:

Insertfire detection systems here

All fire detection systems remain in an operable condition at all times except during repairs or maintenance.

The President / Vice President coordinates all outside inspection and testing of the fire detection system.

1. **Employee Alarm Systems – 1910.165**

The President / Vice President maintains all records including use, inspection, maintenance, and testing of employee alarm systems. The President / Vice President also ensures the following:

1. Training is used to educate employees with the general principles of Masters Electrical Services Corporation employee alarm systems.
2. This training is upon initial employment, annually thereafter, and upon job relocation.

**Procedure/Maintenance**

All employee alarm systems are maintained, inspected, and tested in accordance with OSHA 1910.165 and the AHJ as well as applicable NFPA standards (Attachment A) and are approved by a nationally recognized testing laboratory. During service, maintenance, or repair; The President / Vice President is responsible for notifying Masters Electrical Services Corporation and AHJ.

At Masters Electrical Services Corporation the common type of employee alarm systems available and any irregular types in areas due to hazards and or operation are as follows:

Insertemployee alarm systems here

All employee alarm systems remain in an operable condition at all times except during repairs or maintenance. During repairs or maintenance, Masters Electrical Services Corporation back up alarm system(s) are:

Insert back up alarm system here

The President / Vice President coordinates all outside inspection and testing of the employee alarm system.

The President / Vice President coordinates testing of employee alarm systems and maintains a written record of the testing. Testing includes:

1. Non-Supervised employee alarm systems will be tested every two months. 1910.165(d)(2)

Masters Electrical Services Corporation non-supervised employee alarm systems are:

1. Insert non-supervised employee alarm systems here
2. Supervised employee alarm systems will be tested annually. 1910.165(d)(4)

Masters Electrical Services Corporation supervised employee alarm systems are:

**C.** **INFORMATION AND TRAINING Attachment B**

**Required Fire Extinguisher and fire systems training requirements**

The President / Vice President is designated by Masters Electrical Corporation to conduct training and maintains all records of the following training:

* 1. Portable Fire Extinguishers 1910.157(g)(1)
     1. Masters Electrical Services Corporation provides an educational program for all employees on the general principles of fire extinguisher use and the hazards involved with beginning stage, fires.
  2. Fixed Extinguishing Systems 1910.160(b)(10)
     1. Masters Electrical Services Corporation trains designated employees to maintain, inspect, operate, or repair fixed extinguishing systems.
     2. Annual review of this training is conducted to ensure all functions are up to date.
  3. Employee Alarm Systems 1910.165(b)(4)
     1. Masters Electrical Services Corporation trains all employees on the preferred means of reporting emergencies.
  4. All training is conducted upon initial hire as well as annual refresher and

documented on (Attachment B).

**D.**  **PROGRAM EVALUATION AND UPDATES**

We conduct annual reviews of the written Fire Extinguisher/Fixed Extinguishing Systems Program for compliance with federal regulations and our internal requirements to assure quality and effectiveness. This review includes:

1. Changes occur to the OSHA Fire Extinguisher / Fixed Extinguisher Systems

Standard

1. Changes from the AHJ.
2. Facility operational changes occur.

**ATTACHMENTS**

Attachment A – NFPA Standards Document

Attachment B – Training Sign-In Sheet

Additional Resources