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## EXTINGUISHER MAINTENANCE SOG

### Introduction

This standard operating guideline (SOG) outlines a department's responsibility in regards to fire extinguisher inspections.

### SCOPE

This guideline shall apply to all members of the Stoney Point Fire Department (SPFD) and shall be adhered to by all members responsible for conducting fire extinguisher maintenance.

### DEFINITIONS

**INSPECTION:** A "quick check" that an extinguisher is available and will operate. It is intended to give reasonable assurance that the extinguisher is fully charged and operational. An officer of the department should perform this check.

**MAINTENANCE:** A thorough examination of the extinguisher. It is intended to give maximum assurance that an extinguisher will operate effectively and safely. It includes a thorough examination and necessary repair or replacement. It will normally reveal if hydrostatic testing is required, usually performed by Extinguisher Service Agencies.

**RECHARGING:** the replacement of the extinguishing agent.

**SHALL** - Indicates a mandatory requirement.

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### **Responsibilities**

This section outlines the responsibilities within the fire department for the implementation of fire extinguisher inspections procedures.

The Department Day Shift Captain or his Delegates shall conduct monthly inspections of all fire extinguishers in the department.

Monthly log and check list can be found in shift supervisor's log book.

The monthly check is intended to give a reasonable assurance that the fire extinguisher is fully charged and functional.

If the extinguisher appears to require maintenance make sure that a maintenance report is properly filled out for identified extinguisher.

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### **Monthly Fire Extinguisher Inspection Procedure**

- Ensure access to extinguishers is not blocked and a clear path to the extinguishers is being maintained.
- The pressure should be within the recommended level on extinguishers equipped with a gauge. The needle should be in the green zone. If the needle is not in green zone, the extinguisher requires professional maintenance and recharge.
- Verify the locking pins are intact and the tamper seals are not broken.
- Visually inspect the hoses and nozzles to ensure they are in good condition and show no signs of cracking or dry rot.
- Visually inspect the extinguishers for dents, leaks, rust, chemical deposits or other signs of abuse/wear. If an extinguisher is damaged record findings on maintenance form.
- Turn over extinguisher and hit it with rubber mallet to ensure that there is no powder clumped at the bottom of the extinguisher.
- Check the inspection tags for previous and required inspections. Date and sign the cards to record your inspections. If a card is full, a new card can be requested.



- Make sure that any short comings or faults with any fire extinguisher is properly noted and written up on a maintenance report for it to be corrected.
- Check hydrostatic test date.
  - Water filled - 5 years
  - CO2 charged - 5 years
  - Foam filled - 5 years
  - Dry Chemical - 12 years

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