

PM000036

Revision 2

FIRE EXTINGUISHERS AND EXTINGUISHING SYSTEMS MONTHLY INSPECTION

Maintenance Procedure
Information Only
[FP02]

APPROVED FOR USE

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1.0 INTRODUCTION

This procedure provides work steps to safely perform **MONTHLY** inspections of fire extinguishers and fire extinguishing systems.

This procedure provides the monthly NFPA inspection requirements for fire extinguishers and fire extinguishing systems.

Specifically, this work will accomplish the following:

- PORTABLE FIRE EXTINGUISHERS
- DRY CHEMICAL EXTINGUISHING SYSTEMS
- WET CHEMICAL EXTINGUISHING SYSTEM

Inspection of the portable fire extinguishers satisfies the requirement of Table-D of the WIPP Hazardous Waste Facility Permit (HWFP) and generates the following records

- ATTACHMENT 1
- Bar Code Printout

2.0 REFERENCES

BASELINE (DEVELOPMENTAL)

29 CFR 1910	Subpart L, Fire Protection
30 CFR 57	Subpart C, Fire Protection and Control
Fire Extinguisher	Manufacturer's Operation and Maintenance Manuals
FM Data Sheet 4-5	Portable Extinguishers
NFPA 10	Standard for Portable Fire Extinguishers
NFPA 17	Standard for Dry Chemical Extinguishing Systems
NFPA 17A	Standard for Wet Chemical Extinguishing Systems
NM 4890139088	WIPP Hazardous Waste Facility Permit, TSDF, New Mexico Environment Department
WP 04-AD3016	Equipment Inactivation
WP 10-2	MOIM
WP 10-WC3010	Maintenance PM/MWI Controlled Document Processing
WP 10-WC3011	Maintenance Process
WP 12-FP.01	Fire Protection Program
WP 12 IS.01	Industrial Safety Program
WP 13-1	Quality Assurance Program Description

REFERENCED (REQUIRED ON-HAND)

- Bar Code Printout
- Bar Code Deficiency list

3.0 MATERIAL LIST

None

4.0 EQUIPMENT LIST**SPECIAL EQUIPMENT**

ITEM	DESCRIPTION
1	Handheld Bar Code Reader

5.0 PRECAUTIONS

None

6.0 LIMITATIONS 6.1. HOLD AND WITNESS POINTS

None

 6.2. TAGOUT/LOCKOUT

None

 6.3. OTHER LIMITATIONS

- All work steps should be performed for appropriate Extinguishing System.
- All personnel performing inspection by this procedure shall provide the information listed in the Personnel Data Table.
- Underground Fuel Station monthly inspection will be performed per PM000027.

7.0 PREREQUISITES 7.1. ADMINISTRATIVE

- 7.1.1. Personnel performing this work review these work instructions and appropriate sections of the references listed in the REFERENCED (REQUIRED ON HAND) section.

- 7.1.2. Record work order number on Attachments.

8.0 PERFORMANCE

[] 8.1. PORTABLE FIRE EXTINGUISHER

[] 8.1.1. Inspect portable Fire Extinguisher for the following:

- Located in designed place
- No obstruction to access or visibility
- Operating instructions are legible and facing outward
- Annual Inspection Tag is in place
- Safety seals and tamper indicators are not broken or missing
- Pull pin is in place
- Fullness determined by weighing or “hefting”
- No obvious physical damage, corrosion or leakage
- Nozzle not clogged
- Hose is in good condition
- Pressure gauge reading or indicator, if provided, in the operable range or position
- Properly mounted
- Tires, wheels, and carriage in good condition (wheeled units)
- Current 6 year maintenance **OR** 12 year hydro test label in place

[] 8.1.2. Record Extinguisher Bar Code and any deficiencies using Bar Code Deficiency list with Bar Code Reader.

[] 8.1.3. **IF** there are deficiencies, **THEN** correct and record extinguisher Bar Code **OR** replace with extinguisher of equal rating.

[] 8.2. DRY CHEMICAL EXTINGUISHING SYSTEMS

[] 8.2.1. Inspect Mobile Equipment Extinguishing system for the following:

- The extinguishing system in proper location
- The manual actuators are unobstructed
- The tamper indicators and seals are intact
- The annual inspection tag is in place
- Pressure gauge reading or indicator, if provided, in the operable range or position
- The system shows no obvious physical damage, corrosion or leakage
- The nozzle blow caps, where provided and accessible, are intact and undamaged
- Neither the protected equipment nor the hazard has been replaced, modified, or relocated

[] 8.2.2. Record Extinguisher Bar Code and any deficiencies using Bar Code Deficiency list with Bar Code Reader.

- 8.2.3. **IF** there are deficiencies,
THEN correct deficiencies and record extinguisher Bar Code.
- 8.2.4. **IF** unable to correct deficiency
THEN notify equipment owner.
- 8.3. WET CHEMICAL EXTINGUISHING SYSTEM
- 8.3.1. Inspect the Kitchen Extinguishing system for the following:
- Proper location
 - Manual actuators are unobstructed
 - Seals are not broken or missing
 - Annual Inspection Tag is in place
 - No obvious physical damage, corrosion or leakage
 - Nozzle blow caps are intact and undamaged
 - The hood, duct, and protected cooking appliances have not been replaced, modified or relocated
- 8.3.2. Record Extinguisher Bar Code and any deficiencies using Bar Code Deficiency List with Bar Code Reader
- 8.3.2.1. **IF** there are deficiencies,
THEN correct deficiencies and record extinguisher bar code.
- 8.3.2.2. **IF** unable to correct deficiency
THEN notify Facility Operations.
- 8.4. TASK VERIFICATION
- 8.4.1. **IF** equipment failed inspection, and is repaired or replaced,
THEN re-inspect equipment.
- 8.5. RESTORATION TO OPERATIONAL STATUS
None required

ATTACHMENT 1

Comments:

PERSONNEL DATA

PRINTED NAME	SIGNATURE	INITIALS	DATE