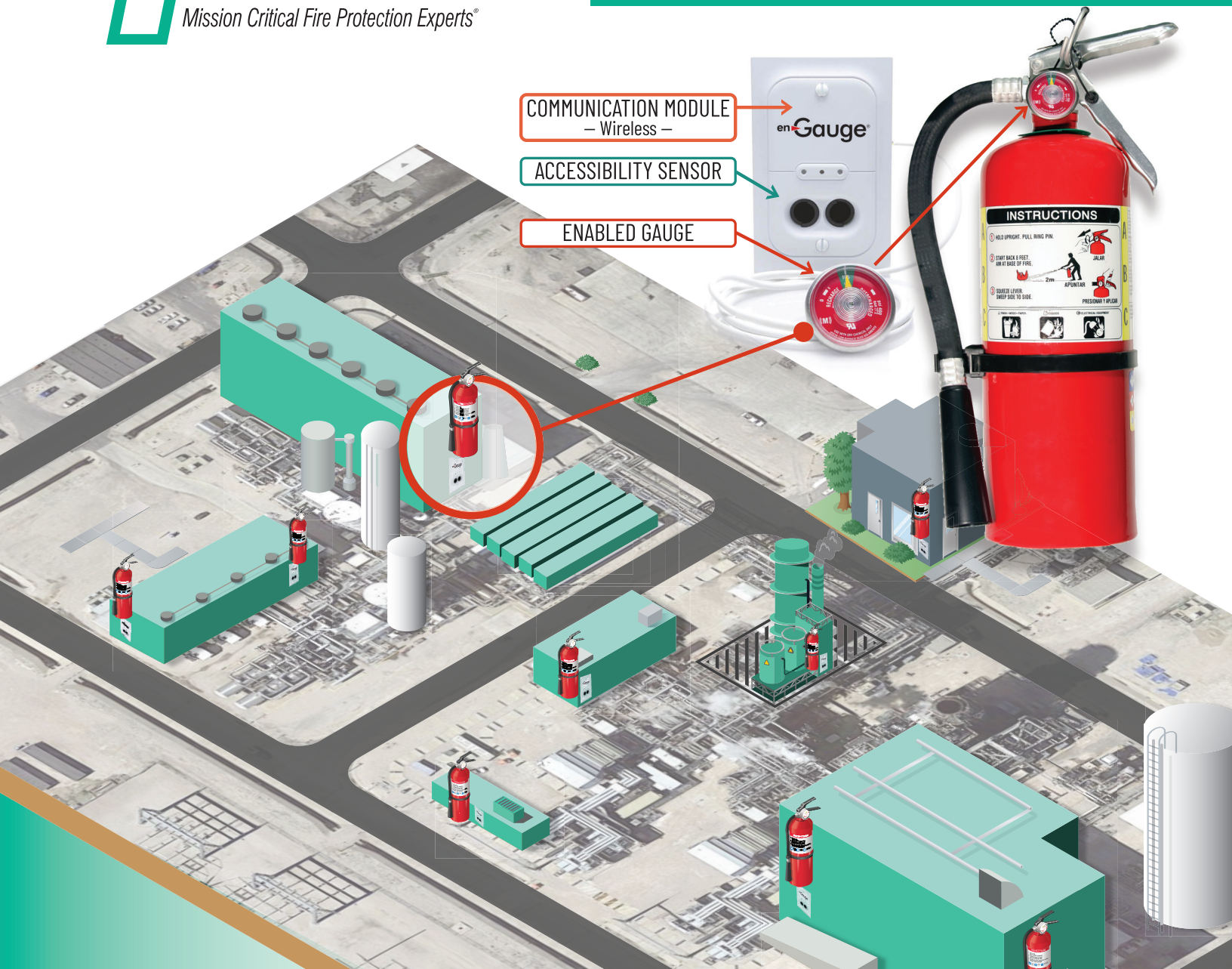


# POWER GENERATION

## Monitored Fire Extinguisher Technology



**UL Listed electronic monitoring is recognized by the National Fire Protection Association (NFPA 10 Standard for Portable Fire Extinguishers 2007 Edition and NFPA 72<sup>®</sup> National Fire Alarm Code<sup>®</sup> 2007 Edition) as an alternative to the required manual 31-day inspection.**

### NFPA 10.7.1.1 RESPONSIBILITY

The owner or designated agent or occupant of a property in which fire extinguishers are located shall be responsible for inspection, maintenance, and recharging.  
(See 7.1.2.) 7.2.1 Inspection Frequency.

### NFPA 7.2.1.2\* INSPECTIONS

Fire extinguishers and Class D extinguishing agents shall be inspected either manually or by means of an electronic monitoring device/system at intervals not exceeding 31 days.

### IFC - INTERNAL FIRE CODE



Thirty-day inspections shall not be required and maintenance shall be allowed to be once every three years for dry-chemical or halogenated agent portable fire extinguishers that are supervised by a listed and approved electronic monitoring device, provided that all of the conditions are met.

# Monitored Wireless Fire Extinguisher Technology

## Features:

### Fire Safety & Code Compliance

Fire extinguishers installed per ICC Section 906 must adhere to NFPA 10 and be physically inspected and documented on a 31 day basis, unless they are electronically monitored.



### Reduce Extinguisher Tampering, Theft, and Vandalism

Reduces the threat of tampering and vandalism by sending a signal the moment an extinguisher is removed from its location.

### Reduce Liability and Maintenance Costs

Lower risk and liabilities from fire. en-Gauge® provides around the clock, automatic monitoring of fire extinguishers and fire suppression systems, providing solutions in a range of applications.

- **Signals & logs in database when the extinguisher:**
  - is removed from its designated location.
  - loses internal pressure.
  - is continuously obstructed.
  - monitoring device loses normal operational power.
- **Code recognized to eliminate 31-day physical inspections**
- **Local visual and audible indication**
- **Powered by either battery (two 3V Lithium) or External (12-24VDC)**
- **Used with all types, sizes, and makes of portable fire extinguishers**

## FUNCTIONAL TESTING

### Code Requirements

#### MONTHLY

- **Portable Fire Extinguishers** ..... NFPA 10  
Fire extinguishers and Class D extinguishing agents shall be inspected either manually or by means of an electronic monitoring device/system at intervals not exceeding 31 days.

#### ANNUALLY

- **Portable Fire Extinguishers** ..... NFPA 10  
Maintenance: Conductivity test of all carbon dioxide hose assemblies • Pressure regulators on wheeled units • Uncoil and inspect hoses on wheeled units. Empty and recharge all stored-pressure loaded-stream fire extinguishers

#### 3 YEAR CYCLE

- **Portable Fire Extinguishers** ..... NFPA 10  
Replace liquid charge-type AFFF and FFFF extinguishers — Perform internal examination at that time

#### 5 YEAR CYCLE

- **Portable Fire Extinguishers** ..... NFPA 10  
Internal inspection and hydrostatic test of stored-pressure water, water mist, and loaded stream extinguishers  
Internal inspection and hydrostatic test of wetting agent, AFFF, FFFF, dry chemical (stainless steel shells), carbon dioxide, and wet chemical extinguishers  
Hydrostatic test of pressure cartridges associated with portable extinguishers and wheeled units  
Hydrostatic testing of carbon dioxide hoses equipped with a shut-off valve

#### 6 YEAR CYCLE

- **Portable Fire Extinguishers** ..... NFPA 10  
Perform internal investigation on stored-pressure extinguishers which require a 12-year hydrostatic test

#### 12 YEAR CYCLE

- **Portable Fire Extinguishers** ..... NFPA 10  
Hydrostatic test of cartridge-operated dry chemical and dry powder extinguishers with mild steel shells  
Hydrostatic test of halogenated (clean agent) extinguishers

**POWER GENERATION | 800.347.9677**  
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