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# Fire Extinguisher Technical Specification

## 1. Document Overview

- **Document Title:** Fire Extinguisher Technical Specification
- **Version:** [Version Number]
- **Date:** [Creation/Last Update Date]
- **Prepared by:** [Author/Team Name]
- **Approved by:** [Approver Name/Team Name]

## 2. Purpose

- To outline the technical specifications for fire extinguishers to be procured and installed.

## 3. Scope

- Specifies types, capacities, and performance requirements for fire extinguishers.
- Defines excluded items like installation services or refills.

## 4. Technical Requirements

- **Type:** Water, CO2, foam, powder, or wet chemical.
- **Capacity:** [X kg or liters].
- **Rating:** Must comply with [EN3/UL/FM or other standards].
- **Pressure:** Operating pressure of [X bar].

## 5. Material and Construction

- **Cylinder Material:** Steel/Aluminum.
- **Valve Type:** Brass/Steel with safety pin.
- **Coating:** Anti-corrosion coating (inside and outside).

## 6. Performance Requirements

- **Discharge Duration:** [X seconds minimum].
- **Range:** Effective up to [X meters].

- **Temperature Range:** Operable from [min temp] to [max temp].

## 7. Marking and Documentation

- **Labeling:** Must include type, capacity, instructions, and safety certifications.
- **User Manual:** Detailed instructions for use, maintenance, and refilling.

## 8. Testing and Compliance

- Must pass [hydrostatic, pressure, or fire tests].
- Comply with [local fire codes or international standards].