TITLE: SMOKE ALARM

VERSION: V1.3

DATE PUBLISHED: 7/31/20

DEFINITION: A self-contained device that detects the presence of smoke, typically as an indicator of fire, and provides a visual and/or audio signal as an alert.

PURPOSE: To detect presence of smoke and provide alert.

NAME VARIANTS: Smoke detector

COMMON MATERIALS: Plastic

COMMON COMPONENTS: Plastic shell, Base, Battery, Light, Speaker, Test button, Electronic circuit;

LOCATION: ☒ Unit Bedrooms, hallways, kitchens, stairwells
        ☒ Inside Hallways, kitchens, stairwells, common areas
        ☐ Outside None

MORE INFORMATION: - Smoke alarm should be installed high on walls or ceilings.
                  - If mounted on ceiling, then must be greater than 4 inches from the wall.
                  - If mounted on the wall, then it cannot be closer than 4 inches or greater than 12 inches from the ceiling.
                  - Smoke alarm should be installed at least 10 feet from a cooking appliance.
                  - Smoke alarm should not:
                      - Be installed near windows, doors, or ducts where drafts might interfere with their operation.
                      - Be painted or have stickers or other decorations present.

DECIENCY 1: Smoke alarm not installed in each bedroom or on each level
LOCATION: ☒ Unit ☒ Inside

DECIENCY 2: Smoke alarm does not produce audio or visual alarm when tested
LOCATION: ☒ Unit ☒ Inside
Deficiency I — Unit: Smoke alarm not installed in each bedroom or on each level

Deficiency Criteria: Smoke alarm not installed in each bedroom or on each level.

Health and Safety Determination: Life-Threatening
Correction Timeframe: 24 hours
HCV — Correction Timeframe: 24 hours

If primary smoke alarm is present, then additional smoke alarms are a 30-day correction.

Rationale:

<table>
<thead>
<tr>
<th>Code</th>
<th>Category</th>
<th>Type</th>
<th>Description</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>R1</td>
<td>Health</td>
<td>Direct</td>
<td>Condition could affect resident’s mental, or physical, or psychological state.</td>
<td>If smoke alarm is missing or not properly installed, and there is a fire emergency, then resident may not receive warning of fire or hazard.</td>
</tr>
<tr>
<td>R2</td>
<td>Safety</td>
<td>Direct</td>
<td>Resident could be injured because of this condition.</td>
<td>If smoke alarm is missing or not properly installed, and there is a fire emergency, then resident may not receive warning of fire or hazard.</td>
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<td>M3</td>
<td>Preventative Maintenance</td>
<td>Direct</td>
<td>This defect indicates that a property is not following preventative maintenance practices for the item or equipment.</td>
<td>If smoke alarm is missing or not properly installed, then it may indicate that preventative maintenance activities are not being addressed.</td>
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Inspection Process:

Observation: - Observe each location where smoke alarm is required.
- Verify smoke alarm is present.

Request for Help: - None

Action: - None

More Information: - Required areas include inside each bedroom and outside each sleeping area or on every level of the home, including the basement.
- On levels without bedrooms, smoke alarm must be present in the living room (or den or family room) or near the stairway to the upper level, or in both locations.
- Smoke alarm installed in the basement should be installed on the ceiling at the bottom of the stairs leading to the next level.

Tools or Equipment:

Required: - None

Useful: - None
Deficiency I — Inside: Smoke alarm not installed in each bedroom or on each level

Deficiency Criteria: Smoke alarm not installed in each bedroom or on each level.

Health and Safety Determination: Life-Threatening This is a life-threatening issue requiring a 24-hour repair, correction, or act of abatement.
Correction Timeframe: 24 hours
HCV—Correction Timeframe: 24 hours If primary smoke alarm is present, then additional smoke alarms are a 30-day correction.

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Inspection Process:

Observation: - Observe each location where smoke alarm is required.
- Verify smoke alarm is present.

Request for Help: - None

Action: - None

More Information: - Required areas include on every level, including the basement.
- Smoke alarm must be present in the living room or near the stairway to the upper level, or in both locations.
- Smoke alarm installed in the basement should be installed on the ceiling at the bottom of the stairs leading to the next level.

Tools or Equipment:

Required: - None

Useful: - None
DEFICIENCY 2  —  UNIT:  

SMOKE ALARM DOES NOT PRODUCE AUDIO OR VISUAL ALARM WHEN TESTED

DEFICIENCY CRITERIA:  
Smoke alarm does not emit visual or audio alarm.

HEALTH AND SAFETY DETERMINATION:  
Life-Threatening  
This is a life-threatening issue requiring a 24-hour repair, correction, or act of abatement.

CORRECTION TIMEFRAME:  
24 hours

HCV — CORRECTION TIMEFRAME:  
24 hours  
If primary smoke alarm is present, then additional smoke alarms are a 30-day correction.

RATIONALE:

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INSPECTION PROCESS:

Observation:  
- Look at smoke alarm to find a test button.

Request for Help:  
- If no test button is present, then ask POA for a Smoke Detector Maintenance Certificate.

Action:  
- Press the test button and determine if light on smoke alarm flashes, strobes, or changes pattern in any way.
- Listen to hear if an alarm is emitted from the smoke alarm at an audible level to alert the resident.

More Information:  
- None

TOOLS OR EQUIPMENT:

Required:  
- None

Useful:  
- Telescoping pole
DEFICIENCY 2 — INSIDE:  

**Smoke alarm does not produce audio or visual alarm when tested**

**Deficiency Criteria:**  
Smoke alarm does not emit visual or audio alarm.

**Health and Safety Determination:**  
Life-Threatening  
This is a life-threatening issue requiring a 24-hour repair, correction, or act of abatement.

**Correction Timeframe:**  
24 hours

**HCV — Correction Timeframe:**  
24 hours  
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**Rationale:**

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**Inspection Process:**

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- Listen to hear if an alarm is emitted from the smoke alarm at an audible level to alert the resident.

**More Information:**  
- None

**Tools or Equipment:**

**Required:**  
- None

**Useful:**  
- Telescoping pole
# SUMMARY OF CHANGES

**TITLE:** SMOKE ALARM  
**VERSION:** V1.3  
**DATE PUBLISHED:** 7/31/20

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<tr>
<th>FIELD</th>
<th>CHANGE</th>
<th>VERSION</th>
<th>DATE</th>
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<tbody>
<tr>
<td>Overall Formatting</td>
<td>Complete rework of document format and layout</td>
<td>V1.3</td>
<td>2020-07-31</td>
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<tr>
<td>Title</td>
<td>Revised title</td>
<td>V1.3</td>
<td>2020-07-31</td>
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<tr>
<td>Definition</td>
<td>Revised definition</td>
<td>V1.3</td>
<td>2020-07-31</td>
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<td>Purpose</td>
<td>Field added</td>
<td>V1.3</td>
<td>2020-07-31</td>
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<td>Name Variants</td>
<td>Revised name variants</td>
<td>V1.3</td>
<td>2020-07-31</td>
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<td>Common Components</td>
<td>Revised common components</td>
<td>V1.3</td>
<td>2020-07-31</td>
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<tr>
<td>Location</td>
<td>Revised inspectable locations</td>
<td>V1.3</td>
<td>2020-07-31</td>
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<tr>
<td>More Information</td>
<td>Field added</td>
<td>V1.3</td>
<td>2020-07-31</td>
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<tr>
<td>Deficiency 1</td>
<td>Separated by inspectable locations — Unit and Inside</td>
<td>V1.3</td>
<td>2020-07-31</td>
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<td>Deficiency Criteria</td>
<td>Revised title; added inspectable locations</td>
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<td>Tools or Equipment</td>
<td>Field added to deficiency; response revised</td>
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**Deficiency 2**  
Removed previous deficiency 2; replaced with previous deficiency 3  
Separated by inspectable locations — Unit and Inside  
**Version:** V1.3  
**Date:** 2020-07-31

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