TITLE: GROUND FAULT CIRCUIT INTERRUPTER (GFCI) & ARC FAULT CIRCUIT INTERRUPTER (AFCI)

VERSION: V1.3

DATE PUBLISHED: 7/31/20

DEFINITION: Electrical protection devices

PURPOSE: Protect individuals from electrical shock due to ground faults and against fires caused by arc faults

NAME VARIANTS: Receptacle; Circuit breaker

COMMON MATERIALS: Metal; Plastic

COMMON COMPONENTS: Receptacle or outlet; Faceplate; Test and reset buttons; Circuit breaker

LOCATION:
- ☒ Unit: Living room, bedroom, kitchen, bathroom, office, mechanical room, closet, hallway, any wall surface
- ☒ Inside: Living room, kitchen, bathroom, office, mechanical room, closet, hallway, any wall surface
- ☒ Outside: Exterior wall surface, service panels, or site

MORE INFORMATION: None

DEFICIENCY 1: GFCI and AFCI test and reset buttons are inoperable
LOCATION: ☒ Unit ☒ Inside ☒ Outside

DEFICIENCY 2: GFCI or AFCI have broken, cracked, or burned surfaces, or buttons are missing
LOCATION: ☒ Unit ☒ Inside ☒ Outside

DEFICIENCY 3: GFCI protection is not present where required
LOCATION: ☒ Unit ☒ Inside ☒ Outside
DEFICIENCY I — UNIT:  
GFCI AND AFCI TEST AND RESET BUTTONS ARE INOPERABLE

DEFICIENCY CRITERIA:  
Test and reset buttons are inoperable (i.e., overall system or component thereof not meeting function or purpose; with or without visible damage).

HEALTH AND SAFETY DETERMINATION:  
Standard
This is a standard health and safety issue. A repair, correction, or act of abatement for this deficiency should occur within 30 days.

CORRECTION TIMEFRAME:  
Within 30 days

RATIONALE:

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<td>Safety</td>
<td>Indirect</td>
<td>Resident could be injured because of this condition.</td>
<td>If test and reset buttons are inoperable, and an electrical fault is present, then resident could be exposed to electric shock.</td>
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<tr>
<td>R6</td>
<td>Usability and Operability</td>
<td>Direct</td>
<td>Because of this condition, the resident is unable to use certain fixtures, features, or appliances, which are reasonably assumed to be part of their rent.</td>
<td>If test and reset buttons are inoperable, then resident may be unable to fully utilize a feature that is expected to be provided and maintained as part of their rent.</td>
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<td>M1</td>
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<td>It is reasonable to expect a tenant to report this deficiency, and for facilities management to prioritize a work order response to fix that deficiency.</td>
<td>If test and reset buttons are inoperable, then resident will likely report it and the presence of this defect may indicate that complaint-based work orders are not being addressed.</td>
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INSPECTION PROCESS:

OBSERVATION:  
- Look for GFCI outlets or breakers and AFCI breakers.

REQUEST FOR HELP:  
- Notify POA that these circuits are to be interrupted and can affect devices such as: computers, oxygen devices, and televisions, etc.

ACTION:  
- Test the functionality by engaging the test and reset buttons.
- If the electrical run is protected, then use electrical testing device to trigger response at the outlet level.

More Information:  
- Some outlets are wired in series and may have one GFCI/AFCI that provides protection to the entire series.
TOOLS OR EQUIPMENT:

**REQUIRED:**
- Electrical testing equipment

**USEFUL:**
- None
Deficiency 1 — Inside: **GFCI and AFCI Test and Reset Buttons Are Inoperable**

Deficiency Criteria: Test and reset buttons are inoperable (i.e., overall system or component thereof not meeting function or purpose; with or without visible damage).

Health and Safety Determination: Standard
This is a standard health and safety issue. A repair, correction, or act of abatement for this deficiency should occur within 30 days.

Correction Timeframe: Within 30 days

HCV — Correction Timeframe: Within 30 days

### Rationale:

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### Inspection Process:

**Observation:**
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Tools or Equipment:

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DEFICIENCY 1 — OUTSIDE:  
**GFCI AND AFCI TEST AND RESET BUTTONS ARE INOPERABLE**

**DEFICIENCY CRITERIA:**  
Test and reset buttons are inoperable (i.e., overall system or component thereof not meeting function or purpose; with or without visible damage).

**HEALTH AND SAFETY DETERMINATION:**  
Standard  
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**CORRECTION TIMEFRAME:**  
Within 30 days

**RATIONAL:**

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**INSTRUCTION PROCESS:**

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- Look for GFCI outlets or breakers and AFCI breakers.

**REQUEST FOR HELP:**  
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**ACTION:**  
- Test the functionality by engaging the test and reset buttons.
- If the electrical run is protected, then use electrical testing device to trigger response at the outlet level.

**More Information:**  
- Some outlets are wired in series and may have one GFCI/AFCI that provides protection to the entire series.
Tools or Equipment:

Required: - Electrical testing equipment

Useful: - None
Deficiency 2 — Unit: GFCI or AFCI have broken, cracked, or burned surfaces, or buttons are missing

Deficiency Criteria: Any broken, cracked, or burned GFCI/AFCI surfaces.

OR

Any missing reset or test buttons on GFCI/AFCI.

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

Rationale:

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<td>Health</td>
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<td>Condition could affect resident's mental, physical, or psychological state.</td>
<td>If GFCI or AFCI have broken, cracked, or burned surfaces, or buttons are missing, and the resident needs this access to operate a medical device, then their health may be jeopardized.</td>
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<td>Resident could be injured because of this condition.</td>
<td>If GFCI or AFCI have broken, cracked, or burned surfaces, or buttons are missing, and an electrical fault is present, then there may be an increased fire hazard risk.</td>
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Inspection Process:

Observation: Look at the GFCI/AFCI and identify any breaks, creaks, burns, or missing buttons.

Request for Help: None

Action: None

More Information: If there is exposed electrical wiring, capture under the exposed electrical standard.
**Tools or Equipment:**

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Deficiency 2 — Inside: **GFCI or AFCI have broken, cracked, or burned surfaces, or buttons are missing**

**Deficiency Criteria:**
Any broken, cracked, or burned GFCI/AFCI surfaces.

**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

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- **Observation:** Look at the GFCI/AFCI and identify any breaks, creaks, burns, or missing buttons.
- **Request for Help:** None
- **Action:** None
- **More Information:** If there is exposed electrical wiring, capture under the exposed electrical standard.

**Tools or Equipment:**

- **Required:** None
- **Useful:** None
Deficiency 2 — Outside: GFCI or AFCI have broken, cracked, or burned surfaces, or buttons are missing

Deficiency Criteria: Any broken, cracked, or burned GFCI/AFCI surfaces.

OR

Any missing reset or test buttons on GFCI/AFCI.

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

HCY — Correction Timeframe: 24 hours

Rationale:

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Inspection Process:

Observation: - Look at the GFCI/AFCI and identify any breaks, creaks, burns, or missing buttons.

Request for Help: - None

Action: - None

More Information: - If there is exposed electrical wiring, capture under the exposed electrical standard.

Tools or Equipment:

Required: - None

Useful: - None
DEFICIENCY 3 — UNIT: GFCI PROTECTION IS NOT PRESENT WHERE REQUIRED

DEFICIENCY CRITERIA: GFCI protection is not present for outlets within 6 feet of a water source.

HEALTH AND SAFETY DETERMINATION: Standard This is a standard health and safety issue. A repair, correction, or act of abatement for this deficiency should occur within 30 days.

CORRECTION TIMEFRAME: Within 30 days

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INSPECTION PROCESS:

- **Observation:** Look in areas with water sources (e.g., bathrooms, kitchens, laundry rooms, garages, basements) and ensure a GFCI protection is present.
- **Request for Help:** None
- **Action:** None
- **More Information:** None

TOOLS OR EQUIPMENT:

- **Required:** Flashlight
- **Useful:** None
DEFICIENCY 3 — INSIDE: **GFCI PROTECTION IS NOT PRESENT WHERE REQUIRED**

DEFICIENCY CRITERIA: GFCI protection is not present for outlets within 6 feet of a water source.

HEALTH AND SAFETY DETERMINATION: Standard

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CORRECTION TIMEFRAME: Within 30 days

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**Request for Help:**
- None

**Action:**
- None

**More Information:**
- None

TOOLS OR EQUIPMENT:

**Required:**
- Flashlight

**Useful:**
- None
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REQUEST FOR HELP:  - None

ACTION:  - None

More Information:  - None

TOOLS OR EQUIPMENT:

Required:  - Flashlight

Useful:  - None