

ORDINANCE 25-11
AN ORDINANCE OF THE TOWN OF OAKLAND, TENNESSEE, ADOPTING
THE 2023 EDITION OF THE NATIONAL ELECTRICAL CODE WITH LOCAL
AMENDMENTS

WHEREAS, the Town of Oakland, Tennessee, seeks to promote public safety and ensure the safe installation and use of electrical systems within its jurisdiction; and

WHEREAS, the National Electrical Code (NEC) is recognized as the standard for safe electrical design, installation, and inspection to protect people and property from electrical hazards; and

WHEREAS, the Town desires to adopt the 2023 edition of the NEC with specific amendments based on local considerations and practices.

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF MAYOR AND ALDERMEN OF THE TOWN OF OAKLAND, TENNESSEE AS FOLLOWS:

SECTION 1. ADOPTION OF THE 2023 NATIONAL ELECTRICAL CODE

The Town of Oakland hereby adopts by reference the **2023 Edition of the National Electrical Code (NEC)** as published by the National Fire Protection Association (NFPA), including all appendices, unless specifically amended herein.

SECTION 2. LOCAL AMENDMENTS TO THE 2023 NEC

The following amendments shall apply within the jurisdiction of the Town of Oakland and shall supersede the corresponding provisions of the 2023 NEC:

2.1 Emergency Disconnects Not Required

The requirement for an outdoor emergency disconnects as set forth in NEC 230.85 shall not be mandatory within the Town of Oakland.

2.2 GFCI Protection for Appliances Not Required

The GFCI protection requirements in **NEC 210.8(A)(10)** and similar sections requiring ground-fault protection for appliances such as refrigerators, dishwashers, and other fixed appliances shall **not be required**.

2.3 Optional AFCI Protection in Certain Areas

AFCI (Arc-Fault Circuit Interrupter) protection, as described in NEC 210.12, shall be **optional** for branch circuits supplying **bathrooms, laundry rooms, and garages**.

2.4 Installation Requirements for Copper Clad Aluminum Conductors

When **Copper Clad Aluminum (CCA)** wiring is used:

- It **must be installed in an approved raceway** (e.g., EMT, PVC, or other NEC-approved conduit systems).
- It shall **not be terminated directly to devices** (e.g., receptacles, switches, etc.).
- All terminations to devices shall be made using **approved connectors** that **pigtail** the CCA conductors to **solid copper wire**.
- Only **UL 486C certified connectors** shall be used for all CCA-to-copper terminations. The connectors must be installed according to the manufacturer's instructions.
- Such installations shall comply with all applicable UL listings and nationally recognized safety standards.

2.5 Load Calculations Required for 15-Amp Convenience Outlet Circuits

Where **15-ampere branch circuits** are used for **convenience outlets** in residential or commercial applications:

- A **branch circuit load calculation** shall be performed in accordance with **NEC Article 220**.
- This calculation must demonstrate that the connected load does not exceed the safe operating capacity of the circuit.
- A **copy of the load calculation** shall be **submitted to the Town of Oakland Building Department** prior to scheduling the **electrical rough-in or final inspection**.
- Inspections may be **delayed or denied** if the required documentation is not provided.

2.6 Dedicated Circuits Required for Separate Cooktops and Ovens

Where a **cooktop and oven are not manufactured or listed as a single combined unit**:

- **Each appliance shall be served by a separate, dedicated branch circuit**, sized according to its nameplate rating and installed in accordance with **NEC Article 220 and 422**.
- Shared circuits between separately installed cooking appliances shall **not be permitted**.

2.7 Torque Requirements at Final Inspection

At the time of **final electrical inspection**:

- The **torque device** (e.g., torque screwdriver or torque wrench) used to torque electrical connections shall be **available on site**.
- The device must have **current calibration documentation** showing it has been calibrated within the past **12 months** by a recognized calibration service.

- A **written list of all torque values** applied to devices and terminals—referenced to the manufacturers' specifications—shall be provided to the inspector.
- Failure to provide the torque tool, calibration certificate, or torque record may result in **inspection failure or delay**.

SECTION 3. SEVERABILITY

If any section, subsection, sentence, clause, or phrase of this Ordinance is for any reason held to be invalid or unconstitutional by a court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this Ordinance.

SECTION 4. CONFLICTING ORDINANCES REPEALED

All ordinances or parts of ordinances in conflict with the provisions of this Ordinance are hereby repealed.

SECTION 5. EFFECTIVE DATE

This Ordinance shall become effective immediately upon its passage, the public welfare requiring it.

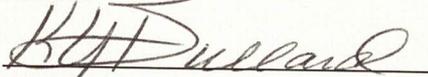
Be it ordained by the Board of Mayor and Aldermen of the Town of Oakland this 20th day of November, 2025.

Passed on First Reading: October 16, 2025

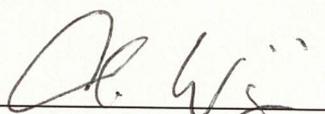
Public Hearing held on: November 20, 2025

Passed on Second Reading: November 20, 2025

Attest:



Yvonne Bullard, Town Recorder


Adrian Wiggins, Mayor