

# General Electrical Maintenance Checklist

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Your electrical systems will be compared to the [National Electrical Code \(NEC\)](#) standards — a benchmark for safe electrical installation, inspection, and design with the purpose to protect people and properties from hazards.

To remain compliant, conduct Electrical Inspection Maintenance **at least once a year**.

Identify installations that are covered by the NEC

Verify that all installations follow manufacturers' installation instructions and that the materials and equipment are properly labeled

Ensure that the interrupting current and short-circuit (SC) current ratings are suitable for the installation's conditions

Confirm that all unused openings of electrical enclosures and boxes are properly closed

Inspect for any contamination resulting from the use of foreign materials

Check for any damaged or unrepaired parts

Verify the equipment is adequately mounted and that there is sufficient ventilation and space for it

Inspect electrical splices and equipment terminations

Check the terminations' temperature ratings

Verify that the cable runs that pass through or parallel to framing members meet NEC clearance minimums or have suitable protection

Check wiring assemblies for adequate support and suitability for location conditions

Check whether grounding conductors are fit for purpose and meet NEC size requirements

Check recessed lighting for correct clearance from insulation and combustible material

Verify ratings of the surrounding environment and check for enclosure markings

Inspect the area above and below the equipment to ensure that there is no foreign equipment present and that there is sufficient dedicated space for the equipment.

Inspect the switchboards, panelboards, and similar equipment for circuit directories, and means of circuit disconnection

## Comments: