

Electrical Wiring Inspection Checklist

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General Requirements & Documentation

Review of permits, plans, and general compliance with applicable codes and regulations.

Permit Number

Write something...

Project Description

Write something...



Inspection Date

Enter date...

Code Compliance Standard

- NEC 2020
- NEC 2023
- Local Code (Specify)

Approved Electrical Plans

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Square Footage of Building

Enter a number...

Type of Occupancy

- Residential
- Commercial
- Industrial
- Other (Specify)

Notes/Comments on Documentation Review

Write something...

Main Service Entrance

Inspection of the service entrance conductors, meter base, service disconnect, and grounding system.

Service Voltage (e.g., 120/240V)

Service Capacity (Amps)

Meter Base Condition

- Good
- Damaged
- Corroded
- Missing
- Other (Specify)

Service Disconnect Labeling (Amps & Voltage)

Service Entrance Conductor Type

- Copper
- Aluminum
- Other (Specify)

Grounding Electrode Size (if applicable)

Enter a number...

Any observed issues or comments regarding the service entrance?

Write something...

Bonding Condition

- Acceptable
- Inadequate
- Missing
- Other (Specify)

Panelboards & Overcurrent Protection

Evaluation of panelboard labeling, circuit breakers/fuses, and overcurrent protection devices.

Panelboard Voltage Rating (V)

Enter a number...

Panelboard Location (Indoor/Outdoor)

- Indoor
- Outdoor

Number of Circuit Breakers Installed

Enter a number...

Panelboard Labeling (Select all that apply)

- Voltage
- Current Rating
- Circuit Identification
- Supplier Name
- Other

Circuit Breaker Type (Select One)

- Standard Circuit Breaker
- GFCI Circuit Breaker
- AFCI Circuit Breaker
- Combination AFCI/GFCI

Circuit Breaker Ampacity (A)

Enter a number...

Any Visible Damage or Corrosion?

Write something...

Panelboard is Properly Secured?

Yes

No

Branch Circuits & Wiring Methods

Assessment of branch circuit wiring, conduit fill, cable supports, and proper wiring methods (e.g., NM, MC, EMT).

Conduit Fill Percentage:

Enter a number...

Wiring Method Verification (Select all that apply):

- NM Cable
- MC Cable
- EMT Conduit
- PVC Conduit
- Flexible Conduit
- Other (Specify in LONG_TEXT)

If 'Other' wiring method selected above, please specify:

Write something...

Number of Branch Circuits Identified:

Enter a number...

Wiring Secured Appropriately?

- Yes
- No
- NA

Photograph of Conduit Installation (if needed)

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Wire Gauge (e.g., 12 AWG) Verification - All Circuits:

Enter a number...

Proper Wire Type Used?

- Yes
- No
- NA

Grounding & Bonding

Verification of grounding electrode system, grounding conductors, bonding jumpers, and equipment grounding.

Type of Grounding Electrode System?

- Rod Ground
- Plate Ground
- Ground Ring
- Concrete Encased Electrode
- Water Pipe Ground (if permitted)

Ground Rod Depth (inches)

Enter a number...

Ground Wire Size (AWG)

- #6
- #4
- #2
- #1
- Other (Specify)

Description of Bonding Jumpers (size, material, location)

Write something...

Bonding of Exposed Metallic Piping?

- Yes
- No
- N/A

Resistance to Ground (Ohms)

Enter a number...

Notes on Grounding System

Write something...

Receptacles & Switches

Inspection of receptacle wiring, grounding, tamper resistance, and switch functionality.

Receptacle Grounding Status

- Properly Grounded
- Ungrounded
- Incorrect Grounding
- Not Accessible

Receptacle Tamper Resistance

- Tamper Resistant
- Not Tamper Resistant (Exempt)
- Not Tamper Resistant (Not Exempt)

Receptacle Voltage (V)

Enter a number...

Switch Functionality

- Operates Correctly
- Sticking/Difficult to Operate
- Does Not Function
- Incomplete Wiring

Switch Wiring Observations

Write something...

Receptacle Type

- Standard
- GFCI
- AFCI
- Weatherproof

Receptacle/Switch Notes

Write something...

Lighting Fixtures

Assessment of lighting fixture installation, proper grounding, and compliance with code requirements.

Fixture Type (e.g., LED, Fluorescent)

Enter a number...

Number of Fixtures Inspected

Enter a number...

Fixture Securely Mounted?

- Yes
- No
- NA

Proper Grounding Connection?

- Yes
- No
- NA

Notes on Wiring (e.g., cable type, connection quality)

Write something...

Appropriate Wattage Rating?

- Yes
- No
- NA

Upload Photo of Fixture Installation (if issues found)

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Special Equipment (HVAC, Water Heaters, etc.)

Review of electrical connections to appliances, equipment, and other specialized systems.

Water Heater Disconnect Location

- Accessible Location
- Inaccessible Location
- Not Applicable

Water Heater Voltage (V)

Enter a number...

HVA/C Unit Proper Grounding?

- Yes
- No
- Not Applicable

Detailed Observations regarding HVAC wiring

Write something...

Dedicated Circuit for Water Heater?

- Yes
- No
- Not Applicable

Attach Photo of Equipment Connection

 Upload File

Amperage Rating of Dedicated Circuit (A)

Enter a number...

GFCI Protection for Water Heater?

- Yes
- No
- Not Applicable

Smoke Detectors & Carbon Monoxide Detectors

Verification of proper installation, functionality, and compliance with local codes for fire safety devices.

Smoke Detector Location - Living Room

- Installed and Operational
- Installed, Not Operational
- Not Installed
- N/A - Not Required

Carbon Monoxide Detector Location - Near Bedrooms

- Installed and Operational
- Installed, Not Operational
- Not Installed
- N/A - Not Required

Smoke Detector Power Source

- Hardwired
- Battery-Powered
- Dual Power (Hardwired & Battery)

Number of Smoke Detectors Installed

Enter a number...

Smoke Detector Interconnection

- Interconnected
- Not Interconnected

Notes/Comments on Smoke/CO Detector Installation

Write something...

CO Detector Tested and Working?

- Yes
- No
- N/A

Date of Last CO Detector Test (if applicable)

Enter date...

Final Sign-Off & Remediation

Documentation of inspection findings, required corrections, and final sign-off upon completion of remediation.

Date of Final Inspection

Enter date...

Time of Final Inspection

Enter time...

Summary of Findings & Required Corrections (Detailed)

Write something...

Were all previously identified deficiencies corrected?

Yes

No

Number of Open/Uncorrected Items

Enter a number...

Description of any remaining deficiencies (if applicable)

Write something...

Inspector's Recommendation:

Pass

Conditional Pass (Requires Remediation)

Fail (Requires Significant Remediation)

Inspector's Signature

Inspector's Printed Name

Write something...