



Elkhart County Planning & Development

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Final Electrical Inspection – Inspector’s Checklist

Based on the Indiana Electric Code (675 IAC-17 IEC)
2008 NEC (1st printing) with Indiana Amendments

Effective August 26, 2009 – Fire & Building Safety Commission – 675 IAC 17-1.8-1

1. Air conditioning equipment connected in an approved manner.
2. All circuits tested for proper operation.
3. All circuits 2-pole type provided with a suitable handle-tie (not a nail or screw).
4. All devices in place with proper plates installed.
5. All equipment exposed to weather of approved or listed type.
6. All spare or unused outlet boxes have conductors taped off and blank covers installed.
7. Bonding type bushings on service raceways and bonding jumpers where required.
8. Circuit breakers or fuses of proper size.
9. Clearance of service drop and drip loop.
10. Conductors other than service conductors not installed in a service raceway except for grounding conductors and load management conductors having over-current protection.
11. Covers installed on all fuse or circuit breaker panels.
12. Dishwasher / food waste disposal frames properly grounded.
13. Ensure tight connections and check ground continuity throughout.
14. Fixtures properly hung.
15. Frames of ranges and dryers properly grounded.
16. Ground clamp of approved type.
17. Ground-fault circuit interrupter(s) installed for outdoor, rooftop, garage, basement, kitchen and bathroom receptacles.
18. Grounding electrode conductor run in raceway when subject to damage. Enclosed in a continuous metal raceway or bonded.
19. Grounding type receptacles at all locations.
20. Lighting outlets where required.
21. Metal service raceway properly grounded.
22. Neutral properly grounded and properly identified.
23. Over-current protection on all motors that automatically start.
24. Panel directory properly filled in either with typed page or ink. No pencils!
25. Proper label of qualified electrical testing laboratory on all equipment.
26. Proper working clearances at all panel boards, service equipment and motors.
27. Proper working space at all electrical equipment.
28. Proper size service entrance conductors.
29. Raceway sealed at entry into building.
30. Service conductors enclosed in approved raceways or cables.
31. Service switch externally operated.
32. Service switch of suitable current and voltage.
33. Service switch properly grounded.
34. Service switch to disconnect on all equipment.
35. Soldered connections not used at services.

IMPORTANT - PLEASE READ: Code sections and items referenced in this checklist do not contain the entire code section or the exact wording of the code. Additional code requirements or exceptions may apply and are the responsibility of the Owner and/or General Contractor in charge of the work being done. The code references and items listed are included for your convenience only. This list may be expanded where necessary. It should be understood that the final electrical inspection is performed and can only be approved by the Elkhart County Building Department.

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