

ELECTRICAL INSPECTOR TRAINING PROGRAM (rev05)

CHECKLIST (Only this BOAF checklist may be used)

Required 34 hours (minimum) of FLORIDA BUILDING CODE, ICC, NEC, (or equal) classroom training. (See Master List for related training)

Required 250 hours (minimum) On-the-Job Training (OJT) with an Electrical Inspector Trainer.

A. Extensive training on all aspects of electrical systems.

1. Basic Electrical Theory
2. General Requirements and Fundamentals
3. Residential Wiring Methods and Inspection
4. Appliances, Devices and Motors
5. Grounding
6. Swimming Pools
7. Code Administration and Inspection Procedures
8. Electrical Theory
9. Electrical Services
10. Special Occupancies
11. Special Circuits and Equipment
12. Wiring Methods and Installation

Electric Trade Inspections

Initial the OJT checklist when each training segment has been completed and include the number of hours spent on that segment and date of completion.

Rough electric inspection:

- | | |
|---|---|
| <input type="checkbox"/> Wire size, type, & securing | <input type="checkbox"/> Required circuits |
| <input type="checkbox"/> GFCI circuits | <input type="checkbox"/> Small appliance circuits |
| <input type="checkbox"/> Lighting circuits | <input type="checkbox"/> Emergency circuits |
| <input type="checkbox"/> Smoke detector circuits | <input type="checkbox"/> Misc. "Dedicated" circuits |
| <input type="checkbox"/> Buried/underground circuits | <input type="checkbox"/> Required lighting |
| <input type="checkbox"/> Required servicing receptacles | <input type="checkbox"/> Recept. spacing (habitable rms.) |
| <input type="checkbox"/> Recept. spacing (counter tops) | <input type="checkbox"/> Req'd. outside recepts. |
| <input type="checkbox"/> Approved boxes & box fill | <input type="checkbox"/> Accessible J-boxes |
| <input type="checkbox"/> Conduit type, support, & termination | <input type="checkbox"/> Conduit bond & fill |
| <input type="checkbox"/> Wire protected in attic | <input type="checkbox"/> Nail plates - clear of sharp edges |
| <input type="checkbox"/> Wiring below 8' above ground | <input type="checkbox"/> Buried cable, plain & conduit |
| <input type="checkbox"/> Bending radius & kinks | <input type="checkbox"/> Corrosion inhibitor req'd. |
| <input type="checkbox"/> Panel protection & clear space | <input type="checkbox"/> Approved "grounding" system |
| <input type="checkbox"/> Required bonding | <input type="checkbox"/> Required disconnects & locations |
| <input type="checkbox"/> Wiring terminated in box | <input type="checkbox"/> Boxes all made up per code |
| <input type="checkbox"/> Computer systems | <input type="checkbox"/> Cable supports |
| <input type="checkbox"/> Pool equipment bonding | <input type="checkbox"/> Pool metal bonding |

Final electrical inspection:

- | | |
|---|---|
| <input type="checkbox"/> All electric trimmed or bugged | <input type="checkbox"/> Required lighting |
| <input type="checkbox"/> Working & identified GFCI circuits | <input type="checkbox"/> Breakers identified & sized |
| <input type="checkbox"/> Panels/disconnects covered/secured | <input type="checkbox"/> Panel/disconnect clearance |
| <input type="checkbox"/> Grounding system complete | <input type="checkbox"/> Neutrals isolated in sub-panels |
| <input type="checkbox"/> Lightning arresters | <input type="checkbox"/> Wire color coding |
| <input type="checkbox"/> Wire connections per code | <input type="checkbox"/> Overhead clearance |
| <input type="checkbox"/> Underground depth | <input type="checkbox"/> Light fixture clearance/protection |
| <input type="checkbox"/> Equipment bonding | <input type="checkbox"/> Equipment loads identified |
| <input type="checkbox"/> Flood elevation clearance | <input type="checkbox"/> MH sections bonded together |
| <input type="checkbox"/> Well casing bonded | <input type="checkbox"/> Special conditions |
| <input type="checkbox"/> Pool equipment bonding | |

Temporary pole inspection:

- ____ Required height with stable post & mast
- ____ GFCI protection
- ____ Required grounding system
- ____ Good working condition

- ____ Post bracing adequate
- ____ Secure & bonded panels
- ____ Required conductor size & type

The above specific areas of Electrical Inspection Training have been completed,

Total Hours = _____

Trainee Name _____ Date Completed

Electrical Instructor Trainer _____ Date Completed

BCAIB # _____

Electrical Instructor Trainer _____ Date Completed

BCAIB # _____

Electrical Instructor Trainer _____ Date Completed

BCAIB # _____

Electrical Instructor Trainer _____ Date Completed

BCAIB # _____

ATTACH COMPLETED LOG FORM