

MECHANICAL INSPECTOR TRAINING PROGRAM (rev05)

CHECKLIST (Only this BOAF checklist may be used)

Required 18 hours (minimum) of FLORIDA BUILDING CODE, ICC (or equal) classroom training. (See Master List for related training)

Required 182 hours (minimum) On-the-Job Training (OJT) with a Mechanical Inspector Trainer.

A. Extensive training on all aspects of mechanical systems.

1. Fundamentals
2. Air Conditioning Systems and Equipment
3. Heating Systems
4. Fuel Systems
5. Combustion and Venting
6. Mechanical Piping materials and Fittings
7. Duct and Venting Systems
8. Exhaust Systems
9. Smoke Control
10. Boilers and Water Heaters
11. Refrigeration
12. Special Systems
13. Piping Systems

Mechanical 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 mechanical inspection:

- | | |
|---|--|
| <input type="checkbox"/> Approved materials | <input type="checkbox"/> Duct connections & support |
| <input type="checkbox"/> Sized per manual "D" & "J" | <input type="checkbox"/> Register locations & size /plan |
| <input type="checkbox"/> "Flex"; extension & radius | <input type="checkbox"/> "R" value to code |
| <input type="checkbox"/> Return air plenum - mech.. closet | <input type="checkbox"/> Equipment platforms & access |
| <input type="checkbox"/> Lighting & servicing electric | <input type="checkbox"/> Drip pan overflow protection |
| <input type="checkbox"/> Bath exhaust fan requirements | <input type="checkbox"/> Exhaust discharge locations |
| <input type="checkbox"/> Dryer vent material & distance | <input type="checkbox"/> Non-screened termination |
| <input type="checkbox"/> Range hood material & joints | <input type="checkbox"/> Comm. hood engineered |
| <input type="checkbox"/> Discharge/intake locations | <input type="checkbox"/> Fireplace & chimney clearance |
| <input type="checkbox"/> Chimney height | <input type="checkbox"/> Combustion air |
| <input type="checkbox"/> Gas piping materials & joints | <input type="checkbox"/> Gas piping support & size |
| <input type="checkbox"/> Gas vent materials & joints | <input type="checkbox"/> Gas vent support & size |
| <input type="checkbox"/> Gas vent clearance | <input type="checkbox"/> Gas appliance protection |
| <input type="checkbox"/> Gas appliance locations | <input type="checkbox"/> Turning vanes |
| <input type="checkbox"/> Confined space ventilation | <input type="checkbox"/> Gas piping pressure test |
| <input type="checkbox"/> Heating system requirements | <input type="checkbox"/> Other fuel systems |
| <input type="checkbox"/> Testing of piping systems | <input type="checkbox"/> Duct insulation |
| <input type="checkbox"/> Exhaust termination from prop. lines | <input type="checkbox"/> Heating/cooling piping |

Final mechanical inspection:

- | | |
|---|--|
| <input type="checkbox"/> Equipment & ducts complete | <input type="checkbox"/> Equipment clearance |
| <input type="checkbox"/> Chases sealed | <input type="checkbox"/> Condensate drainage |
| <input type="checkbox"/> Access to equipment | <input type="checkbox"/> Equipment servicing needs |
| <input type="checkbox"/> Flood requirements | <input type="checkbox"/> Duct clearance from grade |
| <input type="checkbox"/> Gas appliance set w/shut-off | <input type="checkbox"/> Gas appliance protection |

____ Gas vents complete
____ Confined space requirements
____ Dryer discharge non-screened
____ Duct insulation
____ Smoke control tested
____ Plenum penetration

____ Combustion air
____ Range hood sealed
____ Comm. hood system
____ Fire dampers
____ Solar system
____ System balancing

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

Total Hours = _____

Trainee Name

Date Completed

Mechanical Instructor Trainer

Date Completed

BCAIB # _____

Mechanical Instructor Trainer

Date Completed

BCAIB # _____

Mechanical Instructor Trainer

Date Completed

BCAIB # _____

Mechanical Instructor Trainer

Date Completed

BCAIB # _____

ATTACH COMPLETED LOG FORM