

# RESIDENTIAL INSPECTION GUIDE

## NATIONAL INSPECTION CORPORATION

Office 888-433-4642

Inspection must be requested made at least one (1) day in advance. When scheduling an inspection, be prepared to give the address, city, permit number and type of inspection(s) needed. To obtain a time for the inspection, call the morning of the inspection between 8:00 and 8:30 A.M., you will be given a time within a 2 hour range. The approved permit drawings must be on the job site for **ALL** inspections.

**IMPORTANT: PLEASE READ ALL PLAN REVIEW NOTES ON YOUR APPROVED PLANS BEFORE STARTING WORK.**

### 1. FOOTING INSPECTION

- After all footing forms, grade stakes, required reinforcing steel, and required grounding electrode connections are made prior to pouring concrete.

### 2. FOUNDATION INSPECTION

- After forms are completed and required reinforcing steel is in place prior to pouring concrete. A foundation inspection is not required for slab on grade or crawlspace construction.

### 3. BACKFILL INSPECTION

- After foundation walls are waterproofed and drain tiles are installed. A backfill inspection is not required for slab on grade or crawlspace construction.

### 4. CRAWLSPACE INSPECTION

- After piers, beams, and joists are installed prior to installing floor sheathing.

### 5. SLAB INSPECTION

- After vapor barrier, perimeter insulation, all under slab HVAC ductwork, and all required reinforcing steel is in place. Rough plumbing must be approved prior to slab inspection.
- Inspection of under slab electrical conduits and raceways must be completed before covering.

### 6. ROUGH GAS PIPING INSPECTION

- After all permanent gas piping is installed and test pressure has been obtained with an approved pressure gauge (Kuhlman, etc.)

### 7. ROUGH ELECTRIC INSPECTION

- Temporary pole: After meter socket, weatherproof equipment, GFCI receptacle(s) with in-use cover, and approved grounding connection are installed. Ground rods and grounding connections must be visible.
- Trench: After all underground raceways, direct burial conductors, and warning ribbons are installed to proper depths and before covering.
- Service: After trench is backfilled and meter socket, main equipment, GFCI receptacle(s), and approved grounding connections are installed. Ground rods and grounding connections must be visible.
- Building wiring: After raceways and/or cables are installed and properly secured, rough boxes are set, and grounding system conductors are secured and bonded.

### 8. ROUGH HVAC INSPECTION

- After duct system is installed and all combustion air, venting, bathroom and dryer exhaust ducts are installed. Manufacturer's installation instructions and specific details on venting must be on job site at the time of inspection

### 9. ROUGH FRAMING INSPECTION

- After all rough electrical, plumbing, gas piping, and HVAC inspections have been approved.
- After framing is complete but prior to installing insulation.

### 10. INSULATION INSPECTION

- After all required insulation and fire blocking/ fire stopping is completed and all outstanding items from previous inspections have been addressed.

### 11. FIREPLACE INSPECTION

- Masonry Rough: After firebox is constructed, damper is in place, and after the first flue liner is installed.
- Factory built: Must be installed and ready for inspection at time of the framing inspection. Manufacturer's installation instructions must be on site at time of inspection.
- Masonry Final: After chimney is topped-off and the hearth extension is completed. May be inspected at the same time as the final building inspection.

### 12. FINAL ELECTRICAL INSPECTION

- After all electrical devices and luminaries are installed and operational.
- May be inspected with the final building inspection but you must request the electrical inspection to be performed at the same time.

### 13. FINAL HVAC INSPECTION

- After final electric inspection has been approved.
- After all equipment is operational.
- May be inspected with the final building inspection but you must request the HVAC inspection to be preformed at same time.

### 14. FINAL BUILDING INSPECTION

- After electrical, HVAC, and plumbing inspections have been approved. All final inspections except plumbing can be preformed at the same time upon request.

### 15. CERTIFICATE OF OCCUPANCY

- A Certificate of Occupancy or a Temporary Certificate of Occupancy must be issued before the structure may be occupied.