

**ELECTRICAL INSPECTION FIELD GUIDE RESIDENTIAL  
 2002 NATIONAL ELECTRICAL CODE**

<b>ROUGH-IN INSPECTION</b>	<b>CODE SECTION</b>	<b>OK</b>	<b>REJ.</b>	<b>N/A</b>
Conductors for General Wiring	310			
Range Cable	210.19 (3)			
Small Appliance Circuits	210.11 © 1			
Counter Top Small Appliance Circuit	210.52 (B) (1)			
<b>METRO CODE AMENDMENTS</b>				
Water Heater Conductor Size	422.15			
Dryer Wire Size	422.11 (F) (1)			
Small Appliance Branch Circuit	210.10 (B) (3)			
Laundry Circuit	210.52 (F)			
Ground Fault Receptacle (Bathroom)	210.8 (A) (1)			
Ground Fault Receptacle (Outside)	210.8 (A) (3)			
Ground Fault (Basement & Garage)	210.8 (A) (2)			
Spacing for Convince Outlets	210.52 (A) (1)			
Protection of NM and NMC	334.15 (B) (C)			
Support of NM and NMC Cable	334.30			
Markings on NMC	334.16 (B)			
Locations of Panel Boards	408.5 – 408.8 (B)			
Wire Size for Sub-Panels	310.15 (B) (2) A			
Size Grounding Electrode Conductor Table	250.66			
Location of the Grounding Electrode Conductor	250.64 (A-F)			
Proper Support Boxes for Ceiling Fans	422.18 (A & B)			
Waste Disposal & Trash Compaction Wired on Separate Circuit	422.16 ©			
Check Wire Size and Types of Low Voltage Wiring	725.21			
Wall Switched Control Lighting Outlet in Every Habitable Room	210.70 (A) (1)			
Lighting Outlet Switch Controlled by Point of Entry	210.70 (A) (3)			
Electrical Fire Stopping & Caulking of Penetrations	300.21			
Branch Circuit and Disconnect for HVAC	440.12 (A,B,C,D & E)			
Smoke Detectors	Section 316 CABO 1 & 2 Family Dwelling			
Arc Fault Circuit Interrupter Protection	210.10 (A & B)			

<b>FINAL INSPECTION</b>	<b>CODE SECTION</b>	<b>OK</b>	<b>REJ.</b>	<b>N/A</b>
Main Service Size	230.42			
Service Conductor Sizing	310.15 (B) (6)			
Service Conductor Overhead Clearances	230.24 (B)			
Service Conductor Point of Attachment	230.24 (A)			
Supports on Main Service Conduit	230.28 & 230.29			
Main Service Panel Board Locations	110.26 (A) (1)			
Clearance in Front of Panel Boards and Service Equipment	110.26 (A)			
Equipment Labeled	230.66			
Illumination Required Around Equipment	110.26 (D)			
Neutrals and Grounds Isolated on Sub-Panels	250.24 (A) 5			
Marking of Circuit Breakers	110.22			
Over Current Protection and Wire Size on Branch Circuits	Table 310.16			
Main Service Grounding (Supplemental Ground)	250.50 & 250.50 (A) 2			
Size Grounding Conductor	Table 250.66			
Types of Grounding Electrode	250.53 (A - D)			
Panels not to be Located in a Bathroom or Clothes Closet	240.24 (D & E)			
Three-Way Switch Required at Stairways	210.70 (A) 2			
<b>Ground Fault Protection Required</b>	<b>CODE SECTION</b>	<b>OK</b>	<b>REJ.</b>	<b>N/A</b>
Bathroom	210.8 (A) 1			
Massage Tub	680.70			
Roof Tops	210.8 (B)			
Kitchens	210.8 (B)			
Garages	210.8 (B)			
Outside	210.8 (A) (3)			
Crawl Space	210.8 (A) (4)			
Unfinished Basement	210.8 (A) (5)			
<b>SWIMMING POOLS</b>	<b>CODE SECTION</b>	<b>OK</b>	<b>REJ.</b>	<b>N/A</b>
Service Drop Over Pool	680.8			
Cord Connected Equip to Pool © Receptacles Around Pool Area	680.6A2 & 680.6A3			
Lighting Outdoor Around Pools	680.6B			
Grounding & Bonding Pad	680.25b (4) & 680.22 (B)			