

ICC (F12) Building Contractor (B) – Practice Test 03

76. If a single free standing pole for an antenna that is no greater than ____ feet does not need to be noncombustible.
- A. 25
 - B. 50
 - C. 75
 - D. 100
77. All ____ joints and seams shall be sealed as mandated by the International Mechanical code or M1601.4.1 of the International Residential Code.
- A. air handlers
 - B. ducts
 - C. filter boxes
 - D. all of the above
78. Software is used to generate a compliance report that must be submitted to the code official on the ____.
- A. proposed design
 - B. as-built condition of the building prior to issuance of the certificate of occupancy
 - C. either of the above
 - D. both of the above

Answer Key: ICC (F12) Building Contractor (B) Practice Test 03

Question	Ans.	Reference
41	B	International Residential Code - R606.3.1 Bed and head joints
42	C	International Residential Code - R606.5.3 Corbeled masonry supporting floor or roof framing members
43	D	International Residential Code - R606.12.3.3 Minimum reinforcement for masonry columns
44	C	International Residential Code - R1003.10 Wall thickness
45	B	International Building Code - 2103.1.1 Second-hand units
46	A	International Building Code - 2111.8 Lintel and throat
47	C	International Building Code - 2112.3 Footings and foundation
48	A	International Building Code - 2113.19 Chimney clearances
49	C	International Building Code - 1705.2.4 Cold-formed steel trusses spanning 60 feet or greater
50	A	International Building Code - 1705.12.3 Cold-formed steel light-frame construction, item 1
51	D	International Building Code - 2205.2.1.2 Seismic Design Category D, E or F
52	A	International Building Code - 2208.2 Seismic requirements for steel cable, item 1
53	C	International Building Code - 2211.3.3 Trusses spanning 60 feet or greater
54	C	International Building Code - 202 Definitions - Nominal Size (Lumber)
55	C	International Residential Code - R502.3.3 Floor cantilevers, Table R502.3.3(2)
56	C	International Residential Code - R507.5 Deck joists, Table R507.5
57	B	International Residential Code - R602.3.1 Stud size, height and spacing, Table R602.3(5)
58	A	International Residential Code - R602.3.4 Bottom (sole) plate
59	A	International Building Code - 2304.3.2 Framing over openings
60	B	International Building Code - 2304.9.3.2 Nailing
61	C	International Building Code - 2304.11.4 Floor decks
62	C	International Building Code - 2308.2.4 Ultimate wind speed
63	C	International Building Code - 2308.5.7 Bridging
64	B	International Building Code - 2308.6.3 Braced wall panel methods, Table 2308.6.1
65	D	International Building Code - 2308.7 Roof and ceiling framing
66	C	International Building Code - 2308.7.3.1 Ceiling joist and rafter connections, Table 2308.7.3.1
67	C	International Building Code - 2308.7.8 Blocking
68	D	International Residential Code - R308.6.8 Curbs for skylights
69	A	International Residential Code - R607.5.2.2 Channel-type restraints
70	A	International Residential Code - R607.8 Mortar
71	C	International Building Code - 2110.1.1 Limitations, Exception 1
72	C	International Residential Code - R603.2.5 Fastening
73	B	International Residential Code - R702.3.2 Wood framing
74	A	International Building Code - 2514.2 Minimum thickness
75	C	International Building Code - 3102.8.3 Support provisions
76	C	International Building Code - 3108.1 General
77	D	International Residential Code - N1103.3.2 (R403.3.2) Sealing (Mandatory)
78	D	International Residential Code - N1105.4.2 (R405.4.2) Compliance report

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Questions in the practice tests are categorized as shown in the table below:

Category	Questions
Administration	1-5 (5)
Building Planning	6-9 (4)
Plan Reading	none
Life Safety	10-16 (7)
Exterior Walls	17-19 (3)
Roof Assemblies and Rooftop Structures	20-26 (7)
Soils and Foundations	27-35 (9)
Concrete	36-39 (4)
Masonry	40-48 (9)
Steel	49-53 (5)
Wood	54-67 (14)
Glass and Glazing	68-71 (4)
Gypsum Board and Plaster	72-74 (3)
Special Construction	75-76 (2)
Energy Efficiency	77-78 (2)

Note that there is very limited information on energy efficiency in the *2015 International Building Code*. Instead Chapter 13 (Energy Efficiency) in the code states that “Buildings shall be designed and constructed in accordance with the *International Energy Conservation Code*.” In the *2015 International Residential Code* there are code requirements for energy efficiency in Chapter 11 (Energy Efficiency). It is expected that eventually those code requirements will be removed from the residential code and replaced with a similar statement to that in Chapter 13 of the building code.

Neither the building code nor the residential code have a section on Plan Reading and there are no questions on this subject in the tutorial or the practice tests. If you are not familiar with reading plans we suggest that you take a course or purchase a book on the subject. One good book is *Reading Architectural Plans for Residential and Commercial Construction*, Fifth Edition by Ernest R. Weidhaas. Studying from this book and working the exercises at the end of the book should give you a pretty good feel for reading plans.

All of the concrete questions come from the building code and the residential code. There is a separate study guide for the *2012 Concrete Manual* but there are no practice test questions for that document.