

MAJOR CHANGES IN THE 2014 NATIONAL ELECTRICAL CODE NFPA - 70

no.	analysis of changes	nec section	summary of change
1	Page 37 & 38	110.25	Added in Art. 110 to provide consistent requirements at one location for lockable disconnecting means rules.
2	Page 39 & 40	110.26(C)(3)	For panic hardware for personnel doors, the ampere threshold was lowered from 1200 amperes to 800 amperes. Another revision involved the term listed panic hardware, which replaced the previous list of specific hardware provided for this requirement.
3	page 50 & 51	210.8(A)(7)	GFCI protection is required within 6ft of all dwelling unit sinks (including kitchen sinks).
4	page 52	210.8(A)(9)	All 125 volt, single phase, 15 and 20 ampere receptacles installed within 6ft of the outside edge of the dwelling unit bathtub or shower stall requires GFCI protection.
5	Page 53	210.8(A)(10)	All dwelling unit laundry areas now require GFCI protection for 125 volt, single phase, 15 and 20 ampere receptacles, regardless of the presence of a sink or the distance from the same.
6	Page 54	210.8(B)(8)	GFCI protection for 125 volt, single phase, 15 and 20 ampere receptacles, regardless of the presence of a sink or the distance from the same.
7	Page 55 & 56	210.8(D)	GFCI protection is now required for all outlets that supply dishwashers installed in dwelling units.
8	Page 57	210.12	AFCI devices are required to be installed in a readily accessible location.
9	Page 58 & 59	210.12(A)	AFCI protection expanded to kitchen and laundry areas.
10	page 60-63	210.12(A1-A6)	AFCI protection methods were expanded and language was put into a list format. Provisions for outlet branch circuit (OBC) AFCI devices were expanded.
11	Page 68	210.17	Outlet(s) installed for the purpose of charging electric vehicles are required to be supplied by a separate branch circuit with no other outlets.
12	page 73 & 74	210.52	Receptacle provisions for basements, garages, and accessory buildings were revised into a list format. A branch circuit supplying garage receptacle(s) is to supply only the garage. Receptacles are required for each car space in a garage.
13	page 75	210.64	At least one 125 volt, single phase, 15 or 20 ampere rated receptacle shall be installed within 50ft of the electrical service equipment.
14	page 82	230.82(3)	For "Equipment Connected to the Supply Side of Service Disconnect", provisions for a meter disconnect switch were revised by adding a label requirement to indicate "(METER DISCONNECT NOT SERVICE EQUIPMENT)."
15	Page 102 & 103	250.102 (C)	New table 250.102(C) was added to be used for sizing grounded conductors, main bonding jumpers, systems bonding jumpers, and supply side bonding jumpers, rather than table 250.66.
16	Page 104 & 105	250.122(B)	Wire type equipment grounding conductors are required to be increased in size when the minimum sized ungrounded conductors are increased in size.
17	Page 165 & 166	404.2(C)	Requirements and exceptions for the grounded conductor at switching locations have been revised into positive text and rearranged into a list format.
18	Page 175 & 176	406.9(B)(1)	Extra Duty Covers are now required for all 15 and 20

			ampere, 125 and 250 volt receptacles installed in a wet location (not just for those supported from grade). This requirement also included dwelling unit wet location receptacles as well.
19	Page 177 & 178	406.12	All nonlocking type 125 volt, 15 and 20 ampere receptacles in hotel/motel guest rooms/suites and child care facilities are required to be listed tamper resistant receptacles.
20	Page 191 & 192	422.5	GFCI devices providing protection to appliances in Article 422 are required to be installed in readily accessible locations.
21	Page 198 & 199	422.51	GFCI protection has been expanded to hard wired vending machines as well as to cord and plug connected vending machines.
22	Page 211 & 212	440.9	A wire type equipment grounding conductor is now required for outdoor HVAC.
23	Page 217 & 218	445.2	New GFCI requirements were added for portable generators and associated 125 volt, single phase, 15 or 20 amperes receptacles.
24	Page 232	517.18(A)	All receptacles or the cover plate supplied from the critical branch are required to have distinctive color or marking so as to be readily identifiable. Marking is also to indicate the panel board and branch circuit number supplying them.
25	Page 254 & 255	590.4(J)	Cable assemblies and flexible cords installed as branch circuits or feeders are now prohibited from being installed or laid on the floor or the ground for temporary installations such as construction sites. (This does not include extension cords.)
26	Page 258 & 259	600.6(A)(1)	Disconnect is required to be located at the point feeder(s) or branch circuit(s) supplying a sign or outline lighting systems enters a sign enclosure or pole. This new language requires disconnection of all wiring where it enters the enclosure of the sign or pole.
27	Page 275	680.21(C)	All single phase, 120 volt through 240 volt outlets supplying pool pump motors now require GFCI protection (regardless of ampacity.)
28	Page 280 & 281	680.22(B)(6)	Specific low voltage luminaires are now permitted to be installed within 5 ft of the inside walls of permanently installed pools.
29 30	Page 284 & 285 Page 286 & 287	680.26(C) 680.42(B)	The requirement for "bonding" of pool was has been revised. Equipotential bonding of perimeter surfaces is not required for outdoor spas and hot tubs with (4) specific conditions that must be met.
31	Page 299 & 300	690.12	New provisions were added for rapid shutdown of PV systems on buildings
32	Page 303	690.35(C)	Ground fault protection for ungrounded PV systems is required to be listed.
33	Page 306&307	690.47(D)	An auxiliary grounding electrode system is required to be installed in accordance with 250.52 and 250.54 at all ground and pole mounted PV arrays and as close to practicable to roof mounted PV arrays.