

## Electrical Rough/Energy Inspection Checklist

This checklist is not to be construed as all-inclusive; it is only to be used as a guideline.

CODE ITEM	CODE	SECTION
Required outlet spacing /location	2021 IRC	E3901
Required outlets/switches –circuits Kitchen counter top spacing	2021 IRC	E3901
Protection of wires run through framing/studs	2021 IRC	E3610
Support of NM cables (staples)	2020 NEC	314.23 334
NM cable in wet locations /kitchen islands (not allowed)	2021 IRC	E3907
Grouping/bundling of cables (no more than 4- #12 & #14)	2021 IRC	Ch. 37
Damaged, pinched or torn cables	2021 IRC	E3404.10
Sealing penetrations top plates and fire blocking	2021 IRC	Ch. 3
Recessed lighting fixtures –clearances /energy	2020 NEC	410
Bonding of metal boxes /ground pigtails/grounding	2021 IRC	E3609
Ceiling fan rated boxes	2020 NEC	314.27
Smoke/fire alarm locations	2021 IRC	R314

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Attic space requirements: switches, service outlet, a/c disconnect & exhaust fan controls	2020 NEC	210.70 210.63 320.23
Jacuzzi tub requirements: circuits, GFCI & bonding	2021 IRC	E3902
Conductor fill for boxes/number or cables in box	2020 NEC	314.16
Panel service conductor size	2021 IRC	E3706
Neutral identification (white tape)	2021 IRC	E3407
One neutral per termination point on bar/buss Grounds may be doubled	2020 NEC	408.41
Sub-panel isolation/no bond at to neutral at sub-panel	2020 NEC	250.24
Coverage of panel during construction	2020 NEC	110.12
Bonding/grounding: all metal enclosures/cold water bonding	2021 IRC	E3607
Concrete encased electrode/other electrodes/access	2021 IRC	E3608
Panel identification/markings—phases/amps/voltage	2021 IRC	E3706
Panel maximum 42 circuits	2020 NEC	408.54