



Building Services
808 West Spokane Falls Blvd
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EL-09
Concrete-Encased
Electrode
(ufer ground)

NEC Article 250.52 (A) (3)

Concrete-Encased Electrode. An electrode encased by at least 50 mm (2 in) of concrete, located within and near the bottom of a concrete foundation or footing that is in direct contact with the earth, consisting of at least 6.0 mm (20 ft) of one or more bare or zinc galvanized or other electrically conductive coated steel reinforcing bars or rods of not less than 13 mm (1/2 in) in diameter, or consisting of at least 6.0 mm (20 ft) of bare copper conductor not smaller than 4 awg. Reinforcing bars shall be permitted to be bonded together by the usual steel tie wire or other effective means.

REQUIREMENTS FOR REBAR STUBBED UP FOR GROUNDING CONNECTION

