



## Occupational Safety & Health Administration (OSHA)

### 29 CFR 1926.404 (b)(1)(ii) – Wiring design and protection

**Ground-fault circuit interrupters.** All 120-volt, single-phase, 15- and 20-ampere receptacle outlets on construction sites, which are not a part of the permanent wiring of the building or structure and which are in use by employees, shall have approved ground-fault circuit interrupters for personal protection. Receptacles on a two-wire, single-phase portable or vehicle-mounted generator rated not more than 5 kW, where the circuit conductors of the generator are insulated from the generator frame and all other grounded surfaces, need not be protected with ground-fault circuit interrupters.

### 29 CFR 1926.405 (a)(2)(ii)(G) – Wiring methods, components, and equipment for general use

Portable electric lighting used in wet and/or conductive locations, as for example, drums, tanks, and vessels, shall be operated at 12 volts or less. However, 120-volt lights may be used if protected by a ground-fault circuit.