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## 29 C.F.R. § 1926.965

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### Underground electrical installations.

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- (a) *Application.* This section provides additional requirements for work on underground electrical installations.
- (b) *Access.* The employer shall ensure that employees use a ladder or other climbing device to enter and exit a manhole or subsurface vault exceeding 1.22 meters (4 feet) in depth. No employee may climb into or out of a manhole or vault by stepping on cables or hangers.
- (c) *Lowering equipment into manholes—(1) Hoisting equipment.* Equipment used to lower materials and tools into manholes or vaults shall be capable of supporting the weight to be lowered and shall be checked for defects before use.
- (2) *Clear the area of employees.* Before anyone lowers tools or material into the opening for a manhole or vault, each employee working in the manhole or vault shall be clear of the area directly under the opening.
- (d) *Attendants for manholes and vaults—(1) When required.* While work is being performed in a manhole or vault containing energized electric equipment, an employee with first-aid training shall be available on the surface in the immediate vicinity of the manhole or vault entrance to render emergency assistance.

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