
29 C.F.R. § 1926.967

Special conditions.

(a) *Capacitors.* The following additional requirements apply to work on capacitors and on lines connected to capacitors.

Note to paragraph (a):

See §§ 1926.961 and 1926.962 for requirements pertaining to the deenergizing and grounding of capacitor installations.

(1) *Disconnect from energized source.* Before employees work on capacitors, the employer shall disconnect the capacitors from energized sources and short circuit the capacitors. The employer shall ensure that the employee short circuiting the capacitors waits at least 5 minutes from the time of disconnection before applying the short circuit,

(2) *Short circuiting units.* Before employees handle the units, the employer shall short circuit each unit in series-parallel capacitor banks between all terminals and the capacitor case or its rack. If the cases of capacitors are on ungrounded substation racks, the employer shall bond the racks to ground.

(3) *Short circuiting connected lines.* The employer shall short circuit any line connected to capacitors before the line is treated as deenergized.

(b) *Current transformer secondaries.* The employer shall ensure that employees do not open the secondary of a current transformer while the transformer is energized. If the employer cannot deenergize the primary of the current transformer before employees perform work on an instrument, a relay, or other section of a current transformer secondary circuit, the employer shall bridge the circuit so that the current transformer secondary does not experience an open-circuit condition.

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