

MSHA's Top 5 Electrical Violations

#1

§ 56.12004 Electrical conductors. Electrical conductors shall be of a sufficient size and current-carrying capacity to ensure that a rise in temperature resulting from normal operations will not damage the insulating materials. Electrical conductors exposed to mechanical damage shall be protected.



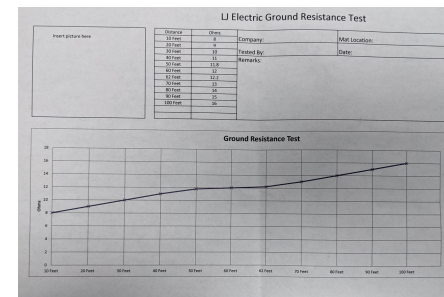
#2

2. § 56.12032 Inspection and cover plates. Inspection and cover plates on electrical equipment and junction boxes shall be kept in place at all times except during testing or repairs.



#3

3. § 56.12028 Testing grounding systems. Continuity and resistance of grounding systems shall be tested immediately after installation, repair, and modification; and annually thereafter. A record of the resistance measured during the most recent tests shall be made available on a request by the Secretary or his duly authorized representative.



#4

4. § 56.12008 Insulation and fittings for power wires and cables. Power wires and cables shall be insulated adequately where they pass into or out of electrical compartments. Cables shall enter metal frames of motors, splice boxes, and electrical compartments only through proper fittings. When insulated wires, other than cables, pass through metal frames, the holes shall be substantially bushed with insulated bushings.



#5

5. § 56.12018 Identification of power switches. Principal power switches shall be labeled to show which units they control, unless identification can be made readily by location.

