

# CAUTION

## Know the Rule: Under Voltage Protection

Accidental restarting of equipment after a power failure or interruption is a serious hazard to any person who uses a power tool without knowing the safety features. In fact, the odds of dying from such an incident in 2005 were 1 in 1,681

- **OSHA 29 CFR 1910.213 (b) (3) \***

- On applications where injury to the operator might result if motors (120 & 240 Volt) were to restart after a power failure, provisions shall be made to prevent machines from automatically restarting upon restoration of power.

- **NFPA 79, Chp.7, para. 7.5.3**

- Restarting. Upon restoration of voltage or upon switching on the incoming supply, automatic or unintentional restarting of the machine shall be prevented when such a restart can cause a hazardous condition
- Appendix A. Undervoltage Protection. The principal objective of this device is to prevent automatic restarting of the equipment.

- **Under Voltage Device**

- Not always designed into tools & equipment.
- May be purchased as an attachment (*see device in center of collage*) from most reputable companies. Cost: Approx. \$95.00
- Always ask vendor before you buy if the tool is equipped with “Under Voltage Protection”.



**Under Voltage**



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