**OSHA Electrical Safety Standard 1926.431**

This standard relates to equipment upkeep and maintenance. If employers don't inspect, repair, and upgrade their machinery, that can lead to failure and electrical injury or death. This [specific standard](https://www.osha.gov/laws-regs/regulations/standardnumber/1926/1926.431) refers to the construction industry, but the recommendations work well for all job sites.  
  
Some elements of standard 1926.431 include:

* **Explosion-Proofing-** Employers must maintain equipment so that there is little to no risk of an explosion due to electrical malfunction.
* **Dust Proofing-** Dust can get into machinery and cause various problems, both mechanical and electrical. Employers must protect all gear from dust-related incidents that could lead to an explosion or electrical arc.
* **General Maintenance and Upkeep-** Employers and employees must monitor equipment and machinery to watch out for loose screws, gaskets, and other pieces that may interfere with dust and explosion prevention.
* **Reporting and Repair-** If a worker spots any issues with machinery, they have to report to a supervisor immediately. Once a report is filed, the employer must stop using the circuit until the problem is fixed.