

LOCK-OUT TAG-OUT: (LOTO)



In cement plants, there are primarily three types of energy: electrical, physical--including air and hydraulic--and thermal.

CRITICAL PRECAUTIONS INCLUDE:

01

If a guard on a conveyor belt must be removed, then the miner must place a lock and personal tag on the power source and then try to start it to ensure all power is off .

02

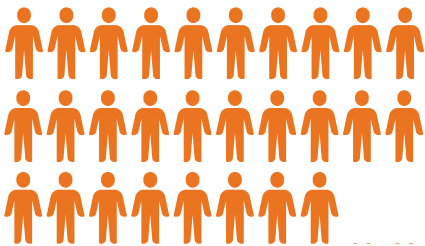
Miners must ensure all body parts, especially arms, do not contact moving machine parts.

03

Miners must wear PPE that protects for the type of energy that may be encountered.

04

If an employee is not qualified to do the work, especially electrical work, then that person must not attempt it.



From 2005-2015, 28 metal and nonmetal miners died in electrical and machinery accidents in which power was not disconnected and locked out before work started on the equipment.

