

Arc Flash Hazard Awareness For Custodians



What Is An Arc Flash?

An arc flash is an undesired electric discharge that travels through the air between conductors or from a conductor to a ground. The resulting explosion can cause fires and serious harm to equipment and people.



• The potential results

- Death
- Ruptured eardrums
- Damaged vision
- Severe burns
- Fall injuries
- Surrounding equipment damaged or destroyed
- Facility shutdown



ARC Flash Example



Another ARC Flash example



This could be you!!!



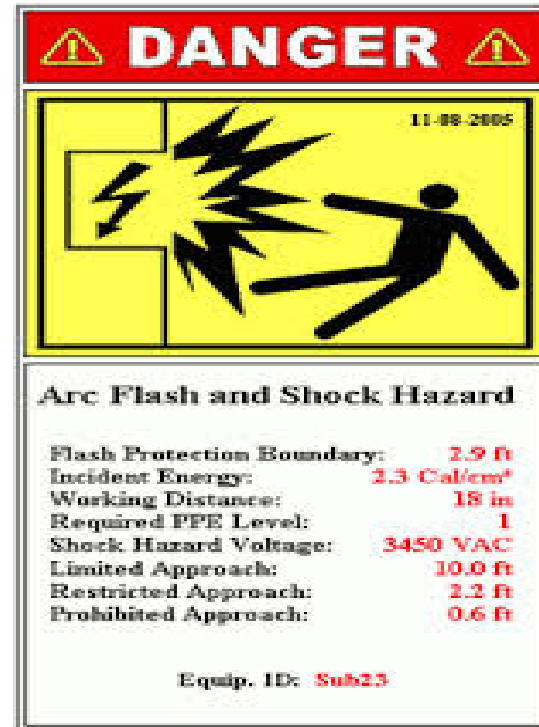
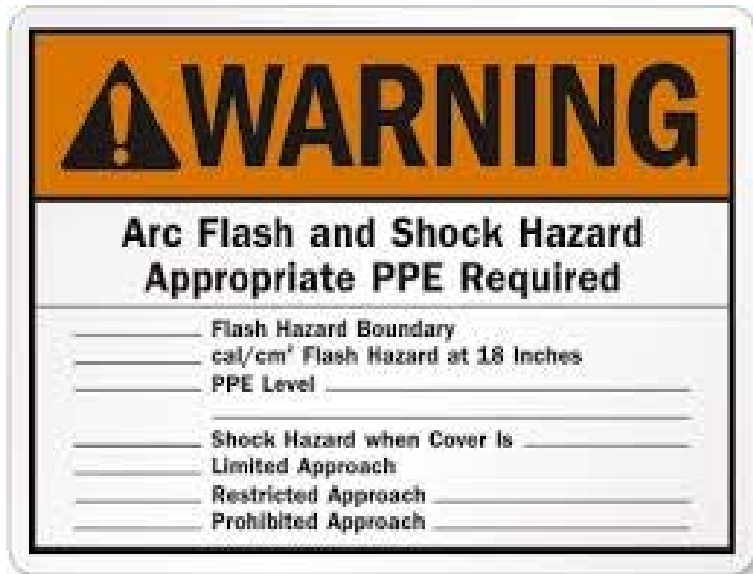
Pay attention to **Warning Signs**

Custodians
Are **NOT**
“Authorized
Personnel”
And should



NOT ENTER rooms labeled as such.

Warning Signs you may see



Do Not Enter this type of room and
Do Not Touch This Equipment

No Storage



Do Not Operate Disconnect Switches



Chiller Room

DO NOT ENTER

No Storage



DO NOT ENTER

No Storage



Do Not Enter Cooling Tower Yards



These types of breakers are OK for custodians to reset



This is one type of a lock out tag out device used by a service technician when service is being performed

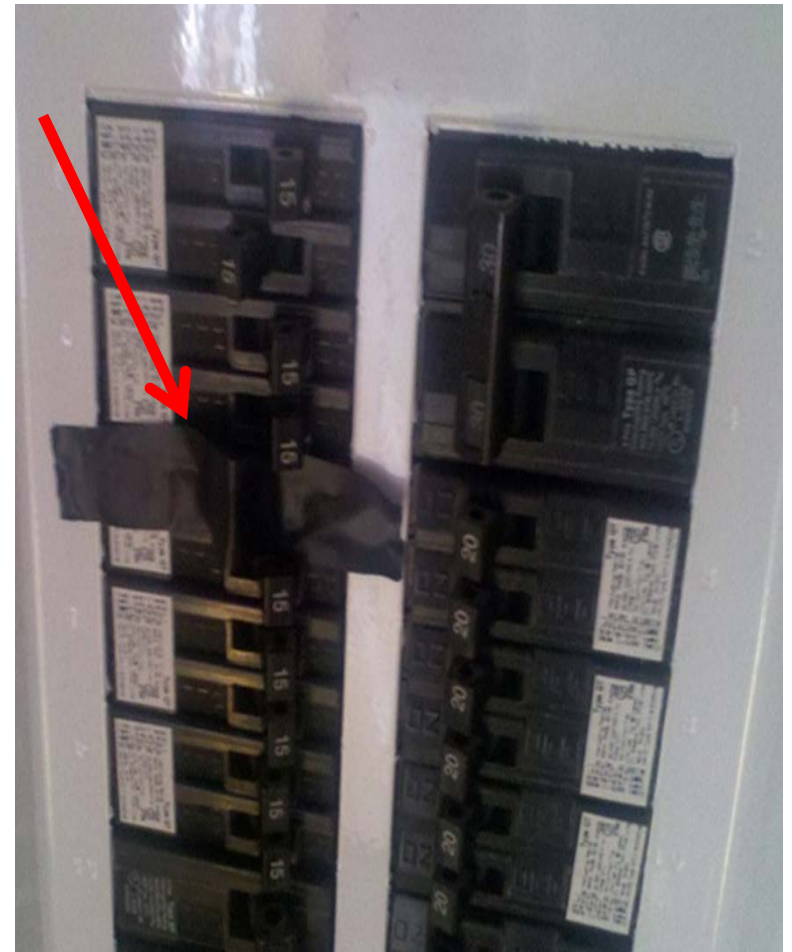
DO NOT

tamper with it
or try to reset
the breaker when
present



If you see a breaker taped closed

DO NOT RESET IT



REMEMBER to keep all electrical and
mechanical rooms

LOKCKED at ALL TIMES

- Florida Building code 423.17.2 requires that
"Main service panels and switches, electrical
distribution panels, cabinets, and rooms **shall be
lockable and not readily accessible to teachers
or students.**"

