11/15/2019

 **ELECTROCUTION**

**Aluminum ladders**

Aluminum ladders are conductors of electricity and their use should never be used on a construction project.

**GFCI Protection – 100%**

GFCI protection is required on all 120 volt 15 and 20 amp circuits which are used for temporary power.

If GFCI’s are not used the contractor can use the assured grounding program

Welding machine receptacles, generators and house power receptacles should also be protected by GFCI’s.

**Lockout / Tag-out Programs**

Electrical contractors should all have a complete and comprehensive lockout / tag-out program. All trades on site should always respect a lockout / tag-out; it shall only be removed by the individual that put it in place.

**Temporary Lighting**

It is everyone’s duty to protect the temporary lighting on the project and report areas that are too dark to work in.

Temporary lighting should be at least 7 feet above the floor and guards should be in place on each lamp.

**Electrical work to be done by electricians**

Do not attempt to tamper with, repair or work on electrical systems unless you are qualified and authorized to do so.

**Overhead / underground power hazards**

All trades should be aware of the electrical hazards in their work areas. Care should be taken and the minimum clearances should be observed when working around overhead power lines.

Underground feeders should be located prior to digging on any project.

**Signage “Danger”**

Danger Signs or High Voltage signage should be in place to inform others of electrical hazards.

**Testing of circuits and equipment**

Circuits and equipment should be tested to assure they are de-energized, no one should ever assume that electrical systems or apparatuses are off.