

SAFETY BULLETIN

Grounding Equipment

Entergy has recently learned of an off system fatality involving rear alley equipment. The remote control for the equipment was broken and the worker, while standing on the ground, was operating the equipment with the control handles on the machine when it became energized. All rear alley equipment being operated within minimum approach distance of energized circuits shall be operated by means of remote control or an equal potential zone, EPZ, shall be established when workers are standing on the ground operating equipment. We need to inspect all alley machines and track machines to make sure they are equipped with a 4/0 ground cable and a proper place to connect it to the machine. Employees are being asked to review all safety rules that apply while using this type of equipment along with digger derricks as well. See safety rules below.

8.18 - If it is physically possible to contact energized line or equipment with any part of boom or load the unit **shall** be grounded, barricaded, and considered energized. Aerial lifts units with insulated upper and lower booms where the working voltage has been annually tested and rated for the voltage being worked, are exempt (see definition "Working Voltages").

10. 73 - All ground personnel **shall** stay clear of the unit when the machine is in operation.

15.76 - When working an un-insulated boom near energized lines, a designated observer other than the operator **shall** observe the approach distance of the boom or load and give timely warning if approach distances are violated.

15.84 - When cranes, hoist, or similar lifting devices are used where there are energized lines/equipment in the area to be approached; the unit **shall** be grounded, barricaded, and considered energized. This includes poles and pole trailers that are attached to the unit.

15.85 - Anytime the ground person has to go inside the barricaded area, or touch any portion of the grounded unit, they **shall** notify the operator and stop operations. All precautions such as wearing rubber gloves or moving the boom to a clear area **shall** be taken.

15.90 - All equipment-grounding cables **shall** be a minimum of 4/0 copper.