

Energized Equipment Barriers for Temporary Work

Distribution Company Awareness

ESA is issuing a Flash Notice to highlight Regulation 22/04 requirements with respect to work situations where energized (i.e. live) installations cannot be completed before the work crew leaves a job site. This flash notice focuses on work in proximity to the demarcation point with the customer, where the customer requests disconnection from the Distributor.

The figures below depict atypical, temporary work, accessible to the public, where energized parts and/or conductors were not placed behind typical end-of-construction barriers, when the Distributor's work crews left the job site.



Figure 1



Figure 2



Figure 3

In all cases (i.e. not just common temporary installations) where the customer requests disconnection from the Distributor, the disconnection shall reflect good utility practice and consider safety as a primary requirement.

The Distributor Bulletin entitled “Energized Temporary Distribution Work” contains ESA Direction and states “**For temporary electrical installations that are common occurrences where the equipment is to be energized**, in order to maintain compliance with Regulation 22/04 Electrical Distributors shall comply with all sections of Regulation 22/04.”

For common temporary installations, all sections of Regulation 22/04 (most notably Sections 6, 7 & 8) shall be complied with. Electrical Distributors are expected to have approved plans, drawings or specifications (sometimes referred to as ‘work instructions’) that ensure

- a. No energized parts or conductors are in the equipment that the customer or Licensed Electrical Contractor (LEC) is expected to be working on or in; or
- b. Barriers (e.g. mechanical protection) exist that are suitable for the situation and hazards to which the live parts and conductors are reasonably expected to be exposed.