

Energized Temporary Distribution Work

Distribution Company Awareness

This bulletin provides direction for emergency work situations where energized (i.e. live) installations cannot be completed before the work crew leaves a job site. This can include circumstances such as a lack of necessary equipment, lack of material, time constraint issues or similar situations. In any of these situations, the Electrical Distributor is still required to ensure that the site is left in a safe condition, in order to comply with Regulation 22/04.

The pictures below demonstrate energized installations which may be common temporary construction methods for an Electrical Distributor. Figure 1 and Figure 2 show mechanical protection of temporary cable-runs above grade. Figure 3 shows a boom truck supporting a pole.



Figure 1 (Top left), Figure 2 (Bottom left), Figure 3 (Right)

ESA Direction

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. This bulletin highlights Sections 6, 7, 8 specifically.

- **Section 6** - The equipment shall be approved for use as part of a distribution system.
- **Section 7** – The electrical installation shall have approved plans, standard design drawings or standard design specifications.
- **Section 8** – The construction of the system shall be inspected and approved through a record of inspection and certificate.

ESA Recommends

- Review all temporary construction practices to determine which ones are common occurrences, and provide approved plans, drawings and/or specifications for the work;
- Create and approve plans, drawings and/or specifications for temporary installations including ones that are **not** considered to be common occurrences
- Review with staff (as per the Electrical Distributor’s Construction Verification Program) the requirements of Reg 22/04 Sections 6, 7 and 8 for common temporary installations, and the definitions of “No undue hazard” or “site left in safe condition”