

Major Equipment Refurbishment

Distribution Company Awareness

ESA received a request to review an LDC generated refurbishment agreement for major equipment (equipment approval) and make comment with respect to its compliance to Regulation 22/04. The result and lessons learned from the review have been documented in this bulletin.

This bulletin contains a generalized version of the practice for the Stakeholder's reference, on the following pages, that LDCs may wish to use to ensure/verify they are in compliance with Regulation 22/04. The published Guideline entitled "Technical Guideline for Equipment, Design and Construction" provides further direction and options on the topic of equipment approvals (references include Sections 2.7.2, 2.7.4 and 2.7.6).

Regulation 22/04 Guideline Excerpts

2.7.6 Good Utility Practice for Major Equipment used for Maintenance or Reuse:

How and when can *Good Utility Practice* be used to approve major equipment for the purpose of maintaining or reusing existing *electrical equipment* under the rule of the *distributor*?

For equipment to be sent for testing (to confirm equipment functionality) or to be repaired (where the repair does **not** affect the ability of the equipment to fail in a safe manner **or** the repair meets or exceeds the manufacturer's design) the process shall include the inspection of used equipment. The inspection will be completed and documented by a *competent person* to confirm that there is *no undue hazard*. If the repair or work may affect the ability of the equipment to fail in a safe manner *Good Utility Practice* may not be used (See Rule 2-024 or Section 2.72 for approval options).

ESA Recommends

ESA recommends that LDCs review current refurbishment agreements/process/practices and ensure they are in compliance with Regulation 22/04. Some of the lessons learned from reviewing the LDCs practice are highlighted below.

1. "Distributor Developed Specifications" shall detail Requirements and not Expectations.
2. "Distributor Developed Specifications" shall detail what tests are to be performed.

3. Declaring that equipment is “tested to” a test is insufficient in a specification. The equipment is to meet or exceed a defined outcome.
4. Declarations of compliance shall be made to the Regulation and not the Guidelines.
5. Reference shall be made to identify all the equipment (e.g. by serial number) which is undergoing the LDCs approval process.