

FIELD EVALUATION FOR ELECTRICAL PRODUCTS

U.S. National Electric Code (NEC)* requires that all “conductors and equipment” must be “approved,” “identified,” “listed,” or “labeled”

To remove unnecessary delays and non-compliances, Intertek delivers a 3 step process reducing all issues before shipping to the U.S.A. - Simple as One, Two, Three!



PRELIMINARY DESIGN REVIEW

Electrical component lists and overall documentation are submitted to Intertek experts for review to identify issues. For manufacturers who are unsure about the overall compliance of their product, the optional design review expedites the approval process by identifying any foreseeable issues. This often allows manufacturers to source new components and revise designs before purchasing and manufacturing equipment.

PRELIMINARY INSPECTION

Prior to shipping the equipment, an inspection should be scheduled and performed at the OEMs facility. The inspection report will identify possible issues or noncompliances that will need to be resolved prior to final inspections. Additionally, the report will identify what additional onsite testing will be required.

This inspection reduces the uncertainty of product compliance and provides a clear list of items to be checked onsite.



ONSITE INSPECTION, TESTING AND LABELING

Based on the preliminary inspection of the equipment and technical file, a final inspection is scheduled once the equipment has been 100% installed. An Intertek expert will evaluate and test the equipment at the final installation. If the product is found compliant a serialized label is applied and a letter of compliance is issued which includes a description of the equipment, the standard(s) utilized in the evaluation, the tests performed, and the label number(s) applied. Note: The equipment may not be changed or moved after the evaluation.



*NFPA 70:2023 - Article 110.2

FOR MORE INFORMATION



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