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A Guide to Unlisted Equipment

Shorty Esch

9/27/22



uipment



What is "listed" Equipment?

- When we say "listed" we mean NRTL certified equipment.
- NRTL - Nationally Recognized Testing Laboratory. An independent laboratory recognized by the Occupational Safety and Health Administration (OSHA) to test products to applicable product safety standards.
- OSHA requires NRTL listed equipment to be used in commercial settings.



Do I need listed equipment? **YES**



Governing policy P101-13:

5.1.6 Purchasing and Procurement Requirements for Nationally Recognized Testing Laboratory (NRTL)-Listed Equipment

NRTL-listed equipment must be specified, purchased and used if available. For new or replacement equipment, an NRTL-listed product must be purchased instead of an unlisted product if both exist. All NRTL-listed equipment must be used in accordance with any instructions required by the manufacturer included in the listing or labeling for its intended purpose. Otherwise, the equipment must be treated as unlisted and must be approved per the requirements in this document.

Do I need listed equipment?



5.1.1 Summary

A. All electrical equipment that contains or produces hazardous electrical energy (classes X.2 and above) used at LANL must be listed by a Nationally Recognized Testing Laboratory (NRTL) or approved by an Electrical Safety Officer (ESO) before use. NRTL listed equipment that has been modified or used outside of its intended use (as determined by the listing) must also be approved by an ESO before use.

How do I know if equipment is NRTL listed?



I really really need it !!!

- Absolutely need the item !
- Can't find it anywhere as listed item.
- What am I going to do?
- **KEEP CALM, take a deep breath and call your ESO**
- The ESO will examine the item and if possible approve your equipment.



Fig. 5-1. Current LANL Equipment Approval Label



Fig. 5-2. Other variations of the LANL Equipment Approval Label

Helpful Tips and Tricks for Equipment Purchase



1. Communicate with your ESO.
2. Involve the ESO **BEFORE** you purchase.
3. The ESO will help you with the right product.
4. The ESO will advise you on required work safety documentations.
5. Know your ESO got to esc.lanl.gov for a list of ESOs, call Shorty 5-3713.
6. When in doubt call the subject matter expert or the person who knows the SME's phone number.