

Fact Sheet # 7 - Electrical Equipment, NRTL Requirements and the BNL EEI Program

Do your part to avoid hazards associated with electrical equipment

Purchase NRTL equipment when available

Use equipment only if NRTL listed, pre-approved by the LESC or approved by a BNL Electrical Equipment Inspector

Do not use equipment with a red (rejected) sticker

BNL is required to purchase Nationally Recognized Testing Laboratory (NRTL) listed electrical equipment whenever possible. Any equipment that is not NRTL listed or pre-approved by the Laboratory Electrical Safety Committee, including equipment built at BNL, must be reviewed and approved through the Electrical Equipment Inspection (EEI) program.

During the inspection process, a barcode and a sticker are attached indicating the current status of that equipment. These stickers are shown below.

Equipment with a red (rejected) sticker must not be used. This equipment has been found to pose an unacceptable electrical hazard to those coming in contact with the equipment.

You can avoid delays by dealing with rejected equipment immediately.

- If you need to use equipment with a red sticker, contact your ESH Coordinator.
- To arrange for equipment review:
 - contact an approved EEI inspector from the list on the Laboratory Electrical Safety Committee web page at <http://www.bnl.gov/esh/esc/> or
 - check the EEI database on the Safety Engineering Group (SEG) web page at <https://intranet.bnl.gov/esh/shsd/seg/>
- To check the status of equipment, visit the EEI database on the SEG web page.

You can find the steps you must take to have non-NRTL equipment inspected in Section 7 of the Electrical Safety Subject Area in SBMS. For a link to the list of LESC pre-approved equipment, see the SEG web page. If you have any questions, contact the Laboratory Electrical Safety Officer.

Green	Approved
Yellow	Conditional Approval (as documented on the review form)
Blue	NRTL (for items which have been approved by an NRTL and the NRTL marking is not readily visible in installed location)
Blue	DNA/NIS (does not apply/not in system)
Red	Rejected (Equipment must not be in use)

BNL Electrical Equipment Status

