

# End Station B Safety Orientation:

This document describes the minimum training and documents the individualized area-specific hazard review for people working within the NLCTA and persons working within End Station B.

This document applies to:

- Experimenters, users, contractors, vacuum technicians, maintenance personnel

The following people do not need to satisfy these requirements:

- Guests and visitors of a qualified person where the visit is limited in duration, and where the visitor will not be doing any work,
- Maintenance personnel whose activities are: a) known to the persons supervisor, b) reviewed and approved by the Area Manager and c) believed to be normal and routine work for the individual. The area manager, safety office, or any member of the operations group can require any individual to satisfy these requirements.

Individual's Name: \_\_\_\_\_

Email address: \_\_\_\_\_

Today's Date: \_\_\_\_\_

Supervisor's Name: \_\_\_\_\_

Supervisor's Signature:<sup>1</sup> \_\_\_\_\_

Upon completion of this form:

- Enter the individual's name on the training logsheet posted at <where?>.
- Place a copy into the appropriate section of the NLCTA Operators Training Log in the NLCTA control room.

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<sup>1</sup> If supervisor approval was obtained by phone, the NLCTA Operator should write "Approved By Phone" and co-sign his/her own name in the space provided.

**Minimum Training Requirements:**

1. SLAC EOESH and GERT radiological training
2. Individual must read the building Area Hazard Analysis document posted on the ESH website and also posted at each entrance.

**Area-Specific Facility Tour Review:**

A member of the NLCTA Group must discuss and point out the area-specific hazards for the End Station. This “walkabout” will include the following discussion points:

1. The role and responsibility of the NLCTA Group including the Safety Office and the Area Manager to control work in the area. The NLCTA Directives will be mentioned, and are available for review if necessary.
2. Location of emergency call in list. Location of logbook.
3. Existence of additional emergency contact information with Security (x2551) and with MCC (x2151).
4. Existence of 7:30 tailgate project planning meeting. Discussion of what projects need to be reviewed in the meeting.
5. Location of klystrons and modulators. Discussion of safety issues associated with high-power modulators. Discuss the safety issues associated with high-power rf systems.
6. Introduction to circuit breakers and premises wiring. Introduction to flash hazard warnings and signage.
7. Introduction to crane operations in the end station. Note specifically:
  - Hardhats are required when working near or under any active crane operation.
  - As a crane operator, it is your responsibility to inform affected personnel and to only proceed with operations when all safety measures are taken.
  - Crane operators must satisfy requirements of Crane Inspection Checklist and complete Crane Log prior to using crane.
  - Crane operations will require an approved Lifting Procedure.
8. Ladder safety discussion. Determine if worker has taken ladder safety training, or will be using ladders.
9. Describe high-sensitivity smoke detection systems. Identify locations of sensors.
10. Location and description of fire-fighting equipment. Discuss presence of halogen-type fire extinguishers.
11. Location of Carbon Dioxide fire suppression equipment.
12. Location of building power shutoff.
13. Locations of hazardous waste containers. Identify major users of hazardous materials (insulating oil and Beryllium).
14. Location and contents of spill response kit.
15. Review of tunnel safety measures. Electrical hazards, radiological protections.

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NLCTA Operations Manager	Date
_____	_____
NLCTA Safety Officer	Date