



# Radiological Posting Review

Radiation Protection Department

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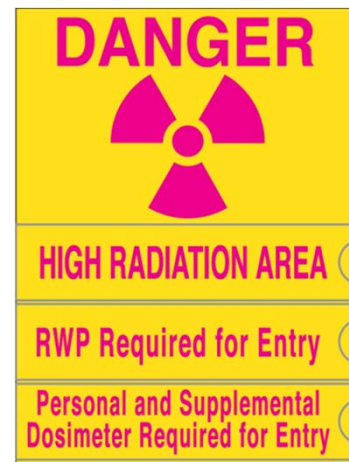
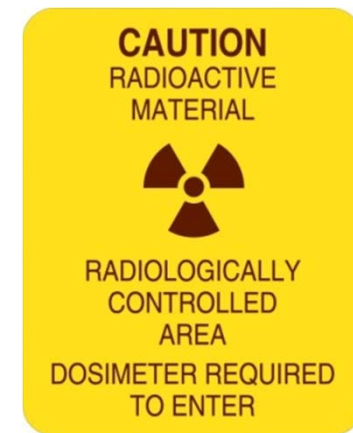


# Topics Covered

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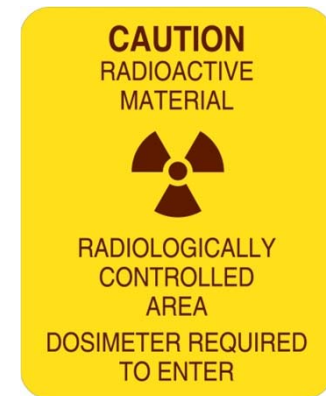
- ❑ Common SLAC radiological posting signs
- ❑ Areas for GERT qualified person to enter
- ❑ Areas for RWT-I qualified person to enter
- ❑ Areas for RWT-II qualified person to enter
- ❑ Radiological Work Permit (RWP) requirements
- ❑ Other special posting sign

# Common Radiological Posting Signs



# Areas GERT Qualified Persons May Enter

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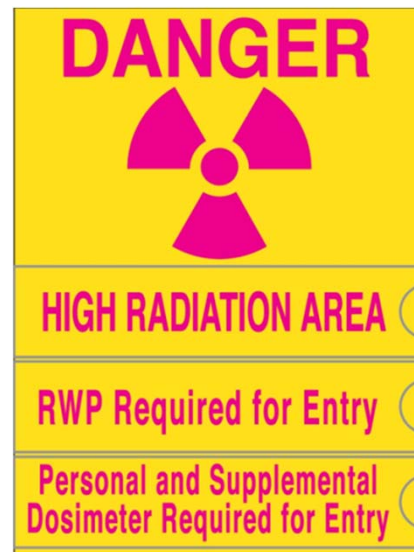
**Controlled Area:** A dosimeter is Not required

**Radiologically Controlled Area (RCA):** a dosimeter is required

These areas may contain radioactive materials

Persons working in these areas are not expected to receive more than 100 mrem in a year

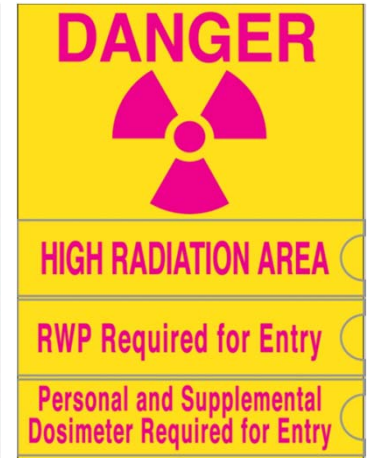
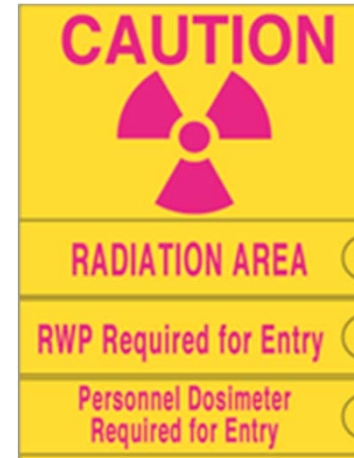
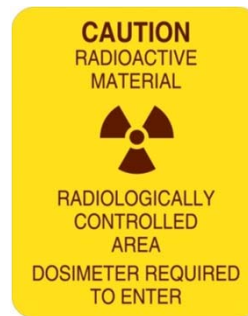
# Areas GERT Qualified Persons are NOT authorized to enter



The GERT qualification does NOT authorize you to enter radiological areas, which are posted as a:

- Radiation area
- High radiation area
- Contamination area

# Areas RWT-I Qualified Persons May Enter



## **Radiation Area:**

Radiological Work Permit (RWP) review and signature for entry

Personnel Dosimeter

Additional Requirements may be posted on Sign and in RWP

## **High Radiation Area:**

RWP review and signature for entry

Personnel and Supplemental Dosimeter

Additional Requirements may be posted on Sign and in RWP

# Areas RWT-II Qualified Persons May Enter (in Addition to RWT-I)

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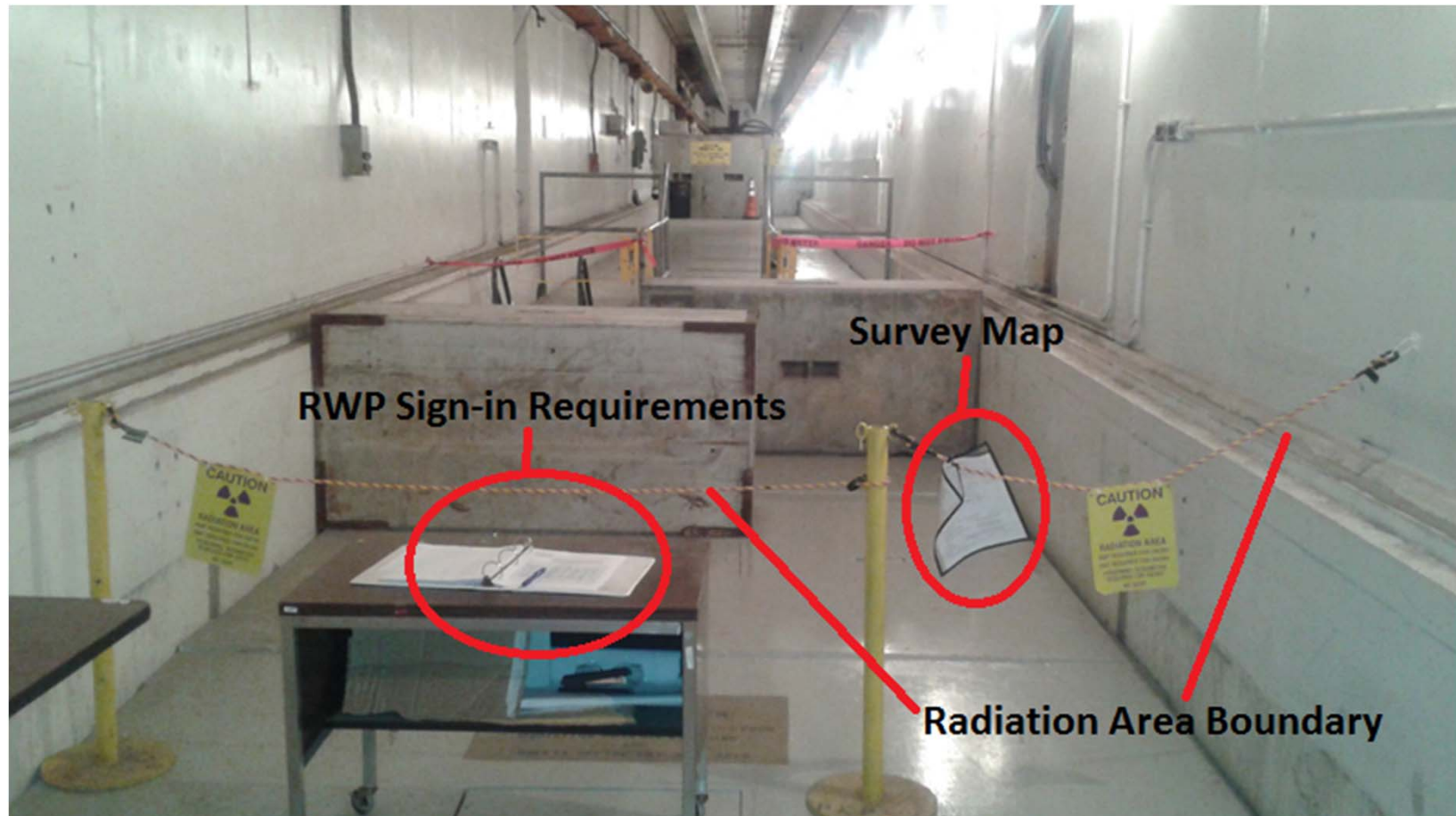
## Contamination Area

- ☐ RWP review and signature for entry
- ☐ Personnel Dosimeter
- ☐ Personnel Protective Equipment
- ☐ Additional Requirements may be posted on Sign and in RWP





# Access to a Radiation Area





# Radiological Work Permit (RWP) Requirements

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Note: By signing below, each worker certifies that he or she has read, understood, and will abide by the requirements of this Radiological Work Permit. **Each worker must sign in and out each time they enter and exit the area.**

**WRITE LEGIBLY**

PRINT NAME CLEARLY	SIGNATURE	GROUP	DATE/TIME IN	Supp Dos In	TIME OUT	Supp Dos Out

# Other Special Radiological Posting

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Personnel Exclusion Areas (PEA):

- A PEA is usually posted as directed by a Beam Authorization Sheet
- A PEA has strict controls regarding personnel access

# Personnel Exclusion Area

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# Summaries

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- Postings are used to alert personnel of a potential or known radiological condition and to indicate requirements for entry. Yellow and magenta rope, tape, chains, or other barriers are used to designate the boundary of posted areas.
- All areas or materials controlled for radiological purposes are identified by the international radiation symbol, which is a magenta or black trefoil (or three bladed propeller) on a yellow background.
- Radioactive materials are identified by tags and labels with a yellow background and the radiation symbol.
- Do not remove any radiological postings. If you discover postings that have been compromised (torn or fallen) please contact RPD immediately.



# Contact Information

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Contact RP with any questions, concerns or comments on any issues related to personnel or environment radiation protection issues.

Visit us on the web at:

- <http://www-group.slac.stanford.edu/esh/rp/>

For Radiological Services x4299 (24/7)