

# Hanford Site Tour Visitor Safety Training

This training material is for visitors participating in the official Hanford Site Public Tour or the Manhattan Project B-Reactor Tour. It is for visitors who will be escorted at all times, will be taking a tour bus along predetermined routes, and will be observing rather than working. If this is not you, please notify your escort, and ask for document HNF-23792, Hanford Site Orientation.

## **B Reactor Tour Requirements**

All visitors must be at least 12 years of age to participate in a B Reactor tour. If under 18 years of age, a parent/guardian will need to sign a release form indicating that they are aware of the potential hazards and their responsibilities for supervision of the child. Visitors do not have to be a U.S. citizen to participate in the tour.

### **Clothing should be appropriate for the weather.**

Individuals participating in the tour should be able to remain on their feet for periods as long as 30 minutes. The reactor is not heated or air conditioned, temperatures could vary from 90+ degrees in the summer to as low as 30's in the spring months. If you or any member of your group require special requirements please contact our tour staff. The reactor has structural aspects associated with an industrial facility that all tour guests must pay extra attention to – these include tight corners, uneven surfaces, exposed piping, and steel grating.

Tour participants must also be able to read and comprehend all mandated Hanford safety and awareness information. You will be given a safety orientation at the facility prior to the tour.

## **Prohibited Articles**

The following items are prohibited at the Hanford Site; personal articles may be inspected to ensure compliance.

- Dangerous weapons  
Note: Prohibited knives include: blades exceeding four (4) inches in length; spring blade knives or any knife with a blade which is automatically released by a spring mechanism or other mechanical device, or any knife having a blade which opens, or falls, or is ejected into position by force of gravity, or by an outward knives downward, or centrifugal thrust or movement. Prohibited also include machetes, hatchets, axes, straight razors, and similar cutting devices.
- Ammunition
- Explosives
- Incendiary devices
- Controlled substances (e.g., illegal drugs and associated paraphernalia)  
Note: Prescription drugs in their original containers are not prohibited
- Alcoholic beverages (includes "near beer")
- Any items prohibited by law
- Pets/animals (except certified guide dogs)

## **Allowable Articles**

- **Cell phones; Cameras/video recorders and Recording devices.**
- **Bottle water is suggested to bring.**
- **Suggest to bring snacks or lunch to eat on the bus.**

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## Safety Information

- The Reactor is an industrial site; you are going to see piping, valves, electrical boxes and conduit. So be careful not to hit your head, arm or shoulder. Also along the tour path you will encounter uneven walking surfaces, presenting tripping hazards, please be careful.
- During the construction of the B Reactor, materials were used that we now consider hazardous; such as asbestos, lead, mercury and PCB's these hazards have been removed or stabilized for the safety of the workers and visitors.
- We also have biological hazards such as the occasional spider, scorpion, mice, birds and bats. The facility has controls in place to manage these hazards and we do inspect the facility prior to each tour to ensure the safety of our guests.
- In case of an emergency, the reactor staff will be there to give you instructions and guidance.
- The B Reactor is a radiological controlled facility, any area where there is a potential for exposure above natural background is strictly controlled. All radiological hazards at the Hanford site are easily identified by the international black or magenta trefoil on a yellow background. The tour route has had extensive radiological surveys and the potential for any exposure above background is minimal.

## Postings and Labels



Radiological controlled Areas are delineated by a yellow sign with this symbol. You will see these signs on your tour. Each sign identifies the specific hazard and associated entry or use requirements.

**Your tour guide has been trained regarding areas you are allowed to enter. Do not wander off, respect all postings, and stay with your escort at all times.**

## Hanford Focus

We take safety, security, and environmental protection seriously. The safety and health of our employees, the public, and those who visit the Hanford Site, in addition to site security and protection of the environment, are fundamental values of the U.S. Department of Energy (DOE) and its contractors. We strive to achieve and sustain a worksite that is free of accidents, injuries, environmental impacts, and security events.

To achieve our goal of daily excellence in the protection of visitors, we apply an aggressive approach to integrated safety and security management. To support this process, visitors are responsible for the following:

- Practice and promote safe behaviors.
- Recognize hazards.
- Use good judgment.
- Comply with the standards and guidance described herein and explained by your escort.

## Emergency Preparedness and Response

Before you enter the Hanford Site:

Familiarize yourself with the Hanford Site emergency signals below.

- **WAVERING siren** means “take cover”, actions are Stay Inside.
- **STEADY siren** means “Evacuation”, actions are Go to Staging Area.
- **HIGH-PITCHED Rapid tone** means “Chlorine Alarm”, actions are to Move upwind of the Facility.

## In the event of an emergency:

Your tour guide has been trained in DOE and Hanford emergency response procedures. Respond to all facility alarms and site-wide emergency signals and always follow the direction of the tour guide or facility host.

Additional information related to the Hanford Site is Available at [www.hanford.gov](http://www.hanford.gov)