

# **Visitor Safety Training**

## **For Tours of the National Park Sites at Hanford**

### **B Reactor National Historic Landmark**

This training material is for visitors participating in tours of the B Reactor National Historic Landmark or the pre-Manhattan Project Historic Sites, all of which are part of the Manhattan Project National Historical Park. Visitors on these tours will be escorted at all times, will be taking a tour bus along predetermined routes, and will be observing rather than working.

There is no minimum age for these tours. However, please note:

**For all visitors under the age of 18, a parent or legal guardian must sign the tour release form agreeing that he/she has been made aware of the potential hazards, has discussed them with his/her child, and that he/she will either accompany the child on the tour or has designated another adult to ensure the child's compliance with the rules.**

The tour release form can be found at <http://manhattanprojectreactor.hanford.gov> and must be turned in on the day of the tour. Each child must have a signed release form; there are no exceptions to this rule.

**Please wear weather-appropriate clothing and comfortable walking shoes.**

Individuals participating in the tour should be able to remain on their feet for up to 30 minutes. The tour bus is equipped with air conditioning, but the B Reactor is not heated or cooled. Visitors should be prepared for temperatures as high as 90 degrees in the summer and as low as near-freezing in the early spring.

## **Prohibited Articles**

The following items are prohibited at the Visitor Contact Station as well as on the tour. Your personal items are subject to inspection to ensure compliance.

- Dangerous weapons.
- Knives with blades longer than four inches, spring-blade knives, and any knife with a blade that opens, falls, or is ejected into position by force of gravity, or by an outward downward, or centrifugal thrust or movement.
- Machetes, hatchets, axes, straight razors, and similar cutting devices.
- Ammunition
- Explosives
- Incendiary devices
- Controlled substances, to include marijuana (e.g., illegal drugs and associated paraphernalia), but not prescription medication.
- Alcoholic beverages (including "near beer")
- Any items prohibited by state or federal law
- Pets/animals (except certified service animals)

Visitors' personal items, as well as the tour bus, are subject to search at any time during the tour.

*Note: Tours may be cancelled, delayed, or re-routed at any time if warranted by safety or security conditions.*

# Visitor Safety Training For tours of the National Park Sites

Page 2 of 2 03/23/2016

## Safety Information

Tour participants must be able to understand all mandated Hanford safety and awareness information. Tour staff will give a safety orientation and answer questions prior to the start of the tour.

The B Reactor is an industrial site. You are going to see piping, valves, electrical boxes and conduit. Stay on the tour path and be careful not to hit your head, arm or shoulder. You will also encounter some uneven walking surfaces. Please be careful not to trip.

During the construction of the B Reactor in the early 1940s, materials were used that are now considered hazardous, such as asbestos, lead and mercury. These hazards have been removed or stabilized for the safety of the workers and visitors.

We also occasionally have biological hazards such as spiders, scorpions, mice, birds or bats. The facility is inspected prior to each tour, and has controls in place. Staff will be present at all times and can address any biological hazards that appear.

The B Reactor still contains radioactivity in certain areas, but that radioactivity is strictly controlled with no public access. Closed-off areas are clearly marked with ropes, signs, closed doors, etc. 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 continues to be evaluated daily. The tour does not include any areas where there is a potential for exposure above natural background. Please remain on the tour path and in designated areas at all times.

In case of an emergency, the reactor staff will give you instructions and guidance.

As a visitor to the B Reactor National Historic Landmark, you are responsible for the following:

- Follow the directions of the tour staff
- Stay on the tour path at all times
- Use good judgment
- Recognize hazards and be careful
- Do not touch the facility or its contents
- Comply with the standards and guidance described herein and explained by your escort

## Emergency Preparedness and Response

**In the event of an emergency:** Your tour guide has been trained in DOE and Hanford emergency response procedures. ALWAYS follow the direction of your tour guide, who will ensure the correct response to any facility alarms and/or site-wide emergency signals.

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 the designated Staging Area.
- **HIGH-PITCHED Rapid tone** means “Chorine Alarm”, actions are to Move upwind of the Facility.