



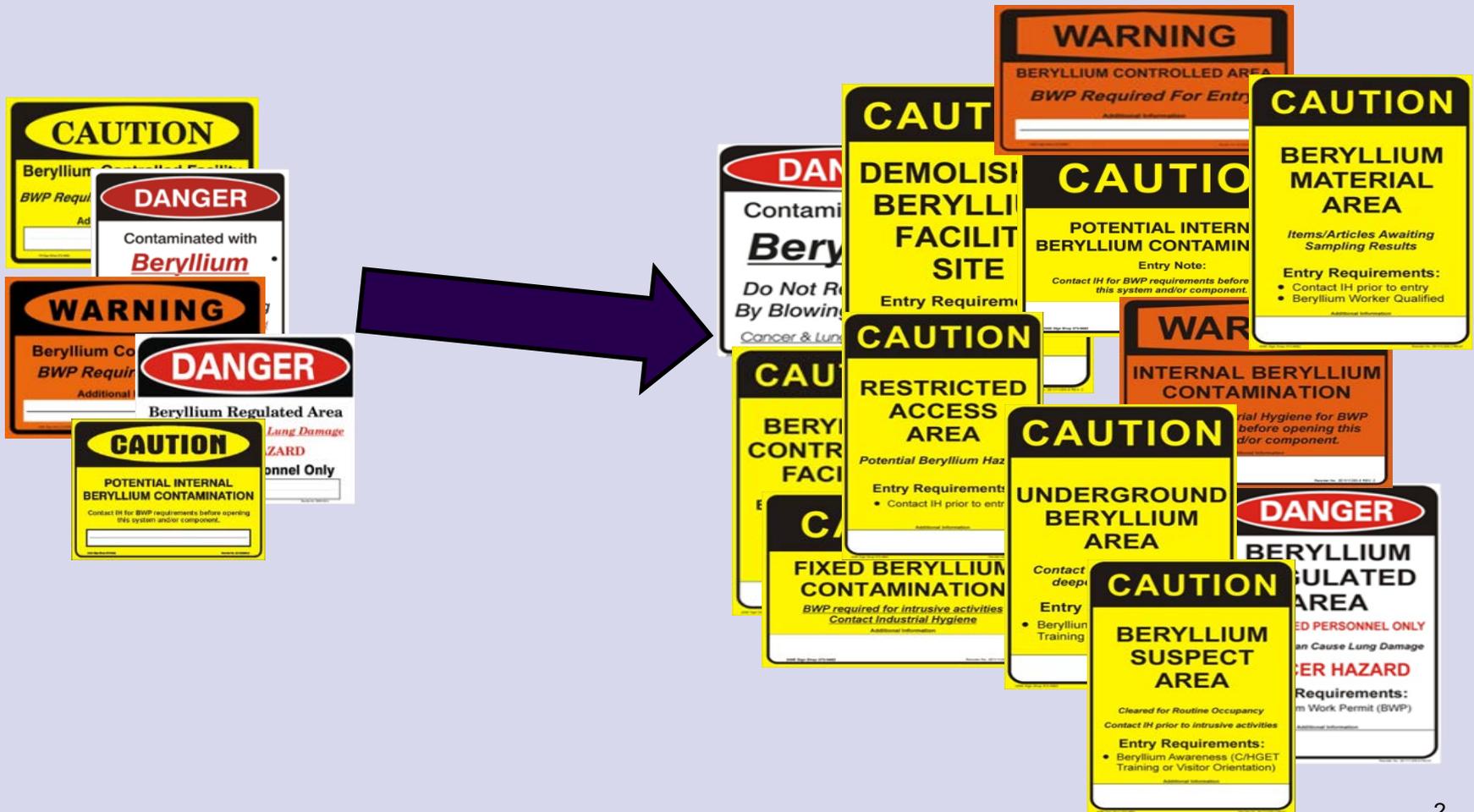
CBDPP Rev 2A

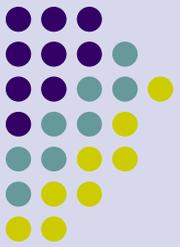


Changes to Beryllium Postings and Labels



Hmmm ... Something's Different!





Summary of Differences

CBDPP, Rev 1

- o 5 beryllium postings or labels

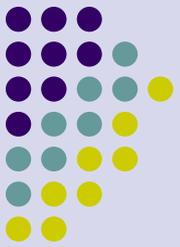
CBDPP, Rev 2A

- o 12 beryllium postings or labels
 - o *5 revised*
 - o *7 new*
- o New definition of Intrusive Activity
- o New sitewide procedure
 - o *DOE-0342-003, Hanford Site Beryllium Posting and Labeling Requirements Procedure*



Important Facts

- o Postings designed and developed by a team of Hanford employees to reduce beryllium hazards for workers
 - o Implementation Date: TBD
- o **Read and follow instructions on the signs!**
 - o New postings are clear and self explanatory
 - o Contact Industrial Hygiene if you have questions



Intrusive Activity

Intrusive activity is defined in the CBDPP as follows:

- o Exposing inaccessible surfaces
- o Performing hands-on work in opened or breached potential beryllium contaminated or beryllium contaminated:
 - o Equipment/systems/items
 - o Motors/engines
 - o Electrical distribution equipment
 - o Safe-to-work/condition checks and visual inspections are excluded
 - o Contact Industrial Hygiene if you have questions

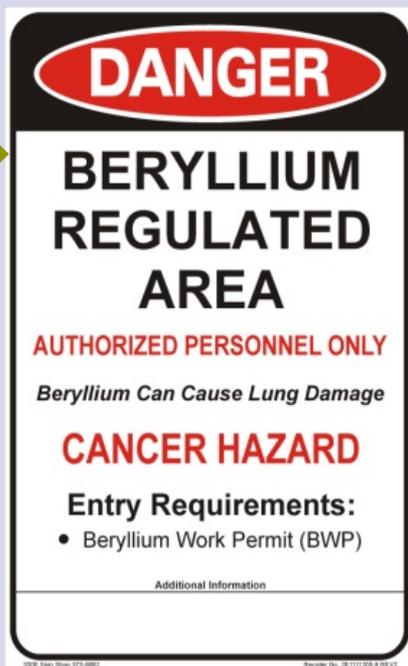


TAKE A LOOK....

REVISED

Postings and Labels

REVISED



REVISED



REVISED



REVISED



REVISED





TAKE A LOOK....

NEW

Postings and Labels



Internal Beryllium Contamination



DEFINITION

Warning label indicating confirmed beryllium contamination inside an item/equipment/system that requires additional controls when intrusive activities are performed.

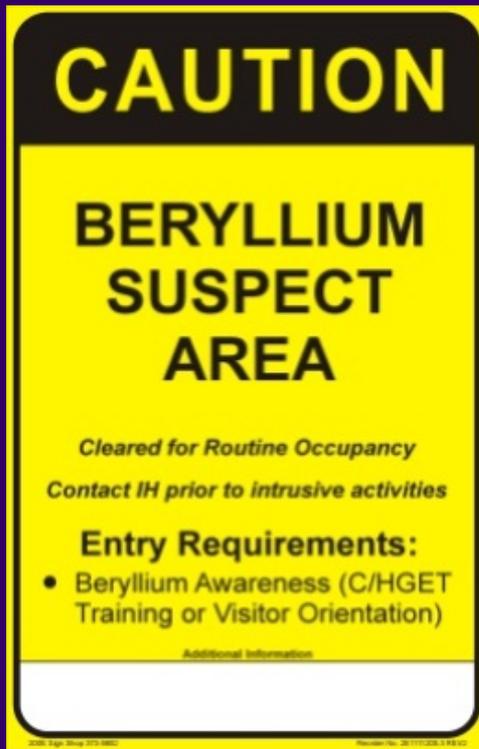
MISCELLANEOUS NOTES

Establish a Beryllium Controlled Area (BCA) or Beryllium Regulated Area (BRA) prior to performing an intrusive activity on the equipment/system.

This label may be used in standard label form, or as a tamper seal on Electrical Distribution Equipment (EDE).



Beryllium Suspect Area



DEFINITION

Establish a Beryllium Suspect Area (BSA) when:

- An area has been identified per a Hanford Site Assessment Form as an area/item of concern based on historical information, **AND**
- Full characterization has not been completed.

MISCELLANEOUS NOTES

Any employee may enter the area (including Beryllium Affected Workers) during normal work activities in accessible areas.

Intrusive work requires a Beryllium Work Permit (BWP).



Underground Beryllium Area



DEFINITION

An underground area where a suspect or known beryllium contamination source exists.

MISCELLANEOUS NOTES

Contact Industrial Hygiene (IH) prior to digging deeper than 6 inches.

Examples of Underground Beryllium Areas (UBAs) include underground piping systems, tanks, or where known beryllium contaminated material has been washed into the ground.



Fixed Beryllium Contamination

DEFINITION

Caution label indicating an area where beryllium contamination has been affixed by use of an approved fixative.

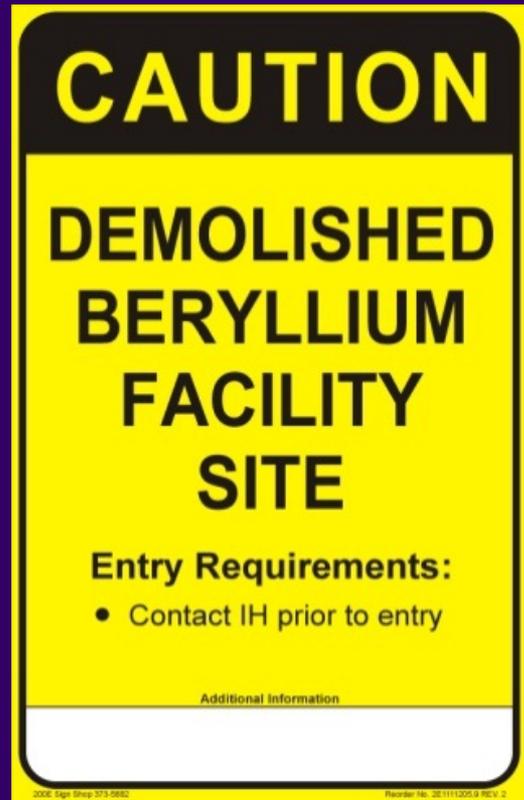
MISCELLANEOUS NOTES

Contact (IH) prior to performing intrusive activities.

The area surrounding shall be posted at minimum as a BSA.



Demolished Beryllium Facility Site



DEFINITION

Beryllium Controlled Facility (BCF) in progress of being demolished or has been demolished, and characterization sampling has not been completed.

MISCELLANEOUS NOTES

Contact IH prior to entry. IH will determine what entry requirements are needed.

Once the facility has been demolished, establish a BCA/BRA around the debris.



Beryllium Material Area



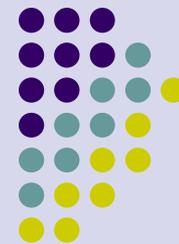
DEFINITION

An area which has been established for the sole purpose of temporarily storing items or equipment removed from a BCA/BRA while awaiting sampling results.

MISCELLANEOUS NOTES

Contact IH prior to entry. IH will determine what entry requirements are needed.

A Beryllium Material Area (BMA) is not to be established for the storage of beryllium contaminated items or to be used as a permanent storage area for beryllium containing tools/equipment



Restricted Access Area



DEFINITION

An area that is being controlled pending completion of investigative sampling due to results at or above the Trigger Level but below the Control Level.

MISCELLANEOUS NOTES

Contact IH prior to entry. IH will determine what entry requirements are needed.

No additional facility posting is required for Restricted Access Areas (RAAs).

Posting is limited to 60 days unless DOE approval is obtained.