

Beryllium Facility Assessment User Guide Instructions

Headings

Date

Date that assessment was initiated (xx/yy/zz)

Assessor

Names of assessor(s) if performed by more than one individual; this field should only contain the names of the assessor(s), not everyone contacted.

Facility Information

Building

Building number and description as listed in Caretaker

Building Contacts

Names of people responsible for building. This could be building administrator, building manager or other. For some facilities, this may require a determination of who is responsible for the building.

Project

Project/organization name that has responsibility for the facility

Date Built

This can be obtained from Caretaker or from building contacts. Estimates are acceptable.

Square Footage

Obtained from Caretaker.

Current Status

Obtained from Caretaker.

Employees in Facility

This can be obtained from Caretaker or from building contacts. Estimates are acceptable.

Occupancy

Is the building occupied full time, occasionally, or is it unoccupied.

Rad Contamination Present

Does the facility have any CA's, HCA's, RBA's, and /or RMA's present.

Facility Usage

Current usage of the facility: How is the building being used? For what purpose? Is there access by other than DOE/Contractor personnel? This information can be obtained from Caretaker or building contacts.

Assessment Information

Individuals Contacted

List the individuals who provided information used in this assessment.

Documented Usage of Be Materials

Answer "Yes" if there is evidence that beryllium was used in this facility. This evidence can be documents, verbal reports, etc. If there is no evidence of beryllium usage, answer "No".

Possible Maintenance of Be Items Producing Legacy Be Contamination

Answer "Yes" if there is evidence that grinding, filing, sanding, or other maintenance activities ever occurred on Be items such as tools. This evidence can be documents, verbal reports, etc. If there is no evidence of maintenance activities on beryllium items, answer "No".

Possible handling/storage of Be Items

Answer "Yes" if there is evidence that beryllium items or beryllium contaminated material were ever staged or stored in this facility. This evidence can be documents, verbal reports, etc. If there is no evidence of staging or storage of beryllium items, answer "No".

Facility Historical Usage

If the usage(s) of the building can be determined from date built to current, answer "Known". If not, answer "Partially/incompletely known".

Comments

This should be a brief summary of the information obtained for this facility. If documents were obtained during the assessment, they should be attached to the assessment and summarized here. This information is particularly important if the assessment concludes that characterization is not required.

Characterization Information (to be completed by industrial hygienist)

Previous Characterization Data

Previous characterization data may be available on the facility. If available, the data should be referenced here and should be attached to the form if it is the basis for determining that no additional characterization is recommended.

Legacy Probability Factor, Occupancy Factor

These factors are chosen from the tables below based upon the information collected in this assessment and the best judgment of the industrial hygienist. They are intended to provide guidance in prioritizing facilities that have been recommended for characterization, but are not the only consideration.

Probability Factors for Presence of Legacy Beryllium Contamination (P)

Numerical Value (P)	Description
4	Documented usage of Be materials
3	Possible maintenance of Be items
2	Possible handling/storage of Be items/Be contaminated materials
1	Partial or incomplete history of Facility
0	Known history of Facility

Occupancy Factors That Would Affect Consequence of Exposure (F)

Numerical Value (F)	Description
4	Access by other than DOE/Contractor personnel
3	Full Time Occupancy
2	Occasional Entry
1	Unoccupied

Recommended Status

If characterization is NOT recommended, this assessment will serve as the basis for declaring the facility as either beryllium clean or beryllium controlled. The beryllium clean box should only be chosen if there is sufficient information to conclude that the building does not present a risk of beryllium exposure. The beryllium controlled facility would be chosen if the building was clearly contaminated with beryllium AND beryllium characterization was not recommended at this time. If neither of the above applies, the building should be recommended for characterization.

Recommendations for BCAs

If characterization is not recommended, and the facility is determined to be a beryllium controlled facility, list any areas where beryllium contamination is known or likely based on the information uncovered during this assessment. This would include past areas of known or probable beryllium usage. Again, it is not necessary to complete this field but capturing this information here would be very useful in making decisions regarding future designation of BCAs.

Recommendations for Characterization

The decision on whether to perform characterization should be based on a combination of facility size/usage and available information. Thus, a large facility which has been used for various operations would need to be characterized unless the building history was well known. On the other hand, a small building, such as a pump house, may not need to be

characterized if it has always been a pump house, since it is unlikely that beryllium operations would be performed in a pump house. If in doubt as to how to answer this question, contact the Beryllium IA for guidance.

Comments

Brief comments by the Industrial Hygienist on the above issues, if warranted, or references to additional information to be attached to the form.