



Vision: To be the **Healthiest State** in the Nation

Biosafety Risk Assessment: Organizational List

Risk Assessment Overview

Documentation

- **Biosafety Risk Assessment: Documentation Worksheet**
 - FDOH.BPHL.Biosafety_Risk_Assessment_Documentation_Worksheet

Preparing Laboratory Procedure SOPs

Consideration of Biological and Chemical Hazards

- **Biosafety Risk Assessment: Biological Agent Summary Worksheet**
 - FDOH.BPHL.Biosafety_Risk_Assessment_Biological_Agent_Summary_Worksheet
- Use **Biosafety Risk Assessment: Biological Agent Evaluation Worksheet** to create an evaluation for all biological agents or toxins listed in Biosafety Risk Assessment: Biological Agent Summary Worksheet that do not already have one created.
 - FDOH.BPHL.Biosafety_Risk_Assessment_Biological_Agent_Evaluation_Worksheet
- Gather applicable already-created evaluations for all biological agents or toxins listed in Biosafety Risk Assessment: Biological Agent Summary Worksheet.
- **Biosafety Risk Assessment: Chemical Summary Worksheet**
 - FDOH.BPHL.Biosafety_Risk_Assessment_Chemical_Summary_Worksheet
- Gather applicable chemical Safety Data Sheets (SDS) for all chemicals listed in Biosafety Risk Assessment: Chemical Summary Worksheet.

Procedure Analysis Using Risk Assessment Hazard Exposure Activities and Controls Worksheet

- **Biosafety Risk Assessment: Hazard Exposure Activities and Controls Worksheet**
 - FDOH.BPHL.Biosafety_Risk_Assessment_Hazard_Exposure_Activities_and_Controls_Worksheet
- Use **Biosafety Risk Assessment: Instrument-Method Worksheet** as necessary to help complete the Biosafety Risk Assessment: Hazard Exposure Activities and Controls Worksheet.
 - FDOH.BPHL.Biosafety_Risk_Assessment_Instrument-Method_Worksheet
- Use **Biosafety Risk Assessment: Hazard Exposure Activities and Controls Repository** to help complete the Biosafety Risk Assessment: Hazard Exposure Activities and Controls Worksheet.
 - FDOH.BPHL.Biosafety_Risk_Assessment_Hazard_Exposure_Activities_and_Controls_Repository

Analysis of Overall Procedural Considerations

- **Biosafety Risk Assessment: General Considerations Worksheet**
 - FDOH.BPHL.Biosafety_Risk_Assessment_General_Considerations_Worksheet

Competency Assessment of Laboratory Personnel

Implementation of New Controls

- Use **Biosafety Risk Assessment: Risk Likelihood and Consequences Evaluation Worksheet** if only some of the recommended controls can be implemented for practicality or cost reasons.
 - FDOH.BPHL.Biosafety_Risk_Assessment_Risk_Likelihood_and_Consequences_Evaluation_Worksheet

Evaluation of Existing and New Controls

- Optionally, use **Biosafety Risk Assessment: Control Failure Worksheet** to track control failures.
 - FDOH.BPHL.Biosafety_Risk_Assessment_Control_Failure_Worksheet

Reevaluation of Risk Assessment



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Once the biosafety risk assessment is completed, the institution will have the following digital folders and files:

- One folder for each risk assessment that contains:
 - “*Biosafety Risk Assessment: Documentation Worksheet*” (FDOH.BPHL.Biosafety_Risk_Assessment_Documentation_Worksheet)
 - “*Biosafety Risk Assessment: Biological Agent Summary Worksheet*” (FDOH.BPHL.Biosafety_Risk_Assessment_Biological_Agent_Summary_Worksheet)
 - One copy of each applicable “*Biosafety Risk Assessment: Biological Agent Evaluation Worksheet*” (FDOH.BPHL.Biosafety_Risk_Assessment_Biological_Agent_Evaluation_Worksheet), copied from the institution’s “Biosafety Risk Assessment Biological Agent Evaluation Worksheet” folder
 - “*Biosafety Risk Assessment: Chemical Summary Worksheet*” (FDOH.BPHL.Biosafety_Risk_Assessment_Chemical_Summary_Worksheet).
 - One copy of each applicable *chemical SDS* that is available digitally
 - “*Biosafety Risk Assessment: Hazard Exposure Activities and Controls Worksheet*” (FDOH.BPHL.Biosafety_Risk_Assessment_Hazard_Exposure_Activities_and_Controls_Worksheet)
 - One “*Biosafety Risk Assessment: Instrument-Method Worksheet*” (FDOH.BPHL.Biosafety_Risk_Assessment_Instrument-Method_Worksheet) for each specific instrument or method evaluation that used it
 - “*Biosafety Risk Assessment: General Considerations Worksheet*” (FDOH.BPHL.Biosafety_Risk_Assessment_General_Considerations_Worksheet)
 - One “*Biosafety Risk Assessment: Risk Likelihood and Consequences Evaluation Worksheet*” (FDOH.BPHL.Biosafety_Risk_Assessment_Risk_Likelihood_and_Consequences_Evaluation_Worksheet) for each new recommended control if only some of the recommended controls can be implemented for practicality or cost reasons
- “Biosafety Risk Assessment Biological Agent Evaluation Worksheet” folder that contains:
 - One “*Biosafety Risk Assessment: Biological Agent Evaluation Worksheet*” (FDOH.BPHL.Biosafety_Risk_Assessment_Biological_Agent_Evaluation_Worksheet) for each biological agent or toxin evaluated in this institution across all biosafety risk assessments that have been conducted
- “Biosafety Risk Assessment” folder that contains:
 - “*Conducting a Biosafety Risk Assessment*” Standard Operating Procedure (SOP) (FDOH.BPHL.Biosafety_Risk_Assessment)
 - “*Biosafety Risk Assessment: Organizational List*” (FDOH.BPHL.Biosafety_Risk_Assessment_Organizational_List)
 - “*Biosafety Risk Assessment: Hazard Exposure Activities and Controls Repository*” (FDOH.BPHL.Biosafety_Risk_Assessment_Hazard_Exposure_Activities_and_Controls_Repository)
 - (Optional) “*Biosafety Risk Assessment: Control Failure Worksheet*” (FDOH.BPHL.Biosafety_Risk_Assessment_Control_Failure_Worksheet)

These resources are the product of research from respected biosafety sources that were combined to help create a biorisk program. Please follow your own professional judgement, your institution's established guidelines, and any applicable local, state, and federal requirements.