Biosafety Risk Assessment: Organizational List

Risk Assessment Overview

Documentation
- Biosafety Risk Assessment: Documentation Worksheet
- biosafety-risk-assessment-documentation-worksheet

Preparing Laboratory Procedure SOPs

Consideration of Biological and Chemical Hazards
- Biosafety Risk Assessment: Biological Agent Summary Worksheet
  - 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.
  - 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-biological-agent-evaluation-worksheet
- Biosafety Risk Assessment: Chemical Summary Worksheet
  - 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
  - bra-hazard-exposure-activities-and-controls-worksheet
  - biosafety-risk-assessment-instrument-method-worksheet
  - bra-hazard-exposure-activities-and-controls-repository

Analysis of Overall Procedural Considerations
- Biosafety Risk Assessment: General Considerations Worksheet
  - 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.

Evaluation of Existing and New Controls
- Optionally, use Biosafety Risk Assessment: Control Failure Worksheet to track control failures.
  - bra-control-failure-worksheet

Reevaluation of Risk Assessment

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” (biosafety-risk-assessment-documentation-worksheet)
  - “Biosafety Risk Assessment: Biological Agent Summary Worksheet” (biosafety-risk-assessment-biological-agent-summary-worksheet)
  - One copy of each applicable “Biosafety Risk Assessment: Biological Agent Evaluation Worksheet” (biosafety-risk-assessment-biological-agent-evaluation-worksheet), copied from the institution’s “Biosafety Risk Assessment Biological Agent Evaluation Worksheet” folder
  - One copy of each applicable chemical SDS that is available digitally
  - One “Biosafety Risk Assessment: Instrument-Method Worksheet” (biosafety-risk-assessment-instrument-method-worksheet) for each specific instrument or method evaluation that used it
  - “Biosafety Risk Assessment: General Considerations Worksheet” (biosafety-risk-assessment-general-considerations-worksheet)
  - One “Biosafety Risk Assessment: Risk Likelihood and Consequences Evaluation Worksheet” (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” (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) (biosafety-risk-assessment)
  - “Biosafety Risk Assessment: Organizational List” (biosafety-risk-assessment-organizational-list)
  - (Optional) “Biosafety Risk Assessment: Control Failure Worksheet” (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.