

Risk Assessment

Your group is tasked with conducting a risk assessment for a specific area, piece of equipment, or aspect of the distilling process. You will identify hazards, assess risks, recommend control measures, and develop an implementation and monitoring plan. The outcome of your assessment will be documented on the templates below. While one template may be completed per group, each individual must upload a copy as a part of submission for Project Task 4.

Activity Overview:

- Form a group of 3-5 members.
- Assign roles within the group (e.g., Team Leader, Note Taker, Presenter).
- Choose an area, piece of equipment, or aspect of the distilling process for your risk assessment. Ensure that all group members understand the chosen focus.
- Use the **Hazard Identification** table (Table 1) provided to list all potential hazards associated with your focus area.
- For each hazard, provide a brief description and specify the location where the hazard is present.
- Using the **Risk Identification and Assessment** table (Table 2), evaluate each identified hazard.
- Assess the risk by determining the likelihood and consequence of each hazard occurring, and assign a risk rating based on the provided risk matrix.
- Identify appropriate control measures for each hazard using the **Control Measures** table (Table 3).
- Specify the type of control (e.g., engineering, administrative, PPE) and assign responsibility for implementing each control measure.
- Develop an implementation plan using the **Implementation Plan** table (Table 4).
- Outline the actions needed to put the control measures in place, including timelines and who will be responsible for each action.
- Include a strategy for monitoring the effectiveness of these controls.
- Complete the **Monitoring and Review** (Table 5) to outline how each control measure will be monitored and reviewed over time.
- Specify the frequency of monitoring, the review process, and who will be responsible for ongoing monitoring and reviews.
- Present your findings to the group.

Table 1: Hazard Identification

Select four (4) hazards to focus on for this activity.

Hazards	Description	Location

Table 2: Risk Identification and Assessment

Hazard	Risk Description	Likelihood	Consequence	Risk Rating

Table 3: Control Measures

Hazard	Control Measure	Type of Control (Hierarchy of Control)	Responsible Person(s)	Implementation Timelines

Table 4: Implementation Plan

Action	Description	Responsible Person(s)	Timeline

Table 5: Monitoring and Review

Control Measure	Monitoring Strategy	Frequency	Person(s) Responsible