

U.S. Chemical Safety and Hazard Investigation Board (CSB) Investigation Exercise – Facilitator Guide

Purpose

To review facts from an accident investigation conducted by the CSB and discuss various actions that might have prevented the incident.

Time Requirement: 1 hour minimum

Number of Facilitators: 1 or more, consistent with ratio shown in Minimum Criteria

Materials

- Whiteboard and markers
- Technology – computer(s)/devices, projector, screen, cables, internet access/flashstick

Facilitator Preparation

- Review incidents found at <https://www.csb.gov/>. This includes videos, completed investigations, and content found in CSB Investigation Digest.
- Select the most relevant incident(s), based on your knowledge of the participants.
- Prepare to present the content by ensuring internet access during the course, downloading to a flashstick or printing onto paper.
- Review the potential questions below and prepare to lead a discussion.

Procedure

Have participants review the incident individually or in groups. Facilitate a discussion. Potential discussion questions are found below.

Potential Discussion Questions

1. What were the root causes of the incident?
2. Were there any warning signs prior to the incident?
3. Were good work practices being put to use?
4. How could this incident have been avoided?
5. Were there gaps in the ability to respond?
6. What are the response considerations?