



U. S. Chemical Safety and Hazard Investigation Board **RECOMMENDATION STATUS CHANGE SUMMARY**

Report:	BP - Husky Oregon Chemical Release and Fire
Recommendation Number:	2022-01-I-OH-R1
Date Issued:	June 21, 2024
Recipient:	Ohio Refining Company LLC
New Status:	Open – Awaiting Response or Evaluation/Approval of Response
Date of Status Change:	Not Applicable – Initial Status

Recommendation Text:

Revise the safeguards used in the refinery’s process hazard analyses high level and overflow scenarios. At a minimum, establish effective preventive safeguards that use engineered controls to prevent liquid overflow and do not rely solely on human intervention.

Board Status Change Decision:

A. Rationale for Recommendation

On September 20, 2022, a vapor cloud ignited at the BP-Husky Refining LLC (“BP Husky”) refinery in Oregon, Ohio. The vapor cloud formed when flammable liquid naphtha was intentionally released from a pressurized vessel to the ground in response to an abnormal situation. Two employees were fatally injured. BP Husky estimated that over 23, 000 pounds of naphtha was released during the event, and that \$597 million in damage was incurred.

The U.S. Chemical Safety and Hazard Investigation Board (CSB) investigated the incident and found several safety issues including inadequate safeguarding to prevent liquid overflow, ineffective abnormal situation management, and failure to learn from previous incidents. As a result of these findings, the CSB issued four recommendations to the Ohio Refining Company LLC. This status change summary addresses **CSB Recommendation No. 2022-01-I-OH-R1**.