



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

Report:	PEMEX Deer Park Chemical Release
Recommendation Number:	2024-05-I-TX-R3
Date Issued:	February 19, 2026
Recipient:	PEMEX Deer Park
New Status:	Open – Awaiting Response or Evaluation/Approval of Response
Date of Status Change:	Not Applicable – Initial Status

Recommendation Text:

Establish a conduct of operations system that establishes and enforces behavioral and performance metrics in accordance with CCPS's Conduct of Operations and Operational Discipline. The system should include:

- a) the management commitment to process safety,*
- b) employee input on policies and procedures,*
- c) methods to ensure that policies and procedures can be effectively followed, to include, at a minimum:*
 - 1) permitting,*
 - 2) equipment marking, and*
 - 3) energy isolation procedures, and*
- d) regular audits to verify adherence to conduct of operations metrics, to include, at a minimum:*
 - 1) performance expectations,*
 - 2) training,*
 - 3) management visibility,*
 - 4) leadership by example, and*
 - 5) worker knowledge and awareness.*

Board Status Change Decision:

A. Rationale for Recommendation

On October 10, 2024, 27,000 pounds of hydrogen sulfide gas was released during planned maintenance at the PEMEX Deer Park Refinery in Deer Park, TX. The release fatally injured two workers and resulted in a shelter-in-place order for both Deer Park and Pasadena, TX.

The U.S. Chemical Safety and Hazard Investigation Board (CSB) investigated the incident and found several safety issues including deficiencies in positive equipment identification, contractor management, alarms, and conduct of operations.

As a result of these findings, the CSB issued three recommendations to PEMEX Deer Park. This status change summary addresses CSB Recommendation No. 2024-05-I-TX-R3.