



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

Report:	PEMEX Deer Park Chemical Release
Recommendation Number:	2024-05-I-TX-R4
Date Issued:	February 19, 2026
Recipient:	American Society of Mechanical Engineers (ASME)
New Status:	Open – Awaiting Response or Evaluation/Approval of Response
Date of Status Change:	Not Applicable – Initial Status

Recommendation Text:

Develop written guidelines for marking equipment for opening. The guidelines should define a standard practice for equipment marking that includes clear identifiers of the area to be opened and means to remove the markings at the conclusion of the work.

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 one recommendation to the American Society of Mechanical Engineers (ASME). This status change summary addresses CSB Recommendation No. 2024-05-I-TX-R4.