



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

Report:	US Ink Fire
Recommendation Number:	2013-01-I-NJ-R1
Date Issued:	January 15, 2015
Recipient:	Occupational Safety and Health Administration (OSHA)
New Status:	Closed – Acceptable Action
Date of Status Change:	April 10, 2023

Recommendation Text:

Add North American Industry Classification System (NAICS) Code 325910, Printing Ink Manufacturing, to the list of industries in Appendix D-1 or Appendix D-2 of Combustible Dust National Emphasis Program (NEP), Directive CPL 03-00-008.

Board Status Change Decision:

A. Rationale for Recommendation

On October 9, 2012, a flash fire caused burn injuries to seven workers, including three who sustained third-degree burns, at the US Ink/Sun Chemical Corporation (Sun Chemical) ink manufacturing facility in East Rutherford, New Jersey. The U.S. Chemical Safety and Hazard Investigation Board (CSB) investigation into this incident found that, during the start-up of US Ink's new dust collection system, a flammable mixture consisting of hydrocarbons and combustible dusts accumulated in the ductwork and ignited, causing a flash fire which spread from the duct collection system to the pre-mix room.

The CSB investigation also found that there continues to be no comprehensive federal standard addressing combustible dust hazards, that NAICS Code 325910 (Printing Ink Manufacturing) was not listed on targeting appendices D-1 or D-2 of OSHA's Combustible Dust National Emphasis Program, CPL 03-00-008 ("Dust NEP"), and that the Sun Chemical ink manufacturing facility in East Rutherford, New Jersey was not added to the targeting list for the Dust NEP by the OSHA Area Office based on local knowledge. As a result, two recommendations were issued to OSHA. This status change summary addresses **CSB Recommendation No. 2013-01-I-NJ-R1**.

B. Response to the Recommendation

OSHA added NAICS Code 325910 – Printing Ink Manufacturing as a targeted industry under their [Combustible Dust National Emphasis Program](#) in the January 23, 2023 revision¹. This was announced via trade release on January 27, 2023.

¹ U.S. Department of Labor - OSHA. (2023, 01 30). *Revised Combustible Dust National Emphasis Program*. Retrieved from [www.osha.gov](https://www.osha.gov/sites/default/files/enforcement/directives/CPL_03-00-008.pdf): https://www.osha.gov/sites/default/files/enforcement/directives/CPL_03-00-008.pdf

C. Board Analysis and Decision

Based upon the information above, the Board voted to change **CSB Recommendation No. 2013-01-I-NJ-R1** to: **“Closed – Acceptable Action.”**