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Most cement and lime plants use solid fuels for their operations. NFPA 625 was released in 2015 and requires compliance with new standards before August 2018. After that, plants risk being out of compliance.

## What is the NFPA 652?

- It is the new “Standard on the Fundamentals of Combustible Dust” which includes several old standards (NFPA-61, 68, 654) as a single go-to source for handling combustible dusts.
- It promotes awareness of the following principles:
  - Fuel control.
  - Ignition source control.
  - Restraining the spread of any combustion event.
- It applies but is not limited to Dust Collectors, Bucket Elevators, Drag & Screw Conveyors, Pneumatic Conveying Systems, Bins & Silos.
- Dust Hazard Analysis (DHA) is mandatory for all new and existing facilities that handle, generate, store or process combustible dusts.

## PEC Consulting assists clients towards compliance.

- Site Visit
  - Visit existing facility and interview operations personnel to collect & review all information related to NFPA standard.
- Facility Operation Evaluation
  - Evaluate design basis of the equipment used for coal dust
  - Identify additional steps required to comply with NFPA standard.
- Dust Hazard Analysis (DHA)
  - DHA is conducted by a team of engineers with the ability to identify hazards related to processing and handling combustible particulate solids and recommend risk mitigation measures.
  - The DHA done by PEC Consulting is especially valuable to the cement and lime industries which have been our focus for over 31 years.