MNM Fatal 2004 - 01

- Fall of Person Accident
- January 29, 2004 (South Carolina)
- Cement Plant
- Contractor Laborer
- 24 years old
- Four days experience

Overview

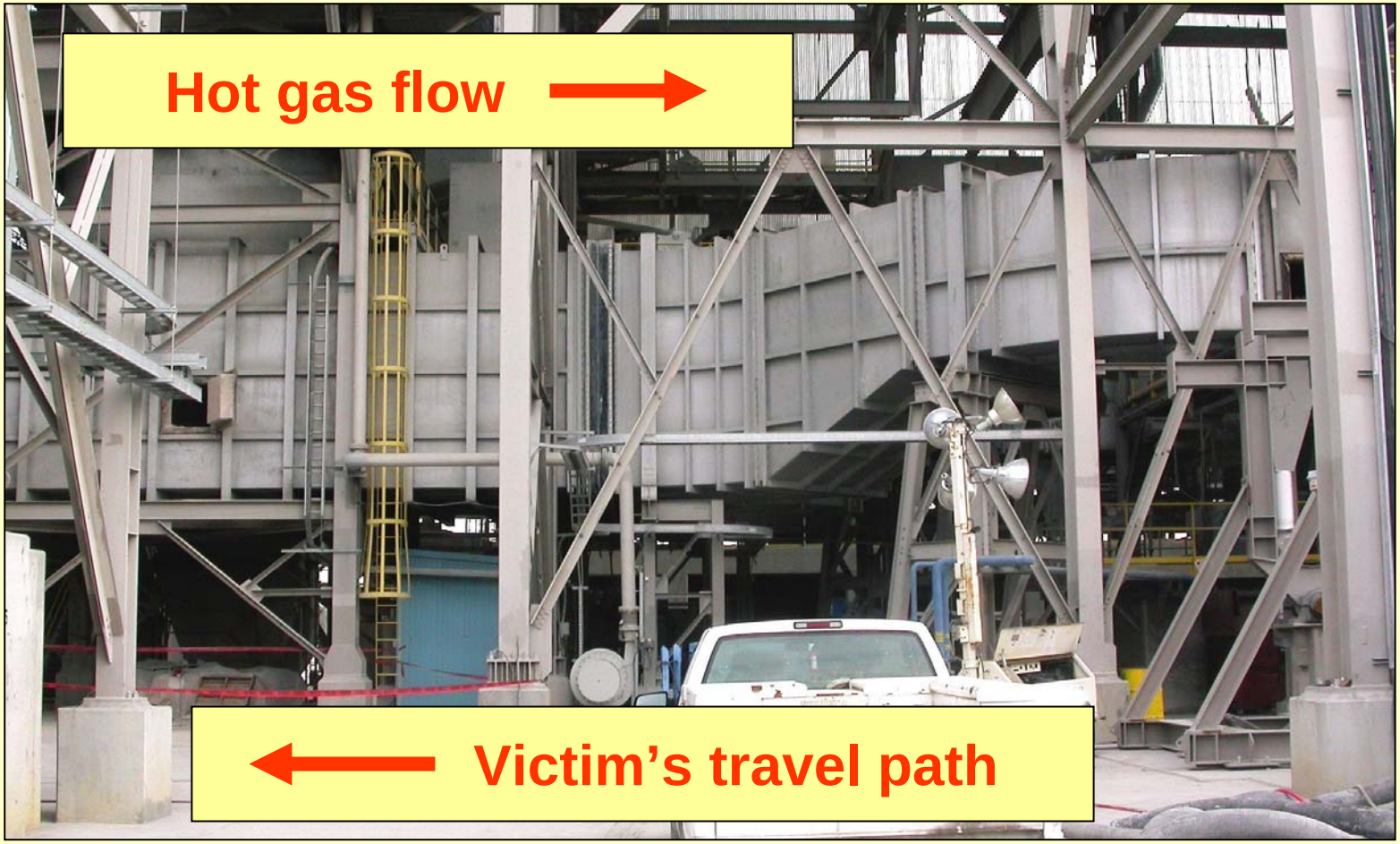
- Many contractors working at plant during a scheduled maintenance outage.
- Victim worked with a crew cleaning material in and around the raw mill.
- He left his assigned work area and walked through duct work under the roller mill grinding table.

Overview

- The victim walked on the crusted surface of a mound of hot dust that had accumulated directly beneath a hot gas generator.
- He received fatal burns when the material unexpectedly gave way and he fell waist deep into the hot dust.

Why Did Accident Occur?

- Victim left his assigned work area.
- He was unaware of the hazards in the duct work.
- No Barricades or warning signs.



He had entered the raw mill hot gas supply duct that connected to the roller mill where he was assigned to work.

Victim crawled through this 36-inch high opening where he had been working.

Area where victim fell.

Causal Factors

- No risk assessment conducted.
- No site specific hazard awareness training provided.
- Victim unaware of hazards associated with accumulations of hot material.

Best Practices

- Train employees in safe work procedures and workplace hazards before beginning any work.
- Restrict access, using warning signs indicating the hazards and/or barricades, to areas where hazards may exist that are not apparent to employees.
- Ensure that employees stay in the work areas they are assigned and not venture into unfamiliar areas.
- Monitor new employees closely.