



HOPPER FIRE

SAFETY CONCERNS

- o Possible **DUST EXPLOSION**.
- o Safety perimeter of 200 feet.
- o Consider additional weight of water absorbed by material in hopper affecting strength and stability of hopper and its support structure.
- o Electrical, mechanical, and engulfment hazard.
- o Use lockout tagout procedures.

PRIORITY ACTIONS

- o Determine quantity and type of material in the hopper.
- o Evaluate need for second alarm and Rehab bus due to probable lengthy duration of the incident.
- o Put CCF&R personnel at the hopper controls.
- o Full protective clothing including SCBA, especially in dust cloud area.
- o Use thermal imaging camera to assist in determining size and location of fire.
- o Exercise authority to stop operation if a **HAZARDOUS** situation exists and to prevent unsafe conditions.
- o Evaluate exposures possibly affected by dust cloud including possible ignition sources.
- o Consider use of unmanned hose streams and fog hogs to control dust cloud when hopper is opened.
- o Consider use of CO₂ for extinguishing agent.
- o Consider possibility of **DUST EXPLOSION** during overhaul caused by dust and sparks, including static electricity.



FIELD OPERATIONS GUIDE

SPECIAL CONSIDERATIONS

ADDITIONAL RESOURCES THAT MAY BE NEEDED

- o CO₂ distribution equipment through MFSA.
- o On site millwright and technical advisors.
- o Additional trained personnel and firefighting equipment.
- o ICS overhead personnel.
- o Support from Department of Emergency Management (DEM) for
 - Heavy equipment
 - Evaluate environmental concerns of material in hopper
 - Possible property conservation