

# STOCKPILE SAFETY PLAN

_____ Company Name	_____ Mine Name or Number
_____ Date	_____ Mine Index Number

Pursuant to 4 VAC 25-125-30 paragraphs C and D of the Regulations Governing Coal Stockpiles and Bulk Storage and Handling Facilities the following plan will be implemented and followed:

- 1) Methods for determining that no miners or equipment or in the affected area before starting stockpile underlying feeders:
  - a) A check-in and check-out system will be established. Anyone going onto or off the stockpile must check in or check-out. Before starting the feeders, operators will examine the check board. The feeders will not be started if someone is checked in.
  - b) Operators will visually examine the stockpile before starting feeders.
  - c) An announcement will be made over the two-way radio system one minute prior to starting feeders and again immediately prior.
- 2) Method for determining the expected draw hole size in correlation to the stockpile size.
  - a) Acceptable engineering calculations for the material in the stockpile will be used to calculate draw hole size.
  - b) The maximum draw hole size will be determined from the angle of draw of the material and other pertinent variables.
  - c) A chart will be maintained at the site showing expected draw hole size including variables such as height of material, moisture content, etc.
- 3) Safe procedures for breaking through bridged cavities.
  - a) Breaking through bridged cavities will be performed under the direct supervision of a certified foreman.
  - b) Feeders will be shut off, locked out, and tagged.
  - c) The stockpile will be worked with equipment from the determined bottom edge of the bridge upward until the bridge collapses.
  - d) Care will be taken to avoid creating hazardous slopes that could collapse.
- 4) Procedures for safe recovery of personnel should a piece of equipment become entrapped:

- a) Shut off feeders. Lock out and tag all electrical power to the feeders.
  - b) Attempt to locate and establish communications with the entrapped person. Continue efforts throughout the extraction effort.
  - c) Contact emergency personnel including designated certified person. Relay appropriate information.
  - d) Coordinate equipment designated for such an emergency. A list with contact information will be maintained at the site.
  - e) Contact MSHA and DM. Relay appropriate information.
  - f) Extraction procedures:
    - i) Attempt to locate entrapped equipment as close as possible.
    - ii) Begin extraction efforts once equipment is in place and instructions have been received from a certified person.
    - iii) Remove material from the area surrounding the entrapment.
    - iv) Keep the area as level as possible. Do not create any hazardous slopes that could collapse.
- 5) Procedures for travel by foot travel during non-emergencies:
- a) All foot travel will be under the direct supervision of a certified foreman.
  - b) Feeders will be de-energized, locked out and tagged.
  - c) Miners traveling by foot over the stockpile will be secured with a safety line.
- 6) Procedures for compliance:
- a) This plan will be reviewed with all new personnel and with all personnel during annual retraining and during monthly safety talks.
  - b) Appropriate signs will be made and posted at pertinent locations to remind employees of procedures.

All other requirements of 4 VAC 25-125 will be complied with.

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**Company Official**