## Mine Safety & Health Administration Approval & Certification Center Engineering & Testing Division

## **Inspection Information for CELCON Lightweight Block Stopping**

(Revised 10/17/00)

This stopping is constructed in the same manner as a traditional block and mortar stopping except that this stopping system uses dry stacked CELCON block with sealant to construct the ventilation stopping.

- 1) This is a traditional style block stopping except:
  - The CELCON block is a lightweight block.
- 2) The following is a list of the suitable construction:

H + H Celcon Ltd.	MORTAR	SEALANT	OPTIONAL SEALANTS
Block		(dry-stacking)	(dry stacking)
6" wide (min.) x 8½" high x 17¼" long	none	DuPont "YTF 90 Mine Sealant" 1/8" min. thick	Any MSHA listed silicate based strength enhancing sealant can be used - check list for thickness

- 3) The sealant is applied full face to the high pressure side, or both sides of the stopping at a thickness listed..
- 4) Look for:
  - a. Cracks or voids in existing sealant, mortar or block.
  - b. Evidence of spalling or failure of sealant to adhere to the block.
  - c. Openings or voids around the perimeter of the stopping.