

U.S. Department of Labor

Mine Safety and Health Administration
Pittsburgh Safety & Health Technology Center
P.O. Box 18233
Pittsburgh, PA 15236
Office of Center Chief



January 22, 2008

Frank A. Sisk, President
Precision Mine Repair
705 West Main Street
Ridgway, Illinois 62979

Dear Mr. Sisk:

On behalf of Precision Mine Repair, Mark Bloome, P.E., with Hurst-Rosche Engineers, Inc., has submitted revisions to the Precision seal design for a 120-psi seal for up to 8-foot by 25-foot entries (MSHA Approval Number 120-75.336.1.07.17.0). The revisions are contained in a report entitled "Precision Mine Repair, 120-psi 8 ft. x 25 ft. Blast Seal, Project No. 411-2777, MSHA Seal 120-75.336.1.07.17.2," dated January 8, 2008.

The basic structural requirements for the revised seal remain the same, that is, the seal is to be constructed using concrete reinforced with deformed bar and Precision Mine Repair Welded Wire 3D-Panels. The revision allows for the seal to be installed in front of existing seals less than 10 feet from the corner of the rib, but no less than 5 feet from the corner, provided necessary reinforcement is done according to the plan.

We have verified that the submitted information addresses the items required by Section 75.336 of the Emergency Temporary Standard (ETS). The revised seal design is certified by Mark E. Bloome, P.E., Hurst-Rosche Engineers, Inc., as being in accordance with current, prudent engineering practice.

The revised seal design has been assigned MSHA Seal Approval Number 120-75.336.1.08.17.2.

As indicated in the Section 75.336(a)(5) of the ETS, you must promptly notify MSHA, in writing, of any deficiencies in the seal design or construction of which you become aware of. Before any revisions are implemented to the seal design, a revised application must be submitted and a new approval number must be obtained.

If you have any questions about this approval, please contact this office at 412-386-6902.

Sincerely,

A handwritten signature in black ink, appearing to read "Mr. Terry Hock". The signature is written in a cursive style with a large, sweeping initial "M".

M. Terry Hock
Chief, Pittsburgh Safety and Health
Technology Center

Bcc: M. Skiles, ARL
L. Zeiler, ARL
T. Hoch
J. Urosek
C. Stephan
S. Sawyer
J. Waggett

MSHA:TS:JNWaggett:cjf:1/22/08:BRTN:B145:412-386-6939

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