



Preventive Roof/Rib Outreach Program

Taking a Shortcut Can Cut Your Life Short

Miners have been fatally injured in roof fall accidents while working or traveling under unsupported or inadequately supported roof.

All Underground Mines:

- Install and maintain appropriate roof/ground control where miners work or travel.
- Perform adequate examinations and tests where miners work or travel.
- Recently mined areas may present new potential hazards.
- When installing permanent or temporary support, ensure miners are trained in the proper procedures and sequence of support installation.
- Temporary supports should be installed under the direct supervision of a certified foreman.
- Scale loose roof and ribs from a safe location. Prevent access to unsupported and hazardous areas until appropriate corrective measures can be taken.



Coal:

- Never go under unsupported roof.
- Identify the next to last full row of permanent roof supports with highly visible markers.
- Train all miners and supervisors regularly on the hazards of working and traveling into areas of unsupported roof.
- Ensure through direct supervision by a certified foreman that miners are safely positioned while setting temporary support.

Metal and Nonmetal:

- Don't work directly under ground that you are supporting.
- Scale or support loose ground after blasting.
- Regularly review mining methods and ground support to ensure they are suitable for conditions.
- When using cemented rock fill (CRF), ensure adequate quality control such as aggregate ratios, mixing, delivery, and cured strength.