

# Roof Bolter (Anthracite)



## Best Practice Series BP-60

The Pennsylvania anthracite industry experienced fatalities while miners were installing either roof or rib supports. Several miners were working inby support, a deadly practice nationwide.

Additionally, miners were also injured and only a save by the canopy on a continuous miner prevented another fatality.

### **To prevent yourself from becoming the next statistic:**

- Always test the roof and ribs before proceeding inby to install temporary supports.
- Know your roof and rib control plan requirements and install additional support where needed.
- Take a minute or two to observe the area to be supported. Look for cracks or other indications of faults present.
- Prepare, in advance whenever possible, a list of the materials needed.
- When installed supports indicate excessive loading, install additional support/relief timber from outby, advancing toward the area needing supports.
- Never work inby support other than to install new supports.

*Arrive Home Alive*

**U.S. Department of Labor  
Mine Safety and Health Administration  
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