

<u>DIVISION OF MINES GUIDELINES FOR APPLICATION OF REGULATORY STANDARDS MANUAL</u>	
COAL MINE SAFETY ACT	CHAPTER 14.3
ARTICLE 4	MECHANICAL EQUIPMENT
Issue Date: 4/10/00 Revised Date:	Page 1 of 1

Section 45.1-161.124. A.

Shop and Other Equipment

Mechanical Equipment Guards

Guards installed to prevent contact with moving parts of machinery be:

- Of a substantial construction so as to provide protection during operational conditions and practices.
- Designed and installed so as to prevent any part of a person's body from making contact with moving parts.
- Firmly bolted or otherwise securely attached to the machinery.

Any guard on mechanical equipment previously installed by the manufacturer must be maintained in place, except for repairs. The guard is to be replaced prior to the machine being placed back in operation.

The MSA does not specify the material which must be used for guarding mechanical equipment. Metal, wire mesh, belting, wood or other materials may be used if they are effectively installed and provide adequate protection in the judgement of the mine inspector.

The approaches to mine fans must be adequately guarded as follows:

- The outby access to exposed blades must be completely guarded.
- The inby access must be guarded at least six feet on the inby side of the fan blades with a substantial barrier across the entire width and at least one-half the height of the air course. Cable, chain or other adequate guards may be used.

The mine inspector must inspect all belt, chain and rope drives to ensure that guarding is in place to adequately prevent persons from becoming entangled between the rollers and conveyor belt, chain or rope.