

1. The fan motor shall be an enclosed type, the surroundings of the fan fireproofed, and the fan installed and located so as to prevent recirculation of air.

2. Passageway by the fan installation shall be by means of an air lock, the doors of which shall have at least 30 square feet cross-sectional area and open automatically when the fan stops operating.

3. In case of booster-fan stoppage, the procedure hereinbefore contained in this Act with respect to stoppage of main fans shall apply to the section of the mine affected.

4. Inspected at least twice each shift and provided with a signal light, audible signal, or attended constantly.

(b) Blower fans with tubing used in gassy mines shall be surrounded with safeguards as follows:

1. The fan shall be powered with a permissible driving unit and installed on the intake-air side of the entrance of the place to be ventilated not less than 16 feet from the nearest rib.

2. The volume of air in which the fan is placed shall be at least $2\frac{1}{2}$ times the manufacturers maximum rated capacity of the fan.

3. The fan and tubing shall be maintained in good condition. The discharge end of the tubing shall be kept within 35 feet of the face, and not more than 300 feet of the tubing shall be extended from the fan.

4. Places ventilated by means of blower fans shall be examined for methane by a certified official or other competent person designated by the mine foreman before the fan is started at the beginning of the shift and after the interruption of fan operation for 5 minutes or more during the shift.

5. Accumulations of methane shall not be moved by means of a blower fan and tubing; only line brattice shall be used for this purpose.

6. The fan and tubing shall be inspected at least twice during each working shift.

101. (a) Volume of Air. The main intake air current shall when necessary be divided into splits utilizing air crossings, where needed, so as to ventilate all parts of the mine effectively.

The number of men on a split shall be limited to 75.