

(E) COURSING OF AIR.

(1) SEPARATE OPENINGS.--THE MAIN INTAKE AND MAIN RETURN AIR CURRENTS IN SLOPE MINES SHALL BE IN SEPARATE OPENINGS.

(2) LIQUID-FILLED TRANSFORMERS.--UNDERGROUND STABLES, BATTERY CHARGING STATIONS, AND TRANSFORMER STATIONS CONTAINING LIQUID-FILLED TRANSFORMERS SHALL BE WELL VENTILATED BY SEPARATE SPLITS OF AIR CONDUCTED THROUGH VENTS TO THE RETURN AIR COURSES AND RETURNING DIRECTLY TO THE SURFACE.

(3) CHANGES IN VENTILATION.--CHANGES IN VENTILATION THAT MAY AFFECT THE SAFETY OF THE WORKERS SHALL BE MADE WHEN THE MINE IS IDLE, WHEN NO WORKERS OTHER THAN THOSE ENGAGED IN CHANGING THE VENTILATION ARE IN THE MINE.

REVISOR'S NOTE: This subsection presently appears as Article 66C, section 569(a) through (c), inclusive, of the Code. The reference to "June 1, 1949", is proposed for deletion as obsolete. The only other changes made are in style.

(F) QUALITY OF AIR.--

(1) DEFICIENCY OF OXYGEN AND EXCESS OF CARBON DIOXIDE.--AIR IN MINES IN WHICH WORKERS WORK OR TRAVEL SHALL BE IMPROVED IF IT CONTAINS LESS THAN 19.5 PERCENT OXYGEN, MORE THAN 0.75 PERCENT CARBON DIOXIDE, OR IS CONTAMINATED WITH ANY NOXIOUS OR POISONOUS GAS.

(2) EXCESS METHANE.--IF THE AIR IMMEDIATELY RETURNING FROM A SPLIT THAT VENTILATES ANY GROUP OF ACTIVE WORKINGS CONTAINS MORE THAN 1.0 PERCENT METHANE, AS DETERMINED WITH A PERMISSIBLE FLAME SAFETY LAMP, BY AIR ANALYSIS OR BY OTHER RECOGNIZED MEANS OF ACCURATE DETECTION, THE VENTILATION SHALL BE IMPROVED.

(3) EXCESS METHANE RETURNING FROM A SPLIT.--IF THE AIR IMMEDIATELY RETURNING FROM A SPLIT CONTAINS 1.5 PERCENT METHANE, A DANGEROUS CONDITION EXISTS AND THE WORKERS SHALL BE WITHDRAWN FROM THE MINE OR ITS AFFECTED PORTION. POWER SHALL BE CUT OFF FROM THE MINE OR ITS AFFECTED PORTION UNTIL THE DANGEROUS CONDITION HAS BEEN CORRECTED.