

in certain proportions of the mixture,  $5\frac{1}{2}$  to  $14\frac{1}{2}$  per cent., the mixture will explode in the presence of a flame or hot spark.

(l) "Mine" includes the shafts, slopes, drifts or inclined planes connected with the excavations penetrating coal stratum or strata, which excavations are ventilated by one general air current, and all appliances and equipment for hoisting and extracting coal; and shall embrace any and all parts of the mining property and plant on the surface or underground, which contributes directly or indirectly to the mining or handling of coal; and which is connected by one general system of mine railroads, over which coal may be delivered to one or more points outside such mine. The word also includes a portion of a mine or opening whether or not such mine or opening employs a system of railroads, when the sense so requires. Any Mine Inspector or the Director of the Maryland Bureau of Mines shall have the right to enter and inspect all mines for the purpose of determining the conditions of safety in any such mine. In case a mine inspector or the Director shall find any such mine to be unsafe, or to be operated in any unsafe manner, he shall order such unsafe conditions to be forthwith corrected, and in default of the owner or operator doing so, shall order such mine or mines closed until the unsafe conditions are corrected.

(m) A non-gassy mine is one in which methane gas has not been detected by an approved or permissible flame safety lamp or detector or device or by air analysis in an amount of 0.25 percent or more.

(n) "Operator" means any firm, corporation, association or individual operating any coal mine or part thereof, whether as an owner, lessee or otherwise, and also includes the representative of such operator.

(o) "Panel" means a unit area in a system of mining by which the mine is divided into large rectangles or panels isolated or surrounded by solid pillars of coal into which pairs of entries are driven for the development of rooms and the extraction of pillars.

(p) "Permissible," Unless the context requires a different sense, means the admission of a device, plan, formula, method, machine or course of action by the United States Bureau of Mines to a list, after actual test thereof.

(q) Potential and Voltage shall be taken as synonymous, to mean electric pressure as determined by the voltmeter.