

(a) *Finishing and assembling buildings, pressing buildings, and mixing buildings constructed, improved, or to which additions are made after July 1, 1970, shall have exterior walls and roofs constructed of non-combustible material and be of frangible or "break-way" construction.*

(b) *No building shall have a basement or be more than one story high. Interior wall surfaces and ceilings of buildings shall be smooth, free from cracks and crevices, fire resistive, and with a minimum of horizontal ledges upon which dust may accumulate. Wall joints and openings for wiring and plumbing shall be sealed to prevent entry of dust. Floors and work surfaces shall not have cracks or crevices in which explosives may lodge. Mixing and pressing buildings shall have conductive flooring, properly grounded, and conductive footwear shall be worn by operating personnel and visitors.*

(c) *All buildings shall have conspicuously posted signs indicating the maximum number of workers and transients permitted therein at any one time.*

(d) *Small buildings, in which the designated capacity is one person, may have only one exit. All other buildings shall have at least two exits for each operating room or building. Each exit shall be at least 30 inches wide and located at opposite ends of the area involved. Exits shall be located so that the path of travel from the work place is unobstructed. Exit doors shall open outward, shall not be locked during hours of occupancy, and shall not be obstructed.*

(e) *No stoves, exposed flame, or electric heaters may be used in any part of a fireworks plant except in a boiler room, machine shop, office building, pumphouse, or lavatory in which the presence of fireworks, fireworks components, or volatile chemicals is prohibited. Heating shall be by means of steam, indirect hot air radiation, hot water, or any other means approved by the State Fire Prevention Commission. Unit heaters located inside buildings which at any time contain explosive composition shall be equipped with explosion-proof motors, and switches controlling the motors shall be located outside the building.*

(f) *Where artificial lighting is required, it shall be by electricity with vapor-proof keyless lamps. Temporary or loose electric wiring or extension lights are prohibited, except during repair operations while using approved type temporary extensions and only after the area has been cleared of all explosive composition and washed down of dust. All wiring shall be of permanent character installed in approved conduit. All electrical service shall be in accordance with applicable electrical codes. No open knife switches shall be used inside buildings, except in warehouses.*

(g) *In any building which at any time contains explosive composition, all electric motors, fans, open switches or other devices capable of producing an open spark shall be located on the outside of the building in such manner that no open spark can be introduced into the building. All presses and other mechanical devices shall be properly grounded to prevent the accumulation of static electricity.*

(h) *A master switch shall be provided at the point where electric current enters the plant, which will, upon being opened, immediately cut off all electric current to the plant.*