

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

(c) Where artificial lighting is required, such lighting shall be by electricity with vapor-proof keyless lamps. Temporary or loose electric wiring, or extension lights are prohibited. All wiring shall be of permanent character installed in approved conduit. No open knife switches shall be used inside buildings, except in warehouses in which only inert materials are stored.

(d) 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.

(e) 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.

[18D] 22. Same—Miscellaneous safety requirements.

(a) No person other than authorized employees, or representatives of authorized State or federal departments having jurisdiction over such establishments, shall be allowed in any fireworks plants, except upon written permission of the owner, manager or person in authority. This restriction shall not apply to persons visiting office buildings only.

(b) No smoking, or carrying of lighted pipes, cigarettes, cigars, or any open flame, shall be permitted within the plant fence; except that smoking may be permitted in office buildings or buildings used exclusively as lunchrooms or rest rooms and in which the presence of explosives or fireworks is prohibited.

(c) No production building shall contain at any one time more than two hundred pounds of explosive composition, including that in raw materials, work in process or finished fireworks.

(d) Production buildings shall be kept clean, orderly and free from accumulation of dust or rubbish. Powder or other explosive materials, when spilled on the floor, shall be immediately cleaned up and removed from the building.

(e) Adequate and appropriate fire extinguishers meeting standard insurance requirements shall be located in buildings, and shall be readily accessible at all times.

(f) All waste and reject hazardous material shall be removed from all buildings daily and shall be removed from the plant at regular intervals and destroyed by submersion in water, or by burning. Nonhazardous waste shall be removed from the plant at regular intervals and disposed of in a public dump or by other suitable means.