

GAS AND KEROSENE LIGHTING EQUIPMENT

1. GENERAL

1.01 This practice covers the general procedure, from a fire protective view point, to be followed in the installation and maintenance of gas and kerosene lighting equipment. These types of lighting equipment are used for emergency lighting as covered in the following paragraphs.

2. GASOLINE OR ACETYLENE LIGHTING

Plants

2.01 Gasoline or acetylene lighting plants shall not be used in telephone buildings.

3. EMERGENCY LIGHTING

3.01 If either electric service or gas, but not both, is available for regular use and the interruptions are infrequent, candle lanterns or battery flash lights may be used for emergencies.

3.02 If the regular lighting is unreliable and the interruptions are frequent standard kerosene lamps or battery flash lights shall be used for emergency lighting.

4. OPEN FLAME LIGHTS

4.01 Open flame lights of any kind shall not be used, i. e., - (without globes)

5. GAS LIGHTING

5.01 Movable gas brackets shall not be used in locations where the gas flame can be brought in contact with woodwork or other combustible material. A combustible ceiling or partition exposed to a gas light at a distance of less than 18 inches shall be provided with a metal heat deflector of suitable size so placed that there is at least 3" of air space between the deflector and the ceiling. Flexible tubing or lead piping shall not be used for connecting gas lights.

5.02 All globes on gas arc lamps shall be provided with wire globe nets as a safeguard against falling glass in event of breakage.

6. KEROSENE LIGHTING

6.01 Where gas or electricity is not available, or where kerosene lamps are used for emergency lighting the standard bracket reflector lamp shall

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be used, so mounted that curtains or other combustible materials cannot come in contact with the lamps.

6.02 Swinging bracket lamps are not approved.

6.03 A combustible ceiling exposed to a kerosene lamp at a distance of less than 18" shall be provided with a heat deflector of tin or porcelain enameled iron of suitable size so placed that there is at least 3" of air space between the deflector and the ceiling.

6.04 Oil lamps for inside use shall be of a type in which the fount is not detachable from the framework, or if detachable is set in from above.

6.05 Lamps shall be refilled in daylight and while not burning. They shall be carefully cleaned before using.

7. CANDLE LANTERNS

7.01 Candle lanterns, when used, shall be of a type having a metal framework and a lamp chimney. Such lanterns shall not be used as portable lights for examining wiring, etc. When a self contained portable light is needed for such purposes, flash lights shall be used.

8. BATTERY FLASH LIGHT

8.01 Battery flash lights, when used, shall be of the standard type.