

## ***Installation of Electric Sign***

### **Regulation 26. Electric sign.**

- (1) No circuit for an electric sign shall use voltage exceeding 7,500 volts to earth, measured on an open circuit.
- (2) There shall be an effective means of disconnection or isolation so that repair and maintenance of an electric sign may be safely carried out.
- (3) The switch normally used for controlling the circuit shall be of the double-pole type and of sufficient current rating.
- (4) The switch referred to in subregulation (3) shall be installed in an easily accessible position and shall be marked "SUIS KAWALAN".
- (5) Any exposed frame or metal part of an electric sign and any metal sheath or conduit enclosing a cable shall be effectively earthed.
- (6) An Electric Sign Contractor who installs an electric sign shall notify the officer-in-charge of the local Fire Brigade before the electric sign is put into use.

### **Regulation 27. Fireman's switch, notice and transformer.**

- (1) A fireman's switch shall be provided for—

- (a) any exterior electric sign; and
- (b) any interior electric sign,

which are unattended.

- (2) The fireman's switch referred to in subregulation (1) shall comply with the following requirements:

- (a) it shall be arranged so that it is capable of isolating the electric sign from all poles of the supply except from the neutral of a three-phase four-wire supply;
- (b) it shall be painted red and near it shall be fixed a name-plate having the words "SUIS BOMBA" inscribed on it in white block capital letters and the "ON" and "OFF" position shall be clearly indicated with the "OFF" position at the top and all letterings shall be legible to a person standing on the ground;
- (c) it shall be fixed in a conspicuous position reasonably accessible to a fireman and not more than 2, 700 millimetres from the ground;
- (d) in respect of an exterior electric sign, the switch shall be directly below the electric sign or a notice indicating its position shall be placed directly below the electric sign and a name-plate shall be fixed near the switch so as to render it clearly distinguishable;

(e) in respect of an interior electric sign, the switch shall be on the main entrance to the building or in a position agreed to by the officer-in-charge of the local Fire Brigade;

(f) where more than one fireman's switch is installed in any one building, every such switch shall be clearly marked to indicate the electric sign or the section of the electric sign which it controls and the officer-in-charge of the local Fire Brigade shall be notified accordingly;

(g) a fireman's switch shall be provided with a lock or catch designed to prevent the switch from being inadvertently or accidentally returned to the "ON" position; and

(h) wherever practicable, an exterior electric sign on any one building shall be controlled by a single fireman's switch.

(3) A danger notice not less than 150 millimetres wide by 100 millimetres high made of suitable material with the lettering in red on a white background bearing the words "BAHAYA VOLTAN TINGGI" shall be fixed in a prominent position adjacent to an electric sign or to a transformer if it is not immediately adjacent to the same electric sign, and in the case of a portable electric sign, the notice shall be fixed to the transformer.

(4) A transformer used in an electric sign shall bear a name-plate showing the following:

(a) the maker's name and address;

(b) the maker's type designation;

(c) open-circuit root mean square (r.m.s.) secondary voltage to core;

(d) rated primary current;

(e) rated primary voltage; and

(f) frequency.

**Regulation 28. Steps to be taken by owner or management.**

The owner or management of an installation shall—

(a) at all times maintain the electric sign to ensure adequate safety to obviate danger from arising; and

(b) take adequate precautions to prevent any unauthorised person from coming into contact with any part of the electric sign.