In this Chapter :

Intent of the Chapter

- To provide minimum requirements of fire and life safety to utility occupancies such as Substation, Pumping Station, Sewage Treatment Facilities, Cooling Towers, and Telephone Switching Stations

1. Definitions

1.1. General

1.1.1. Shall

It is a mandatory requirement by Civil Defence.

1.1.2. Should

It is a suggested requirement recommended by Civil Defence but not mandatory.

1.1.3. Listed

Approved and registered by individual Emirates' Civil Defence material department.

1.1.4. Watts

V X I = W.

Where V is voltage—Voltage—The electromotive force or potential difference, measured in volts. Voltage is the "pressure" that pushes an electrical charge through a conductor.
I is Amperage or Current—The amount of electrical charge flowing past a given point per unit of time, measured in amperes or amps. Amperage is the measure of electrical current flow.
W is Wattage— The rate at which an appliance uses electrical energy. Wattage is considered the amount of work done when one ampere at one volt flows through conductor having one ohm of resistance.