



## Regulations of Construction Conditions And Specifications in the Emirate of Sharjah

### **Second: Wind Loads.**

British Code No. 6399 – Part II- for the year 1995, or British Code No. 2 –Chapter five- Part II for the year 1972. It should be noted that the basic wind speed in the Emirate of Sharjah is (45m/second), and for industrial installations up to height of 10m, the wind speed shall be adopted as (100km/m).

### **Third: Live Loads on Ceiling.**

British Code No. 6399 – Part III – 1988. Provided that calculations should take into account the dynamic impact and concentration of loads resulting from the air-conditioning sets and equipment, water tanks, sands accumulation on the roof partition edges and the impact of helicopters landing.

### **Fourth: Earthquakes Loads.**

1. (Code USA – Chapter 16 Division III to V – UBC-Uniform Building) 1997. With the necessity of complying with the following values for the coefficients stated in the equation of calculating the horizontal static forces equivalent to earthquakes actions.
2. Tension coefficient based on the area shall be taken as a basis for the area (2A).
3. Soil coefficient, which shall be taken on the basis of table 16-j of earthquake code UBC 1997.

## **Article (2/76): Design Codes**

### **Foundations:**

British Code (BS 8004:1986).

### **Installations of reinforced concrete or post tensioning concrete, or ordinary concrete:**

British Code No. 8110.

(BS 8110: Part 1: 1997) for design and construction.

(BS 8110: Part 2: 1985) for considerations relevant to design.

(BS 8110: Part 3: 1985) for tables and drawings relevant to design.

### **Steel Installations.**

British Code No. 449 – Part 2- 1969, or British Code No. 5950.

(BS 5950, Part 1: 1985).

(BS 5950, Part 2: 1985).