



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

(BS 5950, Part 4: 1982).

(BS 5950, Part 5: 1987).

### **Compound Steel Installations.**

British Code (Part 1:CP 117: 1965).

### **Concrete Block Installations.**

British Code No. (5628: Part 1: 1978/as read with BS 5628: Part 3), in addition to the local orders issued by Municipality concerning the concrete block.

### **Aluminum Installations.**

British Code No. (CP 118: 1969).

### **Wood Installations.**

British Code No. 5268 – Part 2 – 1989, and Part 3 – 1985.

### **Article (2/77): Other Design Codes.**

Construction designs can be prepared by referring to other construction codes other than the British ones provided getting the Municipality approval thereon.

## **Standards of Design and Execution**

### **Article (2/78): Design against the Successive Collapse.**

For avoiding the unbalanced successive collapse to all installations consisting of five floors and over (Including the basement floors), the following must be observed:

1. The critical essential elements in installations shall be designed to withstand extraordinary external force of 34KN/M2 loaded alternatively to all sides of the concerned element in addition to the other loads this element maybe subjected to.
2. The design of all installation components shall be made so as to determine any collapse once happened to be within (70m2 or 15% of the storey area whichever lesser concerning the relevant storey and that one above it and the one below it immediately).
3. For realizing this in respect to installations to be constructed that are consisting of five floors or more, the Code recommendations in respect to the bracing inside the building must be observed, and after observing