

SECTION 3 - FOUNDATIONS AND SUPPORTS

3-01 GENERAL

All equipment and piping shall be mounted or suspended from steel brackets, foundations or supports, all as shown and as required.

Shop drawings, other information and templates for all foundations/ supports, etc. where used, shall be provided by Contractor.

Foundations and vibration isolation mountings for various equipment and piping, where used shall be as per requirements specified.

3-02 MOUNTING OF EQUIPMENT

3-02.1 Floor or Roof Mounted Equipment:

All floor or roof mounted equipment shall be placed on at least 100 mm concrete house keeping pads, unless otherwise indicated. The pads shall be constructed on 25mm thick cork-sheet. Protective curbs shall be provided on all sides of the pad to protect the cork sheet edges. Special attention shall be given to the equipment at roof and intermediate floors and manufacturer's recommendations for prevention of vibration and noise travel to the structure shall be adopted. The foundation details shall be subject to the approval of the Engineer.

3-02.2 Ceiling-Hung A.C Units

All ceiling-hung equipment shall be hung from ceiling (concrete slab) with hanging rods suspended from Rawl Bolts fixed in the concrete slab.

3-02.3 Wall Mounted A.C Units

Wall mounted A.C units shall be fixed on wall with Rawl bolts. Neoprene gaskets shall be provided between the wall and A.C units to eliminate transmission of vibration.

3-03 MEASUREMENT AND PAYMENT

Measurement:

Measurement of acceptably completed works of this item will be made in the unit of LOT/JOB, acceptably furnished and where required installed, tested and commissioned.

Payment:

Payment will be made for acceptable measured number of respective items on the basis of lumpsum price per LOT/JOB quoted against the respective item in the Bill of Quantities, and shall constitute full compensation for all the works related to these item.