

GENERAL**1.1 RELATED WORK**

- .1 The General Conditions and General Specifications form an integral part of this specification and must be read in conjunction herewith. Read also and be fully cognizant of all Mechanical Sections.

1.2 SCOPE OF WORK

- .1 Provide all vibration isolation and mechanical noise control and measures to prevent transmission of objectionable noise and vibration to the building structure.
- .2 Provide all necessary drawings, including isolator location for the purpose of installation of sound and vibration control products.
- .3 Supervise the work of the various sub-contractors pertaining to this Division. This includes the supervision of the installation of equipment mentioned in this Division. Submit written report to the Contract Administrator upon completion of supervision.
- .4 The installation of sound isolators and vibration spring isolators, shall be the responsibility of the Contractor.
- .5 The housekeeping pads shown on drawings and called for in this Division shall be provided by the Contractor.
- .6 All concrete to be supplied by the Contractor.

MATERIALS**2.1 MANUFACTURER**

- .1 The work of this Division shall be carried out by a company that is engaged in the design, development and manufacture of vibration isolation and silencer products referred to hereinafter as the "manufacturer".
- .2 The manufacturer to ensure that vibration in the structure induced by mechanical systems does not result in any sound level in excess to those defined in the latest edition of ASHRAE Fundamentals. The sound level in any part of the building not to exceed in any Octave Band the Noise Criteria as described in the guide mentioned above.

2.2 VIBRATION ISOLATION MANUFACTURERS:

- .1 Amber-Booth Co./VMC Group
- .2 Airmaster
- .3 Vibro-Acoustics

2.3 PIPE ISOLATION MANUFACTURERS:

- .1 Amber-Booth Co./VMC Group
- .2 Airmaster
- .3 Vibro-Acoustics

2.4 EQUIPMENT VIBRATION ISOLATION

- .1 **Pad Isolator – Elastomeric Standard Density Type**
 - .1 Provide elastomeric mountings, corrugated or waffle faced both sides, single or double layered, of size and thickness as specified for the particular equipment.
 - .2 Load distribution plates shall be used as required.