

Acoustics/Noise Seminar

1. Introduction
 - a. Definitions
 - b. Frequency
 - c. Sound Power/Sound Pressure
 - d. Decibel
 - e. Octave Band
 - f. Single Number Noise Measurements
2. Design Information your Engineer has for his/her design
 - a. Sound Data
3. Allowable Noise Levels (Recommendations the engineer should give to Architect)
 - a. Noise Criteria (and curve)
 - b. Room Criteria (and curve)
4. Sound Paths (What the engineer should be analyzing)
 - a. Supply duct
 - b. Return duct
 - c. Break-out
 - d. Radiated
5. Architectural Elements in the Noise Path (Part of the dialog between Architect and Engineer)
 - a. Sound transmission loss
 - b. STC
6. Examples of Noise Control (Putting it all together)
 - a. Attenuation
 - b. Insertion loss
 - c. Sound transmission class

Approximate Presentation Time: 60 minutes