

# Noise Control Manual

## Noise Control Manual

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The subtitle of this manual is: "Guidelines for Problem-Solving in the Industrial/Commercial Acoustical Environment." The dust cover informs the reader that the manual was prepared by unnamed experts at the Noise Control Association, an association of manufacturers of noise control products, materials, and systems. Intended to assist the newcomer with the basics of noise control, this non-mathematical introduction to the subject consists of 8 chapters and 5 appendices.

Using the source-path-receiver model, the main text covers sound absorbing materials, sound barriers, vibration damping and isolating materials, silencers, systems for noise control and office acoustics. The appendices give a glossary of acoustical terms, a list of acoustical standards, a compilation of acoustical data, a bibliography and a 22-page design guide with worksheets. The design guide covers some of the most important calculations that are necessary for the solution of a typical noise control problem.

This manual is intended to be a working tool for plant engineers, safety managers, regulatory enforcement officers, and mechanical designers in industrial, commercial, and institutional environments. The book is well illustrated and contains a number of worked examples.