

Industrial Noise Control

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This is the second edition of a book on industrial noise control which was first published 12 years ago. The text is well organized with Part I devoted to the fundamentals of noise - propagation of sound, levels and decibels, measurement of sound and psychoacoustics. Part II on noise control methods covers materials, sound absorption, enclosures, silencers, and vibration control. Part III is devoted to the nature of sound sources, and covers noise emission from a very wide variety of sources, including fans and blowers, gears, gas jets, and various types of noisy machinery. There is a short description of active duct silencers included in the section of absorptive and reactive silencers.

Part IV is devoted to environmental acoustics, and covers both indoor and outdoor noise control as well as environmental noise regulations and personal hearing protection. The type fonts and style selected by the publisher are reminiscent of those used in Noise/News in the few years before the newsletter was converted to this magazine in 1993. The text is very readable, but letter symbols are often in roman type rather than italic type. Both English and metric units are used in the text.