



# Industrial Noise Control and Acoustics (Mechanical Engineering)

By Randall F. Barron

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Compiling strategies from more than 30 years of experience, this book provides numerous case studies that illustrate the implementation of noise control applications, as well as solutions to common dilemmas encountered in noise reduction processes. It offers methods for predicting the noise generation level of common systems such as fans, motors, compressors, and cooling towers, selecting the appropriate equipment to monitor sound properties, assessing the severity of environmental noise, modifying the sources, transmission paths, and receivers of sound, estimating sound pressure levels, designing mufflers, silencers, barriers, and enclosures, and isolating machine vibration.

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