

**Noise & Hearing Conservation - References for Good Practice:  
Standards, Regulations, and Recommended References  
Pertaining to Noise, Vibration, and Noise-Induced Hearing Loss**

The purpose of this document, prepared by the American Industrial Hygiene Association (AIHA) Noise Committee in conjunction with the National Hearing Conservation Association (NHCA), is to provide a comprehensive (but not exhaustive) guide to standards, regulations, and recommended references pertaining to noise and hearing loss. It is intended for the practitioner in hearing conservation, not necessarily for those involved in research or teaching, although it undoubtedly will also be helpful in that regard. Out-of-date standards, regulations, and historical references have not been included unless they bear directly on current practice. Not all text books have been referenced, rather the committee limited its choices to those which were most familiar to its membership and the ones which were most respected.

The document contains approximately 200 references organized in the following sections:

1. Overview
2. Hearing Conservation Program Administration Guidelines
3. Quick References
4. Professional Organizations, Publications, and Home Pages
5. TLVs
6. Guidelines, Position Statements, and Criteria Documents
7. National and International Standards
8. Databases and Programs
9. Handbooks, Textbooks, and Review Articles
  - Acoustics and Noise Control
  - Community Noise
  - Hearing Conservation
  - International Conferences/Multiple Topics
  - Medical/Legal
  - Non-Auditory
  - Physiology and Psychoacoustics
  - Vibration
10. U.S. Government Regulations and Reports
11. Other Regulations and Reports

The organization of this document is primarily based upon the information resource (sections 4 - 11), but for ease of use and for those who wish to limit the depth and extent of their literature review, the first three sections list key references that provide an overview and synopsis of the issues. For those few articles which appear in sections 1 - 3, and also in a later section, the second appearance is provided as a cross reference to the earlier section.

**NOTES ON AVAILABILITY**

To provide a glimpse of the content of the *References for Good Practice* and for your immediate information, the first three sections of the document follow, and are printable from the web page.

Members of NHCA may request a free copy of the entire document from the NHCA Executive Offices. Non-members may purchase the document for \$50. Alternatively, this document is available as Appendix II of *The Noise Manual*, 5<sup>th</sup> edition, published by the American Industrial Hygiene Association (AIHA), available at their web site [www.aiha.org](http://www.aiha.org). The most current version of the document was updated in 2000. Additional updates to this synopsis provided in 2004.

### 1. Overview

A good overview of the nature and scope of noise and hearing is provided by the following document that resulted from a consensus conference sponsored by the US National Institutes of Health.

Natl. Inst. of Health (1990). "Noise and Hearing Loss - Consensus Conference," J. Am. Med. Assoc. 263(23), 3185-3190.

### 2. Hearing Conservation Program Administration Guidelines

Several texts have been produced to aid in development and administration of hearing conservation programs. For additional titles see later section, "Handbooks, Textbooks, Guidelines and Review Articles."

Berger, EH, Ward, WD, Morrill, JC, and Royster, LH (1986). *Noise & Hearing Conservation Manual, 4<sup>th</sup> Edition*, American Industrial Hygiene Assoc., Fairfax, VA.

Franks, JR, Stephenson, MR, and Merry, CJ (1996). "Preventing Occupational Hearing Loss - A Practical Guide," U. S. Dept. of HHS (NIOSH) Rept. 96-110.

Royster, JD and Royster, LH (1990). *Hearing Conservation Programs: Practical Guidelines for Success*, Lewis Pub., Chelsea, MI.

Suter, AH (2002). *Hearing Conservation Manual, 4<sup>th</sup> Edition*, Council for Accreditation in Occupational Hearing Conservation, Executive Office, Milwaukee, WI.

### 3. Quick References

These publications and pamphlets provide concise and to-the-point information on specific issues.

ASHA (~1990). "Noise in Your Workplace," American Speech-Language-Hearing Assoc., Rockville, MD.

Berger, EH (1979-1993). *E-A-RLog Series* of Technical Monographs on Hearing and Hearing Protection, Nos. 1 - 20, Aearo Company, Indianapolis, IN.

NHCA (1996). "A Practical Guide to: Selecting Hearing Protection," National Hearing Conservation Assoc., Guide #1, Denver, CO.

NHCA (1996). "A Practical Guide to: Fitting Hearing Protection," National Hearing Conservation Assoc., Guide #2, Denver, CO.

NHCA (1996). "A Practical Guide to: Mobile Hearing Testing and Selecting a Provider," National Hearing Conservation Assoc., Guide #3, Denver, CO.

NHCA (1998). "A Practical Guide to: Complying with OSHA's Hearing Conservation Amendment CFR 1910.95," National Hearing Conservation Assoc., Guide #4, Denver, CO.

NHCA (1996). "A Practical Guide to: Noise and Hearing in the Farming Community," National Hearing Conservation Assoc., Guide #5, Denver, CO.

NHCA (1997). "A Practical Guide to: Hearing Loss Prevention for Musicians," National Hearing Conservation Assoc., Guide #6, Denver, CO.

NHCA (1998). "A Practical Guide to: Firearm Use and Hearing," National Hearing Conservation Assoc., Guide #7, Denver, CO.

OSHA (1980). "Noise Control: A Guide for Workers and Employers," OSHA 3048, a highly recommended booklet adapted from a publication of the Swedish Work Environment Fund, Washington, DC.

OSHA (1992, revised). "Hearing Conservation," OSHA 3074, synopsis of the Hearing Conservation Amendment, Washington, DC.

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