

HAWAII ADMINISTRATIVE RULES

TITLE 12

DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS

SUBTITLE 8

DIVISION OF OCCUPATIONAL SAFETY AND HEALTH

PART 8

HEALTH STANDARDS

CHAPTER 200.1

OCCUPATIONAL NOISE EXPOSURE

- §12-200.1-1 State amendments to 29 CFR 1910.95
- §12-200.1-2 Incorporation of federal standard

Historical note: Chapter 12-200.1 is based substantially upon chapter 12-200. [Eff and comp 12/6/82; am 5/28/83; am 6/16/84; am 8/5/88; am 8/10/95; R 12/29/01]

**§12-200.1-1 State amendments to 29 CFR 1910.95.** (a) 29 CFR 1910.95(b)(1), Table G-16, entitled Permissible Noise Exposures, is amended to read as follows:

TABLE G-16-PERMISSIBLE NOISE EXPOSURES<sup>1</sup>

| Duration per day, hours | Sound level dBA<br>slow response |
|-------------------------|----------------------------------|
| 8.....                  | 90                               |
| 6.....                  | 92                               |
| 4.....                  | 95                               |
| 3.....                  | 97                               |
| 2.....                  | 100                              |
| 1½.....                 | 102                              |
| 1.....                  | 105                              |
| ½.....                  | 110                              |
| 1/4 or less.....        | 115                              |

<sup>1</sup>When the daily noise exposure is composed of two or more periods of noise exposure of different levels, their combined effect shall be considered, rather than the individual effect of each. If the sum of the following fractions:  $C_1/T_1 + C_2/T_2 + \dots + C_n/T_n$  exceeds unity, then, the mixed exposure shall be considered to exceed the limit value.  $C_n$  indicates the total time of exposure at a specific noise level, an  $T_n$  indicates the total time of exposure permitted at that level.

Exposure to impulsive or impact noise shall not exceed 140 dB peak sound pressure level.

(b) 29 CFR 1910.95 (c)(1), is amended to read as follows: (c) Hearing conservation program. (1) The employer shall administer a continuing, effective hearing conservation program, as described in paragraphs (c) through (o) of this section, whenever employee noise exposures equal or exceed an 8-hour time-weighted average sound level (TWA) of 85 decibels measured on the A scale (slow response) or a TWA of 50 percent. For purposes of the hearing conservation program, employee noise exposures shall be computed in accordance with appendix (a) and table G-16a, and without regard to any attenuation provided by the use of personal protective equipment. [Eff 12/29/01] (Auth: HRS §396-4) (Imp: HRS §396-4)

**§12-200.1-2 Incorporation of federal standard.** Title 29, Code of Federal Regulations, section 1910.95, entitled "Occupational Noise Exposure" published by the Office of the Federal Register, National Archives and Records Administration, on June 27, 1974; and the amendments published on January 16, 1981; December 29, 1981; March 8, 1983; June 28, 1983; June 7, 1989; and March 7, 1996, are made part of this chapter, except as provided in section 12-200.1-1. [Eff 12/29/01] (Auth: HRS §396-4) (Imp: HRS §396-4)