

§ 70.507

(d)(1) Sound level meters and personal noise dosimeters used by an operator in fulfilling the requirements of this subpart shall be acoustically calibrated in accordance with the manufacturer's instructions before and after each shift on which the meter is used.

(2) Sound level meters and personal noise dosimeters used by an authorized representative of the Secretary shall be acoustically calibrated in accordance with the manufacturer's instructions or by another equivalent procedure before and after each shift on which the meter is used.

(3) Personal noise dosimeters shall be recalibrated annually, including, as a minimum, the following:

(i) Visual inspection of the microphone for any foreign matter or damage,

(ii) Comparison of the dosimeter, at 1000 Hz, with a laboratory type condenser microphone of known sensitivity, and

(iii) Frequency response testing in a free or diffused field where the sound field is established using a laboratory type condenser microphone of known sensitivity.

(4) A document containing the date of the annual recalibration of each personal noise dosimeter and the names of the individual and organization performing the calibration shall be kept on file at each mine office.

(e)(1) Acoustical calibrators which are used to calibrate sound level meters and personal noise dosimeters shall be recalibrated once a year using a laboratory type condenser microphone of known sensitivity as determined by a National Bureau of Standards calibration.

(2) A document containing the date of the annual calibration of each acoustical calibrator and the names of the individual and organization performing the calibration shall be on file at each mine office.

(Sec. 101, Federal Mine Safety and Health Act of 1977, Pub. L. 91-173 as amended by Pub. L. 95-164, 91 Stat. 1291 (30 U.S.C. 811); sec. 301, Federal Mine Safety and Health Amendments Act of 1977, Pub. L. 95-164, 91 Stat. 1317 (30 U.S.C. 961))

[43 FR 40761, Sept. 12, 1978, as amended at 43 FR 50678, Oct. 31, 1978; 44 FR 52827, Sept. 11, 1979]

30 CFR Ch. I (7-1-00 Edition)

§ 70.507 Initial noise exposure survey.

On or before June 30, 1971, each operator shall:

(a) Conduct, in accordance with this subpart, a survey of the noise levels to which each miner in the active workings of the mine is exposed during his normal work shift; and,

(b) Report and certify to the Mine Safety and Health Administration, and the Department of Health and Human Services, the results of such survey using the Coal Mine Noise Data Report, Figure 1. Reports shall be sent to:

Division of Automatic Data Processing, Mine Safety and Health Administration, Building 53, Denver Federal Center, Colo. 80225.

(Sec. 101, Federal Mine Safety and Health Act of 1977, Pub. L. 91-173 as amended by Pub. L. 95-164, 91 Stat. 1291 (30 U.S.C. 811); sec. 301, Federal Mine Safety and Health Amendments Act of 1977, Pub. L. 95-164, 91 Stat. 1317 (30 U.S.C. 961))

[36 FR 12739, July 7, 1971, as amended at 43 FR 40762, Sept. 12, 1978; 44 FR 52827, Sept. 11, 1979; 47 FR 28095, June 29, 1982]

§ 70.508 Periodic noise exposure survey.

(a) At intervals of at least every 6 months after June 30, 1971, but in no case shall the interval be less than 3 months, each operator shall conduct, in accordance with this subpart, periodic surveys of the noise levels to which each miner in the active workings of the mine is exposed and shall report and certify the results of such surveys to the Mine Safety and Health Administration, and the Department of Health and Human Services, using the Coal Mine Noise Data Report Form. Reports shall be sent to:

Division of Automatic Data Processing, Mine Safety and Health Administration, Building 53, Denver Federal Center, Colo. 80225.

(b) Where no A-scale reading recorded for any miner during an initial or periodic noise exposure survey exceeds 90 dBA, the operator shall not be required to survey such miner during any subsequent periodic noise level survey required by this section: *Provided, however,* That the name and job position of each such miner shall be reported in every periodic survey and the operator shall certify that such miner's job duties and noise exposure levels