

§ 70.511

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

Department of Labor, 4015 Wilson Boulevard, Arlington, Va. 22203.

TABLE I—PERMISSIBLE NOISE EXPOSURES

| Duration per day (hours) | Noise level (dBA) |
|--------------------------|-------------------|
| 8 | 90 |
| 6 | 92 |
| 4 | 95 |
| 3 | 97 |
| 2 | 100 |
| 1½ | 102 |
| 1 | 105 |
| ¾ | 107 |
| ½ | 110 |
| ¼ or less | 115 |

FIGURE 1—COAL MINE NOISE DATA REPORT

(SUBMIT ONE FORM FOR EACH MINER)

Date: _____ (month) _____ (day) _____ (year)
 Company: _____ Mine Name _____

Mine I.D. number: _____
 Section/Pit number: _____
 Miners name: _____
 Miners SSN: _____
 Occupation code: _____
 Initial _____ Periodic _____ Supplemental _____

Hearing protective device used:
 Yes _____ No _____ If yes "R" value _____

Equipment in operation:
 Manufacturer _____
 Type _____
 Model number _____
 Serial or company number _____
 Dosimeter reading: _____
 Measurement time (In minutes): _____

| Operations (Loading, tramming, etc.) | Noise level dBA average | Minutes exposure |
|--------------------------------------|-------------------------|------------------|
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Signature of qualified person:

(Pub. L. No. 96-511, 94 Stat. 2812 (44 U.S.C. 3501 et seq.))

[36 FR 12739, July 7, 1971, as amended at 43 FR 12319, Mar. 24, 1978; 43 FR 40762, Sept. 12, 1978; 44 FR 52827, Sept. 11, 1979; 47 FR 14696, Apr. 6, 1982; 47 FR 28095, June 29, 1982; 60 FR 33723, June 29, 1995]

§ 70.511 Incorporation by reference.

In accordance with 5 U.S.C. 552(a)(1), the technical publication, "Specification for Sound Level Meters", S1.4-1971 (Type S2A), issued by the American National Standards Institute (ANSI), April 27, 1971, referenced in this subpart F is hereby incorporated by reference and made a part hereof. The incorporated technical publication is available for examination at MSHA, 4015 Wilson Blvd., Arlington, Va. 22203; the National Institute for Occupational Safety and Health, 5600 Fishers Lane, Rockville, Md. 20857; each Coal Mine Health and Safety District and Subdistrict Office and the Federal Register library. In addition, copies of the document can be purchased from the American National Standards Institute (ANSI), 1430 Broadway, New York, N.Y. 10018.

(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 40762, Sept. 12, 1978; 44 FR 52827, Sept. 11, 1979]

SUBPARTS G—S [Reserved]

SUBPART T—DIESEL EXHAUST GAS MONITORING

§ 70.1900 Exhaust Gas Monitoring.

(a) During on-shift examinations required by § 75.362, a certified person as defined by § 75.100 of this chapter and designated by the operator as trained or experienced in the appropriate sampling procedures, shall determine the concentration of carbon monoxide (CO) and nitrogen dioxide (NO₂):

(1) In the return of each working section where diesel equipment is used, at a location which represents the contribution of all diesel equipment on such section;

(2) In the area of the section loading point if diesel haulage equipment is operated on the working section;

(3) At a point in by the last piece of diesel equipment on the longwall or shortwall face when mining equipment is being installed or removed; and

(4) In any other area designated by the district manager as specified in the mine operator's approved ventilation plan where diesel equipment is operated in a manner which can result in significant concentrations of diesel exhaust.

(b) Samples of CO and NO₂ shall be—

(1) Collected in a manner that makes the results available immediately to the person collecting the samples;

(2) Collected and analyzed by appropriate instrumentation which has been maintained and calibrated in accordance with the manufacturer's recommendations; and

(3) Collected during periods that are representative of conditions during normal operations.

(c) Except as provided in §75.325(j) of this chapter, when sampling results indicate a concentration of CO and/or NO₂ exceeding an action level of 50 percent of the threshold limit values (TLV[®]) adopted by the American Conference of Governmental Industrial Hygienists, the mine operator shall immediately take appropriate corrective action to reduce the concentrations of CO and/or NO₂ to below the applicable action level. The publication, "Threshold Limit Values for Substance in Workroom Air" (1972) is incorporated by reference and may be inspected at MSHA's Office of Standards, Regulations, and Variances, 4015 Wilson Boulevard, Arlington, VA 22203; at any Coal Mine Health and Safety District and Subdistrict Office; and at the Office of the FEDERAL REGISTER, 800 North Capitol Street, NW Suite 700, Washington, DC. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. In addition, copies of the document may be purchased from the Secretary-Treasurer, American Conference of Governmental Industrial Hygienists, Post Office Box 1937, Cincinnati, OH 45202.

(d) A record shall be made when sampling results exceed the action level for the applicable TLV[®] for CO and/or NO₂. The record shall be made as part of and in the same manner as the records for hazards required by §75.363 of this chapter and include the following:

(1) Location where each sample was collected;

(2) Substance sampled and the measured concentration; and

(3) Corrective action taken to reduce the concentration of CO and/or NO₂ to or below the applicable action level.

(e) As of November 25, 1997 exhaust gas monitoring shall be conducted in accordance with the requirements of this section.

[61 FR 55526, Oct. 25, 1996]

PART 71—MANDATORY HEALTH STANDARDS—SURFACE COAL MINES AND SURFACE WORK AREAS OF UNDERGROUND COAL MINES

Subpart A—General

Sec.

71.1 Scope.

71.2 Definitions.

Subpart B—Dust Standards

71.100 Respirable dust standard.

71.101 Respirable dust standard when quartz is present.

Subpart C—Sampling Procedures

71.201 Sampling; general requirements.

71.202 Certified person; sampling.

71.203 Certified person; maintenance and calibration.

71.204 Approved sampling devices; maintenance and calibration.

71.205 Approved sampling devices; operation; air flowrate.

71.206 Approved sampling devices; equivalent concentrations.

71.207 [Reserved]

71.208 Bimonthly sampling; designated work positions.

71.209 Respirable dust samples; transmission by operator.

71.210 Respirable dust samples; report to operator; posting.

71.220 Status change reports.

Subpart D—Respirable Dust Control Plans

71.300 Respirable dust control plan; filing requirements.

71.301 Respirable dust control plan; approval by District Manager and posting.