

“Medical X-ray and Gamma-Ray Protection for Energies up to 10 MeV—Equipment Design and Use” (issued February 1, 1968), in NCRP Report No. 48, “Medical Radiation Protection for Medical and Allied Health Personnel” (issued August 1, 1976), and in NCRP Report No. 49, “Structural Shielding Design and Evaluation for Medical Use of X-rays and Gamma Rays of up to 10 MeV” (issued September 15, 1976). These documents are hereby incorporated by reference and made a part of this subpart. These documents are available for examination at ALOSH, 944 Chestnut Ridge Road, Morgantown, WV 26505, and at the National Institute for Occupational Safety and Health, 5600 Fishers Lane, Rockville, MD 20857. Copies of NCRP Reports Nos. 33, 48, and 49 may be purchased for \$3, \$4.50, and \$3.50 each, respectively, from NCRP Publications, P.O. Box 30175, Washington, DC 20014.

SPECIFICATIONS FOR INTERPRETATION, CLASSIFICATION, AND SUBMISSION OF CHEST ROENTGENOGRAMS

**§ 37.50 Interpreting and classifying chest roentgenograms.**

(a) Chest roentgenograms shall be interpreted and classified in accordance with the ILO Classification system and recorded on a Roentgenographic Interpretation Form (Form CDC/NIOSH (M)2.8).

(b) Roentgenograms shall be interpreted and classified only by a physician who regularly reads chest roentgenograms and who has demonstrated proficiency in classifying the pneumoconioses in accordance with § 37.51.

(c) All interpreters, whenever interpreting chest roentgenograms made under the Act, shall have immediately available for reference a complete set of the ILO International Classification of Radiographs for Pneumoconioses, 1980.

NOTE: This set is available from the International Labor Office, 1750 New York Avenue, NW., Washington, DC 20006 (Phone: 202/376-2315).

(d) In all view boxes used for making interpretations:

(1) Fluorescent lamps shall be simultaneously replaced with new lamps at 6-month intervals;

(2) All the fluorescent lamps in a panel of boxes shall have identical manufacturer's ratings as to intensity and color;

(3) The glass, internal reflective surfaces, and the lamps shall be kept clean;

(4) The unit shall be so situated as to minimize front surface glare.

[43 FR 33715, Aug. 1, 1978, as amended at 49 FR 7564, Mar. 1, 1984]

**§ 37.51 Proficiency in the use of systems for classifying the pneumoconioses.**

(a) First or “A” readers:

(1) Approval as an “A” reader shall continue if established prior to (insert) effective date of these regulations).

(2) Physicians who desire to be “A” readers must demonstrate their proficiency in classifying the pneumoconioses by either:

(i) Submitting to ALOSH from the physician's files six sample chest roentgenograms which are considered properly classified by the Panel of “B” readers. The six roentgenograms shall consist of two without pneumoconiosis, two with simple pneumoconiosis, and two with complicated pneumoconiosis. The films will be returned to the physician. The interpretations shall be on the Roentgenographic Interpretation Form (Form CDC/NIOSH (M) 2.8) (These may be the same roentgenograms submitted pursuant to § 37.42), or;

(ii) Satisfactory completion, since June 11, 1970, of a course approved by ALOSH on the ILO or ILO-U/C Classification systems or the UICC/Cincinnati classification system. As used in this subparagraph, “UICC/Cincinnati classification” means the classification of the pneumoconioses devised in 1968 by a Working Committee of the International Union Against Cancer.

(b) Final or “B” readers:

(1) Approval as a “B” reader established prior to October 1, 1976, shall hereby be terminated.

(2) Proficiency in evaluating chest roentgenograms for roentgenographic