perature of 65° F. should be maintained in all other workrooms unless prohibited by process requirements.

§ 50–204.289 Local exhaust ventilation.

(a) Every local exhaust ventilation system shall produce and maintain a movement of air toward the opening, sufficient to prevent escape of contaminant to the workroom during working hours, beyond the limits shown in section 50–204.276.

(b) Air flow through branch and main ducts shall be sufficient to transport the contaminant through the system without settling.

(c) Piping shall be located so as to be accessible for inspection and maintenance.

(d) Air flow equipment including hoods, pipes, fans, motors, and collectors shall be effectively grounded.

(e) Two or more operations involving more than one substance shall not be permitted to be connected to the same exhaust system when a combination of the substances removed may constitute a fire hazard, an explosion hazard, or otherwise dangerous mixture.

(f) Those processes or operations using or generating flammable dusts, gases, fumes, vapors, mists, fibers or other impurities shall be completely protected from all sources of ignition.

(g) The capacity of an exhaust system shall be calculated on the basis of all hoods, booths, and enclosures connected to the system being open, except where the system is so interlocked that only a portion of it can be operated at a given time, in which case the capacity should be calculated on the basis that all the hoods in the group requiring the greatest volume rate of exhaust are open.

(h) Suitable air inlets shall be provided for replacement of exhausted air.

(i) Exhaust systems handling dusts and discharging to the outer air shall be provided with suitable air-cleaning devices to remove air contaminants prior to the discharge to the outer air, except under unusual circumstances.

(j) The discharge from any exhaust system shall be such that no air contamination therefrom will enter any window, door, or other opening of any work space in quantities sufficient to create a health hazard to such space or create a nuisance to surrounding areas.

(k) Collected materials shall be removed at intervals frequent enough to insure that the exhaust system will meet the requirements of section 50–204.288 (a), at all times.

NOISE

§ 50–204.293 Noise.

Noise shall be reasonably reduced or eliminated as a means of preventing fatigue or accidents.

PERSONAL PROTECTIVE EQUIPMENT

§ 50–204.298 Personal protective equipment.

Personal protective equipment or protective shields or barriers shall be provided and maintained in usable condition whenever substances, radiation, or mechanical irritants are encountered in a manner capable of causing injury or impairment in function of any part of the body through skin or mucous membrane absorption.

BITUMINOUS COAL AND LIGNITE MINES

§ 50–204.300 Federal Mine Safety Code.

The Federal Mine Safety Code for Bituminous Coal and Lignite Mines of the United States, Part I—Underground Mines, and Part II—Strip Mines, as published by the Bureau of Mines, United States Department of Interior is hereby adopted by reference as the safety and health standard required for observance in the bituminous coal and lignite mining to which section 1(e) of the Walsh-Healey Public Contracts Act has application.

Signed at Washington, D.C., this 12th day of December 1960.

JAMES P. MITCHELL,
Secretary of Labor.

[F.R. Doc. 60–11689; Filed, Dec. 27, 1960; 8:45 a.m.]

U.S. GOVERNMENT PRINTING OFFICE: 1961 O - 580010