

## § 142.27

all personnel who are required by this subpart to use or wear personal protective equipment do so when within the lease area or the area covered by the permit.

(b) Persons responsible for actual operations shall ensure that all personnel engaged in the operation properly use or wear the personal protective equipment specified by this subpart.

### § 142.27 Eye and face protection.

(a) Personnel engaged in or observing welding, grinding, machining, chipping, handling hazardous materials, or acetylene burning or cutting shall wear the eye and face protector specified for the operation in Figure 8 of ANSI Z87.1.

(b) Eye and face protectors must be maintained in good condition.

(c) Each eye and face protector must be marked with the information required by ANSI Z87.1 for that type of protector.

### § 142.30 Head protection.

(a) Personnel in areas where there is a hazard of falling objects or of contact with electrical conductors shall wear a head protector meeting the specifications of ANSI Z89.1, for the hazard involved.

(b) Each head protector must be marked with the information specified by ANSI Z89.1 for that type of protector and for the hazard involved.

### § 142.33 Foot protection.

(a) Personnel working in areas or engaged in activities where there is a reasonable probability for foot injury to occur shall wear footwear meeting the specifications of ANSI Z41, except when environmental conditions exist that present a hazard greater than that against which the footwear is designed to protect.

(b) Each pair of footwear must be marked with the information specified by ANSI Z41 for the type of footwear.

[CGD 79-077, 51 FR 25059, July 10, 1986, as amended at 51 FR 28381, Aug. 7, 1986]

### § 142.36 Protective clothing.

Personnel in areas where there are flying particles, molten metal, radiant energy, heavy dust, or hazardous materials shall wear clothing and gloves

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providing protection against the hazard involved.

### § 142.39 Respiratory protection.

(a) Personnel in an atmosphere specified under ANSI Z88.2, requiring the use of respiratory protection equipment shall wear the type of respiratory protection equipment specified in ANSI Z88.2 for that atmosphere.

(b) Before personnel enter an atmosphere specified under ANSI Z88.2 requiring the use of respiratory protection equipment, the persons listed in § 142.4 shall ensure that the personnel entering the atmosphere—

(1) Follow the procedures stated in section 6 of ANSI Z88.2 concerning the proper selection of a respirator and individual fit testing; and

(2) Are trained in the matters set forth in section 7 of ANSI Z88.2 concerning proper use of the equipment to be used and in the generally recognized short and long term harmful effects of exposure to the atmosphere involved.

(c) All respiratory protection equipment must be approved, used, and maintained in accordance with ANSI Z88.2.

[CGD 79-077, 51 FR 25059, July 10, 1986, as amended at 51 FR 28381, Aug. 7, 1986]

### § 142.42 Safety belts and lifelines.

(a) Except when moving from one location to another, personnel engaged in an activity where there is a hazard of falling 10 or more feet shall wear a safety belt or harness secured by a lanyard to a lifeline, drop line, or fixed anchorage.

(b) Each safety belt, harness, lanyard, lifeline, and drop line must meet the specifications of ANSI A10.14.

### § 142.45 Personal flotation devices.

Personnel, when working in a location such that, in the event of a fall, they would likely fall into water, shall wear a work vest that meets the requirements of 33 CFR 146.20 or a life preserver that meets the requirements of 46 CFR 160.002, 160.005, or 160.055, except when using the safety belts and lifelines required by § 142.42.