

CHAPTER XVII - OCCUPATIONAL SAFETY AND HEALTH

ADMINISTRATION, DEPARTMENT OF LABOR

Part 1910 - Standard for Exposure to Vinyl Chloride;

Corrections 1910.93q and 1910.1017

(4) Selection of respirators for vinyl chloride shall be as follows:

<u>Atmospheric Concentration of Vinyl Chloride</u>	<u>Required Apparatus</u>
(i) Unknown, or above 3,600 ppm. . . .	Open-circuit, self-contained breathing apparatus, pressure demand type, with full facepiece.
(ii) Not over 3,600 ppm	(A) Combination type C supplied air respirator, pressure demand type, with full or half facepiece and auxiliary self-contained air supply; or (B) Combination type C, supplied air respirator continuous flow type, with full or half facepiece, and auxiliary self-contained air supply.
(iii) Not over 1,000 ppm.	Type C, supplied air respirator, continuous flow type with full or half facepiece, helmet or hood.
(iv) Not over 100 ppm	(A) Combination type C supplied air respirator demand type, with full facepiece and auxiliary self-contained air supply; or (B) Open-circuit, self-contained breathing apparatus with full facepiece, in demand mode; or (C) Type C supplied air respirator, demand type, with full facepiece.
(v) Not over 25 ppm	(A) A powered air-purifying respirator with hood, helmet, full or half facepiece, and a canister which provides a service life of at least 4 hours for concentrations of vinyl chloride up to 25 ppm, or (B) Gas mask, front-or back-mounted canister which provides a service life of at least 4 hours for concentrations of vinyl chloride up to 25 ppm.

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Corrections 1910.93q and 1919.1017 (continued)

<u>Atmospheric Concentration of Vinyl Chloride</u>	<u>Required Apparatus</u>
(vi) Not over 10 ppm.	(A) Combination type C supplied-air respirator, demand type, with half facepiece and auxiliary self-contained air supply; or (B) Type C supplied-air respirator, demand type, with half facepiece; or (C) Any chemical cartridge respirator with an organic vapor cartridge which provides a service life of at least 1 hour for concentrations of vinyl chloride up to 10 ppm.