

TABLE 13.—AIR-PURIFYING AND POWERED AIR-PURIFYING RESPIRATOR FILTER TESTS REQUIRED FOR APPROVAL
[42 CFR Part 84, Subpart KK]

Respirator types	Silica dust tests			Lead fume test 84.1146	Silica mist test 84.1147	DOP test 84.1151
	84.1144	84.1145	84.1152			
Dusts: Air Contamination Level not less than 0.05 mg/M ³ or 2 mppcf	X			X	X	
Fumes: Air Contamination Level not less than 0.05 mg/M ³						
Mists: Air Contamination Level not less than 0.05 mg/M ³ or 2 mppcf						
Dusts, Fumes, and Mists: Air Contamination Level less than 0.05 mg/M ³ or 2 mppcf, and radionuclides			X			X
Radon daughters	¹ X				² X	
Asbestos-containing dusts and mists	² X				³ X	
Single use dust and mist respirators		³ X			³ X	

¹ For resistance only.² For penetration only.³ Test required only where applicable.TABLE 14.—CARBON TETRACHLORIDE BENCH TESTS AND REQUIREMENTS FOR CANISTERS AND CARTRIDGES
[42 CFR part 84, Subpart KK]

Type of pesticide respirator	Test concentration p.p.m. CCl ₄	Flow rate l.p.m.	Number of tests	Minimum life minutes ¹
Chest-mounted or back-mounted gas mask (as received)	20,000	64	3	12
Chest-mounted or back-mounted gas mask (equilibrated)	20,000	32	4	12
Chin-style gas mask (as received)	5,000	64	3	12
Chin-style gas mask (equilibrated)	5,000	32	4	12
Chemical Cartridge respirator (as received)	1,000	64	3	50
Chemical cartridge respirator (equilibrated)	1,000	32	4	50
Powered air-purifying respirator (tight-fitting facepiece, as received)	1,000	² 115	3	50
Powered air-purifying respirator (tight-fitting facepiece, equilibrated)	1,000	² 115	4	25
Powered air-purifying respirator (loose-fitting hood or helmet, as received)	1,000	³ 170	3	50
Powered air-purifying respirator (loose-fitting hood or helmet, equilibrated)	1,000	³ 170	4	25

¹ Minimum life will be determined at 5 p.p.m. leakage.² The flow rate shall be the effective flow rate of the device, but shall be not less than 115 l.p.m.³ The flow rate shall be the effective flow rate of the device, but shall be not less than 170 l.p.m.**Note:** The following appendix will not appear in the Code of Federal Regulations.

APPENDIX A TO PREAMBLE—COMPARISON OF FINAL RULE TO PROPOSED RULE

Proposed section	Final section	Change from proposal to final
84.1	84.1	No change from proposal.
84.2	84.2	No change from proposal.
84.3		Incorporation by reference section is not included in the final rule because of format requirements of the Federal Register .
84.4	84.3	No change from proposal.
84.10	84.10	No change from proposal.
84.11	84.11	No change from proposal.
84.12	84.12	No change from proposal.
84.20	84.20	No change from proposal.
84.21	84.21	No change from proposal.
84.22	84.22	No change from proposal.
84.30	84.30	No change from proposal.
84.31	84.31	No change from proposal.
84.32	84.32	No change from proposal.
84.33	84.33	No change from proposal.
84.34	84.34	No change from proposal.
84.35	84.35	No change from proposal.
84.36	84.36	No change from proposal.
84.40	84.40	No change from proposal.
84.41	84.41	Changed from proposal to final rule for new incorporation by reference wording.
84.42	84.42	No change from proposal.
84.43	84.43	No change from proposal.
84.50	84.50	No change from proposal.
84.51	84.51	No change from proposal.
84.52	84.52	No change from proposal.