

TABLES TO SUBPART KK OF PART 84

TABLE 12—FACEPIECE TEST REQUIREMENTS
[42 CFR Part 84, Subpart KK]

Respirator types	Pressure tightness test ¹	Isoamyl acetate test	
		84.1141	84.1142
Dusts: Air Contamination Level not less than 0.05 mg/M ³ or 2 mppcf	X		
Fumes: Air Contamination Level not less than 0.05 mg/M ³	X	X	
Mists: Air Contamination Level not less than 0.05 mg/M ³ or 2 mppcf	X		
Dusts, Fumes, and Mists: Air Contamination Level less than 0.05 mg/M ³ or 2 mppcf, and radionuclides	X		X
Radon daughters	X	X	
Asbestos-containing dusts and mists	X		

¹ Test is required only where applicable.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					
Fumes: Air Contamination Level not less than 0.05 mg/M ³				X		
Mists: Air Contamination Level not less than 0.05 mg/M ³ or 2 mppcf					X	
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.