

Assessment of respirator fit capability test criteria for full-facepiece air-purifying systems

Supplemental Data Tables: CHI-SQUARE RESULTS

Table 1. Panel Passing Rates for Three Different Test Criteria Using ≥ 500 as the Passing Fit Factor Level

	Criterion 1 PPR (%)*	Criterion 2 PPR (%)	Criterion 3 PPR (%)
Family			
Three-size family	100	96	96
Two-size family	79	76	63
One-size family	88	64	54
P value**	0.07	0.02	<0.01

*Panel Passing Rate

** P values in bold font indicate statistical significance (P value <0.5)

Table 2: Panel Passing Rates for Three Different Test Criteria Using ≥ 1000 as the Passing Fit Factor Level

	Criterion 1 PPR (%)*	Criterion 2 PPR (%)	Criterion 3 PPR (%)
Family			
Three-size family	96	96	92
Two-size family	75	72	38
One-size family	79	52	38
P value**	0.12	<0.01	<0.01

*Panel Passing Rate

** P values in bold font indicate statistical significance (P value <0.5)

Table 3: Panel Passing Rates for Three Different Test Criteria Using ≥ 2000 as the Passing Fit Factor Level

	Criterion 1 PPR (%)*	Criterion 2 PPR (%)	Criterion 3 PPR (%)
Family			
Three-size family	96	92	92
Two-size family	63	60	29
One-size family	76	52	33
P value**	0.02	<0.01	<0.01

*Panel Passing Rate

** P values in bold font indicate statistical significance (P value <0.5)