

Appendix 3: Summarization of Test Data

Carbon Dioxide Content of The Inhalation Air

Condition	Sample No.	Result		Assessment
A.R.	29#	0.41%	Mean value: 0.41%	Pass
	30#	0.41%		
	31#	0.40%		

Clause 7.16 Breathing Resistance

EN 149:2001+A1:2009, Clause 8.9)

Test Requirement				Results	Comment
The breathing resistances apply to valved and valveless filtering half masks and shall meet the requirements as the following table.				Detail refer to Appendix 4	Pass
Classification	Maximum permitted resistance (mbar)				
	Inhalation		Exhalation		
	30 L/min	95 L/min	160 L/min		
FFP1	0.6	2.1	3.0		
FFP2	0.7	2.4	3.0		
FFP3	1.0	3.0	3.0		

Appendix 4: Summarization of Test Data

Specimen	Condition	Inhalation(mbar)		Exhalation resistance(mbar)				
		At 30 L/min	At 95 L/min	At 160 L/min				
				A	B	C	D	E
32#	A.R.	0.58	1.59	2.35	2.35	2.34	2.33	2.32
33#		0.59	1.61	2.36	2.36	2.35	2.34	2.33
34#		0.58	1.60	2.35	2.35	2.34	2.34	2.33
35#	S.W.	0.60	1.62	2.38	2.38	2.37	2.37	2.36
36#		0.59	1.61	2.37	2.37	2.36	2.35	2.35
37#		0.59	1.60	2.37	2.36	2.37	2.36	2.35
38#	T.C.	0.56	1.54	2.30	2.29	2.30	2.29	2.28
39#		0.56	1.55	2.29	2.28	2.29	2.28	2.27
40#		0.55	1.55	2.29	2.29	2.28	2.27	2.27
/	T.C.+F.C.	/	/	/	/	/	/	/
/		/	/	/	/	/	/	/
/	F.C.	/	/	/	/	/	/	/

A: facing directly ahead; B: facing vertically upwards; C: facing vertically downwards; D: lying on the left side; E: lying on the right side

