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Brøndby, 8 September 2020
120-30960
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Test Report

Alialux SRL AXMASH-GEN

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Test report

Object: Test of mask AXMASH-GEN
Samples received: 24 August 2020
Sampling by: Alialux SRL
Method: RFU 02.075 version 2
Test date: 03.09.2020-07.09.2020

Results:

All results must meet the requirements stated in EN 149:2001 + A1:2009. All tests were performed in accordance with RFU 02.075 version 2.

§ 8.2 Visual inspection

The mask was of uniform white material and without valve. The mask had white straps that fit around the ears.

§ 8.4 Practical performance

	Comments (1)	Pass/Fail
a) Head harness comfort	Ok, comfortable	P
b) Security of fastenings	Ok	P
c) Field of vision	Ok	P
d) Maintenance of face seal	Slid down a bit, but kept the face seal	P
e) Other comments		

Table 1: Results from practical performance

§ 8.7 Carbon dioxide content of the inhalation air

Carbon dioxide content of the inhalation air	Measurement (%)	Pass/fail
Requirements (mbar)	≤1	
AXMASH-GEN	0,31 0,32 0,37	P

Table 2: Results from carbon dioxide content of the inhalation air

§ 8.9 Breathing Resistance

Breathing Resistance	Inhalation, 30 l/min (mbar)	Inhalation, 95 l/min (mbar)	Exhalation, 160 l/min (mbar)	Pass/fail
Requirements (mbar)	≤ 0,7	≤ 2,4	≤ 3,0	
AXMASH-GEN	0,40 0,35 0,40	1,40 1,30 1,45	2,15 2,00 2,20	P

Table 4: Results and requirements for Breathing Resistance

§ 8.11 Penetration of filter material

Sample	Result (%)	Requirements (%)	Pass/fail	Aerosol
AXMASH-GEN	2,03 2,50 1,76	≤6	P	Sodium chloride, 95 l/min

Table 5.1: Results and requirements for penetration of filter material: Initial penetration

Sample	Result (%)	Requirements (%)	Pass/fail	Aerosol
AXMASH-GEN	2,08 2,03 2,10	≤6	p	Sodium chloride, 95 l/min

Table 5.2: Results and requirements for penetration of filter material: Maximum penetration during exposure

Conclusion:

The mask complies with the requirements of RFU 02.075 version 2 for the tests performed in this report.

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Photos of device:

