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TEST REPORT

EN 149:2001+A1:2009 Filtering half masks to protect against particles

Report no: WLH0241-2020
Product: KN95 Protective Mask (Non-Medical)
Model (s): ZN9501
Main components: Mask body, without exhalation valve
Date(s) of tests: 18th Apr~8th May 2020

<p>Client Anhui Zhongnan Air Dedence Works Protective Co., Ltd.</p> <p>Client order: / Order(s) received: Apr, 2020</p>	<p>Manufacturer Anhui Zhongnan Air Dedence Works Protective Co., Ltd.</p> <p>Qianshan Comprehensive Economic Development Zone, Anhui Province, China</p> <p>Contact: Mr. Chu E-mail: / Phone: +8618956915566</p>
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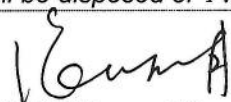
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Any objection should be submitted within 2 weeks from the date of receipt of the report, and it will not be accepted after the deadline.

Specimens will be disposed of 4 weeks from the date of this report, unless otherwise instructed.

Signed: 
 张明明/Zhang Mingming, Authorized Signatory

Issued: 2020-05-09

Summary of assessment*

Clause		Assessment
	Model:	ZN9501
7.4	Packaging	Pass
7.5	Material	Pass
7.6	Cleaning and disinfecting	NAp
7.7	Practical performance	Pass
7.8	Finish of parts	Pass
7.9.1	Total inward leakage	Pass
7.9.2	Penetration of filter material: Sodium chloride	Pass
7.9.2	Penetration of filter material: Paraffin oil	Pass
7.10	Compatibility with skin	Pass
7.11	Flammability	Pass
7.12	Carbon dioxide content of the inhalation air	Pass
7.13	Head harness	Pass
7.14	Field of vision	Pass
7.15	Exhalation valve(s)	NAp
7.16	Breathing resistance	Pass
7.17	Clogging	NRq
7.18	Demountable parts	NAp
9	Marking	NRq
10	Information to be supplied by the manufacturer	NRq

Key

	Shading shows the clauses requested.
NRq	The clauses were not requested.
Pass	Requirement satisfied.
Ltd	Testing requested was insufficient completely to verify compliance with the clause. Refer to the "Result details" section for more information.
Fail	Requirement not satisfied. Refer to the "Result details" section for more information.
NAs	Assessment not carried out.
NAp	Requirement not applicable.
NT	Requested but not tested due to early termination following failure.

* Assessment relates only to those specimens which were tested and are the subject of this report.

Product characteristics

Property	Characteristic
Model	ZN9501
Classification claimed	FFP2 NR
Exhalation valve(s)	-

Submission details

Product	Quantity	Date received	Specimen No.
ZN9501 KN95 Protective Mask (Non-Medical)	86	18 th April 2020	WLH0241-2020-01 to -86

Photographs of the products tested

Anhui Zhongnan Air Dedence Works Protective Co., Ltd.'s model ZN9501 KN95 Protective Mask (Non-Medical)



CASST specimen number WLH0241-2020-09

Procedures

Specimens were selected at random from the submission(s) detailed above.

Testing was performed in accordance with EN 149:2001 incorporating Corrigendum No. 1 (January 2003), and amendment A1 (2009) unless otherwise specified below. Reference should be made to the standard when reading this report.

Unless stated otherwise, specimens were tested in the condition as received.

- 10.1 Information supplied by the manufacturer shall accompany every smallest commercial available package.
- 10.2 Information supplied by the manufacturer shall be at least in the official language(s) of the country of destination.
- 10.3 The information supplied by the manufacturer shall contain all information necessary for trained and qualified persons on:
application/limitations; the meaning of any colour coding; checks prior to use; donning, fitting; use; maintenance (e.g. cleaning, disinfecting), if applicable; storage; the meaning of any symbols/pictograms used of the equipment.
- 10.4 The information shall be clear and comprehensible. If helpful, illustrations, part numbers, marking shall be added.
- 10.5 Warning shall be given against problems likely to be encountered, for example:
- ☑ fit of particle filtering half mask (check prior to use);
 - ☑ it is unlikely that the requirements for leakage will be achieved if facial hair passes under the face seal;
 - ☑ air quality (contaminants, oxygen deficiency);
 - ☑ use of equipment in explosive atmosphere.
- 10.6 The information shall provide recommendations as to when the particle filtering half mask shall be discarded.
- 10.7 For devices marked "NR", a warning shall be given that the particle filtering half mask shall not be used for more than one shift."

End of Test Report.
