

NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Shanghai Yunqing Industrial Co., Ltd.

Model Tested: YQD95

Date Tested: November 19, 2020

These findings pertain to the Shanghai Yunqing Industrial Co., Ltd., model YQD95. The packaging and labeling for this product indicate that it meets GB2626-2019 (the Chinese standard for Respiratory Protective Equipment – Non-Powered Air-Purifying Particle Respirator).

Thirty respirators were submitted for evaluation. The respirators were sampled into groups of ten for evaluation. The samples were tested using a modified version of NIOSH Standard Test Procedure (STP) TEB-APR-STP-0059. This modified assessment plan can be found [here](#).

No certificate of approval was provided with the samples received; therefore, the authenticity of the claims cannot be validated.

The maximum and minimum filter efficiency was 99.48% and 98.86%, respectively. All thirty respirators measured more than 95%.

While the above-listed product classification has similar performance requirements to NIOSH-approved devices, NIOSH does not have knowledge about the sustained manufacturer quality system and product quality control for these products. NIOSH also does not have knowledge about the product's handling and exposures after leaving its manufacturer's control.

This product has head bands/straps. While filter efficiency shows how well the filter media performs, users must ensure a proper fit is achieved.

This assessment is not a part of the NIOSH respirator approval process and will in no way lead to or preclude NIOSH approval through the official approval process. This assessment was developed as an assessment of the filter efficiency for those respirators represented as certified by an international certification authority, other than NIOSH, to support the availability of respiratory protection to US healthcare workers due to the respirator shortage associated with COVID-19. Only particulate filter efficiency was assessed.

The results provided in this letter are specific to the subset of samples that were provided to NPPTL for evaluation.

These results will be used to update the CDC guidance for [Crisis Capacity Strategies \(during known shortages\)](#).

Evaluation of International Respirators

Test: Modified TEB-APR-STP-0059

Date Tested: November 19, 2020

Report Prepared: November 20, 2020

Manufacturer: Shanghai Yunqing Industrial Co., Ltd.

Item Tested: YQD95 (Sample Group 1 of 3)

Country of Certification: China (GB2626-2019)

Pictures have been added to the end of this report.

Filter	Flow Rate (Lpm)	Initial Filter Resistance (mmH ₂ O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency
1	85	9.3	0.67	0.67	99.33
2	85	9.3	0.55	0.55	99.45
3	85	7.7	0.96	0.96	99.04
4	85	12.3	0.95	0.95	99.05
5	85	8.9	0.72	0.72	99.28
6	85	7.6	0.78	0.78	99.22
7	85	9.4	0.55	0.55	99.45
8	85	9.8	0.69	0.69	99.31
9	85	7.6	0.65	0.65	99.35
10	85	10.4	0.56	0.56	99.44
Minimum Filter Efficiency: 99.04			Maximum Filter Efficiency: 99.45		

- The test method utilized in this assessment is not the NIOSH standard test procedure that is used for certification of respirators. Respirators assessed to this modified test plan do not meet the requirements of STP-0059, and therefore cannot be considered equivalent to N95 respirators that were tested to STP-0059.
- Respirators tested may not be representative of all respirators with the same certification mark. NIOSH has no control over suppliers and distributors of respirators certified by other national or international parties.
- This assessment is not a confirmation that it conforms with any or all of its specifications in accordance with its certification mark.
- This assessment was not a part of the NIOSH approval program. These results do not imply nor preclude a future approval through the NIOSH respirator approval program.

Evaluation of International Respirators

Test: Modified TEB-APR-STP-0059

Date Tested: November 19, 2020

Report Prepared: November 20, 2020

Manufacturer: Shanghai Yunqing Industrial Co., Ltd.

Item Tested: YQD95 (Sample Group 2 of 3)

Country of Certification: China (GB2626-2019)

Filter	Flow Rate (Lpm)	Initial Filter Resistance (mmH ₂ O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency
11	85	9.5	0.52	0.52	99.48
12	85	7.5	0.94	0.94	99.06
13	85	10.1	0.65	0.65	99.35
14	85	8.6	0.68	0.68	99.32
15	85	8.2	0.68	0.68	99.32
16	85	9.1	0.79	0.79	99.21
17	85	9.5	0.53	0.53	99.47
18	85	8.3	0.83	0.83	99.17
19	85	9.6	0.96	0.96	99.04
20	85	10.0	0.79	0.79	99.21
Minimum Filter Efficiency: 99.04			Maximum Filter Efficiency: 99.48		

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Evaluation of International Respirators

Test: Modified TEB-APR-STP-0059

Date Tested: November 19, 2020

Report Prepared: November 20, 2020

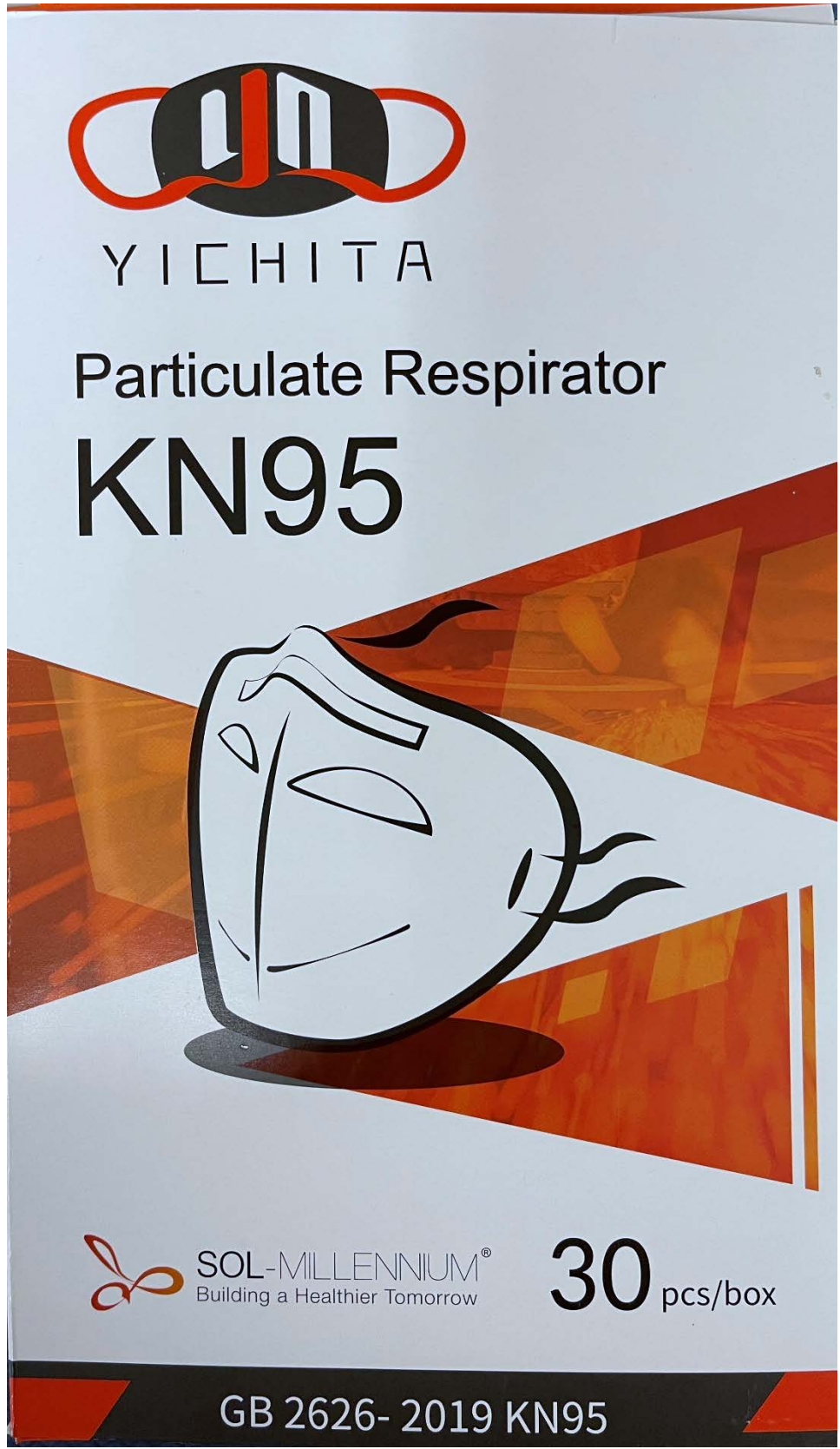
Manufacturer: Shanghai Yunqing Industrial Co., Ltd.

Item Tested: YQD95 (Sample Group 3 of 3)

Country of Certification: China (GB2626-2019)

Filter	Flow Rate (Lpm)	Initial Filter Resistance (mmH ₂ O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency
21	85	8.4	0.70	0.70	99.30
22	85	9.5	0.62	0.62	99.38
23	85	9.3	0.85	0.85	99.15
24	85	8.6	0.98	0.98	99.02
25	85	9.6	0.74	0.74	99.26
26	85	9.4	0.77	0.77	99.23
27	85	9.8	0.63	0.63	99.37
28	85	9.4	0.68	0.68	99.32
29	85	9.3	0.88	0.88	99.12
30	85	7.7	1.14	1.14	98.86
Minimum Filter Efficiency: 98.86			Maximum Filter Efficiency: 99.38		

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YICHITA

Particulate Respirator

KN95



SOL-MILLENNIUM®
Building a Healthier Tomorrow

30 pcs/box

GB 2626- 2019 KN95



CHECK THE RESPIRATOR PRIOR TO USE

1. Respirator should be no damage or severe contamination.
2. Head/Ear strap should be no damage, with good elasticity.
3. Nosepiece should be no damage or broken.
4. Check the exhalation valve and valve block if has, in case of damage or loss.

FITTING INSTRUCTIONS

Headband

1. Pick up the face mask with nose clip so that the nose clip is up and the headband hangs down naturally.
2. Wear a mask and place your chin inside the mask so that it is close to your face; Run one hand through the two headbands, then with the other hand pull the lower headband back over the neck.
3. Pull the upper head band toward the back of the brain and place it over the ear of the back of the head.
4. Press the index and middle fingers of both hands against the adjusting clip until they are close to the bridge of the nose.



Earloop

1. With the nose clip facing outward, hold one ear band with both hands, making sure the nose clip is facing upward.
2. Put on mask, chin under mask, hands behind ear band.
3. Adjust the mask to a comfortable position so that it fits your face.
4. Press the index and middle fingers of both hands against the adjusting clip until they are close to the bridge of the nose.



WARNING

- If you cannot achieve satisfactory fit, do NOT enter the contaminated area. See your Supervisor
- This respirator-helps protect against certain contaminants. It may not eliminate the risk of contracting disease or infection. Misuse may result in sickness or death. Materials which may come into contact with the wearer's skin could cause allergic reactions to susceptible individuals.

FIT-CHECK THE FACE-SEALAS FOLLOWS:

1. Place both hands over the respirator-do not disturb the position of the respirator;
2. Inhale sharply (a negative pressure should be felt inside the respirator);
3. If you detect air-leaks, readjust the head straps and/or the nose-piece.

Manufacturer: Shanghai Yunqing Industrial Co.,Ltd
Add.: 2nd building 1818 Shangsu Road, Fengxian District, Shanghai
Production license number: (沪)XK02-001-00083
Hotline: +86 400 178 1700 Work hours: 9:00 - 17:00 workdays
www.yqgroup.vip

Distribute by Sol-Millennium Medical Inc
315 Shawnee North Drive, Suite 100, Suwanee, GA 30024



USE INSTRUCTIONS

1. Failure to follow all instructions and limitations concerning the use of the respirator and/or failure to wear the respirator for the whole duration of exposure to contaminants can seriously reduce the performance characteristics of the respirator and lead to illness, injury or death.
2. Before use, the wearer must first be trained by the employer in the correct use of the respirator in accordance with applicable safety and health standards.
3. Discard the respirator and replace with a new one if:
 - Excessive clogging of the respirator causes breathing difficulty.
 - The respirator becomes damaged.
4. Leave the contaminated area if dizziness, irritation or other distress occurs.

USE LIMITATIONS

1. Do NOT use the respirator or enter or stay in a contaminated area under the following circumstances:
 - Atmosphere contains less than 19.5% oxygen
 - Atmosphere contains oil aerosols if using N protection class respirator
 - For protection against gases or vapors
 - Contaminants or their concentrations are unknown or immediately dangerous to life or health
 - Concentrations or contaminants exceed maximum use concentrations in applicable OSHA standards or applicable government regulations or 10 times the PEL (Permissible Exposure Limit) , whichever is lower
 - For sandblasting, paint-spray operations, asbestos
2. Do NOT modify or misuse the respirator.
3. Do NOT use the respirator with beards or other facial hair that interferes with direct contact between the face and the edge of the respirator, or any other conditions that may prevent a good face-seal.

STORAGE

1. The respirator should be stored at the area which is well-ventilated, avoids direct sun exposure and dry area. Keep away from fire and pollution.
2. Storage temperature range is -20°C to 38°C Maximum relative humidity <80%.
3. Shelf life: 5 years
4. Date of production: Certificate of conformity.



Storage temperature
-20°C to 38°C

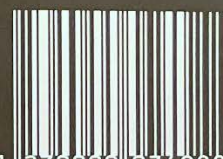


Store humidity
<80%



Shelf life: 5 years
Refer to manufacturer information

FOR MORE INFORMATION or assistance, contact your local sales representatives of YICHITA Safety Products or YICHITA authorized distributors.

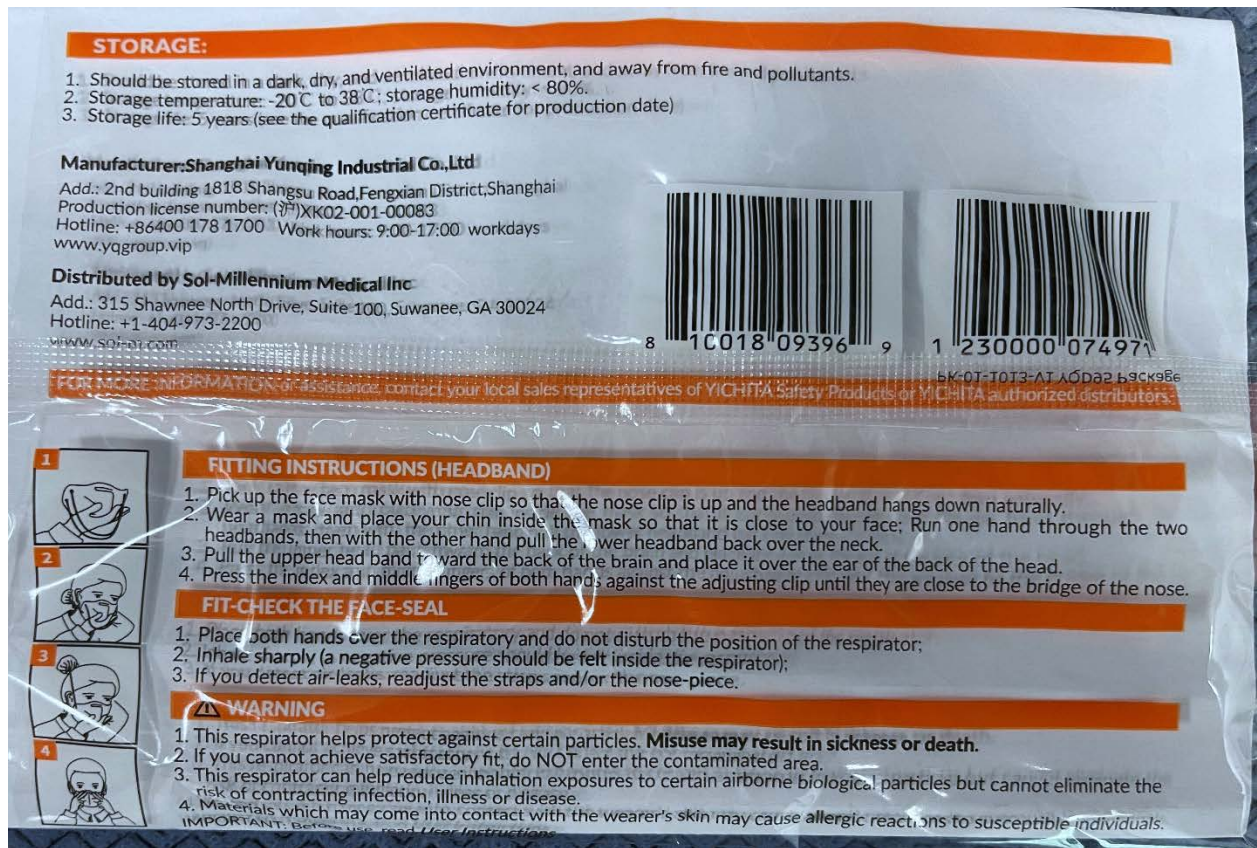


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