NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Ouleok Tangshan Technology Co., Ltd.
Model Tested: 6212
Date Tested: October 13, 2020

These findings pertain to the Ouleok Tangshan Technology Co., Ltd., model 6212. The packaging for this product indicates that it meets GB2626-2006 (the Chinese standard for Respiratory Protective Equipment – Non-Powered Air-Purifying Particle Respirator).

Ten respirators were submitted 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 96.60% and 93.29%, respectively. Five respirators measured more than 95%. Five respirators measured less 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.

In addition, this product is an ear loop design. Currently, there are no NIOSH-approved products with ear loops; NIOSH-approved N95s have head bands. Furthermore, limited assessment of ear loop designs, indicate difficulty achieving a proper fit. 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: October 13, 2020

Report Prepared: October 13, 2020

Manufacturer: Ouleok Tangshan Technology Co., Ltd.

Item Tested: 6212

Country of Certification: China (GB2626-2006)

<table>
<thead>
<tr>
<th>Filter</th>
<th>Flow Rate (LPM)</th>
<th>Initial Filter Resistance (mmH2O)</th>
<th>Initial Percent Leakage (%)</th>
<th>Maximum Percent Leakage (%)</th>
<th>Filter Efficiency (%)</th>
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<tbody>
<tr>
<td>1</td>
<td>85</td>
<td>11.8</td>
<td>6.36</td>
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<td>13.7</td>
<td>3.94</td>
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<td>96.06</td>
</tr>
</tbody>
</table>

Minimum Filter Efficiency: 93.29%  Maximum Filter Efficiency: 96.60%

- 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.
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KN95 series folding mask Non-medical

For the sake of your health, we suggest that you have a simple 4-step examination before use:
1. There is no damage or serious pollution on the overall appearance of the mask;
2. The headband is not damaged and has good elasticity;
3. There is no damage or break of the nose clamp;
4. There is a breathing valve, check the condition of the breathing valve and valve plate to prevent damage or loss.

Please follow the steps below when wearing the earband mask:
1. With the nose clip outward, pull one ear band with both hands respectively to ensure that the nose clip is upward;
2. Put on the mask, place the chin in the mask, and buckle the ear belt behind the ear with both hands;
3. Adjust to a comfortable position to make the mask fit the face;
4. Press the index finger and middle finger of both hands to adjust the nose clamp until they are close to the bridge of nose;
5. Conduct air tightness test;

Air tightness inspection is as follows: check the tightness between the mask and the face:
1. Put your hands and fingers together and buckle them on the mask. Do not move the position of the mask;
2. Inhale forcefully, hold your breath for a few seconds, and feel the mask collapse inward obviously;
3. Exhale forcefully, hold your breath for a few seconds, and feel the mask bulge outward obviously;
4. If tear leakage is detected, please recheck according to steps 1-3 until the requirements of 2 and 3 are met at the same time;
5. Only those masks that have passed the inspection in steps 1-3 can meet the air tightness requirements of the prevention level masks.

Scope of application and storage
1. For adults;
2. Do not wash with water;
3. It should be stored in a well ventilated, dark and dry environment, and away from fire and pollution;
4. Storage temperature: -20 °C ~ 35 °C, storage temperature < 60 °C;
5. Storage period: 3 years (see outer packaging for production date).

Product Name: particle respirator
Material: non woven fabric, filter layer, ear elastic nylon
Scope of application: electric welding, dust grinding, coal mine, chemical industry, etc.

Ouleok Tangshan Technology Co., Ltd.
Address: 5th floor, Building C, Innovation Building, Tangshan High Tech Development Zone
MADE IN CHINA
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