

## NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: SAS Safety Corp

Model Tested: 8617A

Date Tested: July 8, 2020

These findings pertain to the SAS Safety Corp., model 8617A. The labeling and packaging information for this product indicates it is a NIOSH-approved product. However, SAS Safety Corp. does **not** have a NIOSH approval for model 8617A. Therefore, this product is **not** NIOSH-approved.

Twenty 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](#).

The maximum and minimum filter efficiency was 98.90% and 97.00%, respectively. All twenty respirators measured more than 95%.

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 respirator's 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:** July 8, 2020

**Report Prepared:** July 8, 2020

**Manufacturer:** SAS Safety Corp

**Item Tested:** 8617A (Sample Group 1 of 2)

**Country of Certification:** U.S. (42CFR84)

Pictures have been added to the end of this report.

Filter	Flow Rate (Lpm)	Initial Filter Resistance (mmH <sub>2</sub> O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency
1	85	8.2	1.09	1.10	98.90
2	85	7.5	1.25	1.30	98.70
3	85	5.4	1.86	1.88	98.12
4	85	7.5	1.47	1.47	98.53
5	85	7.1	1.73	1.81	98.19
6	85	6.3	1.59	1.59	98.41
7	85	7.7	1.22	1.23	98.77
8	85	7.8	1.66	1.71	98.29
9	85	6.5	3.00	3.00	97.00
10	85	6.5	1.80	1.81	98.19
<b>Minimum Filter Efficiency: 97.00</b>			<b>Maximum Filter Efficiency: 98.90</b>		

- 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.

# NPPTL COVID-19 Response: International Respirator Assessment

**Test:** Modified TEB-APR-STP-0059

**Date Tested:** July 8, 2020

**Report Prepared:** July 8, 2020

**Manufacturer:** SAS Safety Corp

**Item Tested:** 8617A (Sample Group 2 of 2)

**Country of Certification:** U.S. (42CFR84)

Filter	Flow Rate (Lpm)	Initial Filter Resistance (mmH <sub>2</sub> O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency
11	85	7.6	1.39	1.41	98.59
12	85	6.5	2.96	2.99	97.01
13	85	7.1	2.07	2.08	97.92
14	85	7.6	1.61	1.69	98.31
15	85	6.7	1.71	1.71	98.29
16	85	6.7	1.96	1.98	98.02
17	85	7.2	2.13	2.19	97.81
18	85	6.6	1.61	1.64	98.36
19	85	7.9	1.48	1.49	98.51
20	85	8.1	1.24	1.24	98.76
<b>Minimum Filter Efficiency: 97.01</b>			<b>Maximum Filter Efficiency: 98.76</b>		

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**▲ WARNING:**

**WARNING AND LIMITATIONS:**

1. Failure to follow all instructions and limitations on the use of this product could reduce the effectiveness of respirator and result in sickness or death.
2. A properly selected respirator is essential to protect your health. Before using this respirator, consult an Industrial Hygienist or Occupational Safety Professional to determine the suitability for your intended use.
3. This product does not supply oxygen. Use only in adequately ventilated areas containing sufficient oxygen to support life. Do not use this respirator when oxygen concentration is less than 19.5%.
4. Do not use when concentrations of contaminants are immediately dangerous to health or life.
5. Leave work area immediately and return to fresh air if (a) breathing becomes difficult or (b) dizziness or other distress occurs.
6. Facial hairs or beards and certain facial characteristics may reduce the effectiveness of the respirator.
7. Never alter or modify this respirator in any way.
8. Only for single use. No maintenance necessary. Discard the used respirator after single use.
9. Keep respirators in the display box away from direct sunlight until use.
10. This respirator has been tested with Part 84 approval requirements: (A) filtering facepieces are to be inspected prior to each use to assure there are no holes in a breathing zone and no damage has occurred, and (B) enlarged holes resulting from ripped or torn filter material around staple punctures are considered damage.
11. Avoid direct exposure of sunlight during storage as the filter media in this respirator can degrade by extended exposure to direct sunlight.

**▲ SILICA WARNING**

DO NOT use this respirator for protection against the inhalation of silica.

**▲ ASBESTOS WARNING**

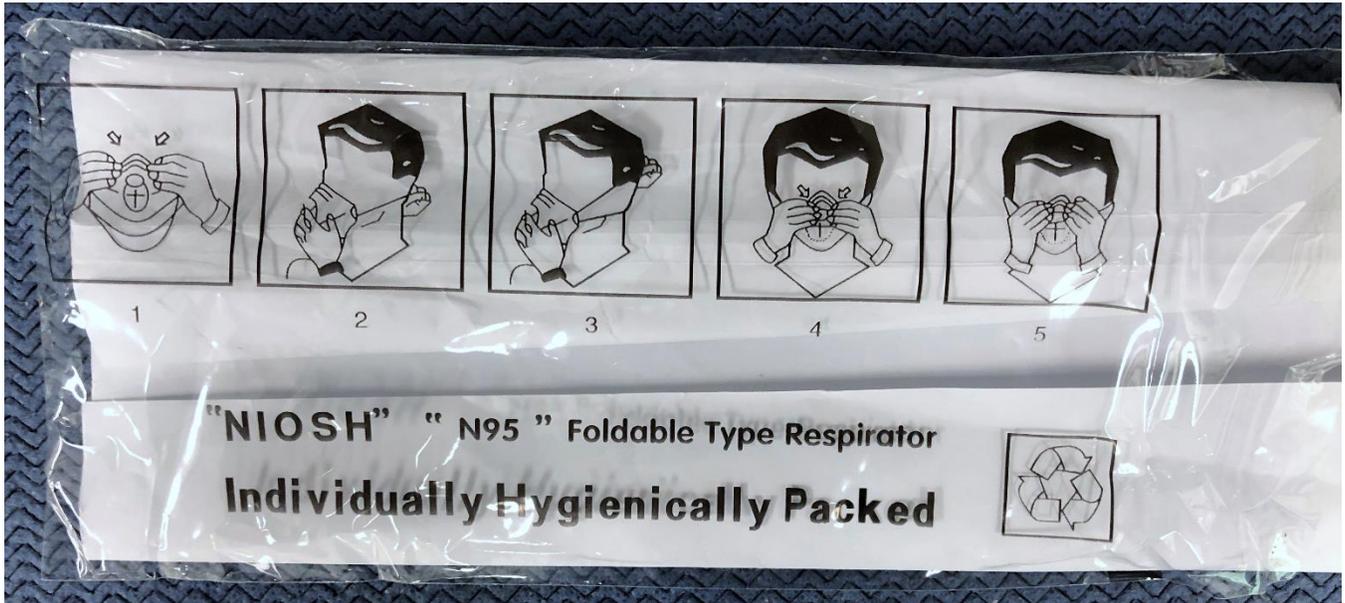
DO NOT use this respirator for protection against the inhalation of asbestos.

Part No.8617A



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