

**National Institute for Occupational Safety and Health  
Respirator Branch  
Test Data Sheet**

Passing test results  
do not indicate  
approval



**Task Number:** TN-24403

**Reference No.:** CFR 84.172

**Test:** Exhalation Resistance Test

**STP No.:** 3

**Manufacturer:** Pure Environments By Shatkin First, Inc.

**Filter Type:** Filter Only

**Item Tested:** PESF-N95H

Sample	Maximum Allowable Resistance (MM of H2O)	Actual Resistance (MM of H2O)	Result
	Exhalation	Exhalation	
1	25	17.0	PASS
2	25	18.3	PASS
3	25	17.3	PASS

**Overall Result:** PASS

**Comments:**

Samples were tested on manometer 000286.

Was all equipment verified to be in calibration throughout all testing?  Yes  No

**Signature:**

**Date:** 12/11/2020

**Engineering Technician**

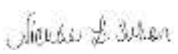
**Task Number:** TN-24403

**Reference No.:** CFR 84.172

**Test:** Exhalation Resistance Test

**STP No.:** 3

**Manufacturer:** Pure Environments By Shatkin First, Inc.

**Signature:** 

**Date:** 12/11/2020

**Engineering Technician**

**National Institute for Occupational Safety and Health  
Respirator Branch  
Test Data Sheet**

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**Task Number:** TN-24403

**Reference No.:** CFR 84.172

**Test:** Inhalation Resistance Test

**STP No.:** 7

**Manufacturer:** Pure Environments By Shatkin First, Inc.

**Item Tested:** PESF-N95H

**Filter Type:** Filter Only

Sample	Maximum Allowable Resistance (MM of H2O)	Actual Resistance (MM of H2O)	Result
	Inhalation	Inhalation	
1	35	17.0	PASS
2	35	20.8	PASS
3	35	17.5	PASS

**Overall Result:** PASS

**Signature:**

**Date:** 12/11/2020

**Engineering Technician**

**Task Number:** TN-24403

**Reference No.:** CFR 84.172

**Test:** Inhalation Resistance Test

**STP No.:** 7

**Manufacturer:** Pure Environments By Shatkin First, Inc.

**Item Tested:** PESF-N95H

**Comments:**

Samples were tested on manometer 000034.

Was all equipment verified to be in calibration throughout all testing?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
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**Signature:** 

**Date:** 12/11/2020

**Engineering Technician**

**National Institute for Occupational Safety and Health**  
**Evaluation and Testing Branch**  
**Test Data Sheet**

Passing test  
 results do not  
 indicate approval



**Task Number:** TN-24403

**Reference No.:** CFR 84.174

**Test:** Sodium Chloride (NaCl) - N95

**STP No.:** 59

**Manufacturer:** Pure Environments By Shatkin First, Inc.

**Item Tested:** PESF-N95H

Filter	Flow Rate lpm	Initial Filter Resistance mm water gauge	Maximum Allowable Percent Leakage	Initial Percent Leakage	Maximum Percent Leakage	Result
1	85	19.6	5.00	1.130	1.130	PASS
2	85	18.5	5.00	0.780	0.780	PASS
3	85	20.0	5.00	0.701	0.701	PASS
4	85	21.2	5.00	0.514	0.514	PASS
5	85	22.8	5.00	0.447	0.447	PASS
6	85	19.2	5.00	0.215	0.215	PASS
7	85	18.9	5.00	0.368	0.368	PASS
8	85	19.4	5.00	0.255	0.255	PASS
9	85	18.4	5.00	0.767	0.767	PASS
10	85	18.5	5.00	0.694	0.694	PASS
11	85	18.6	5.00	0.354	0.354	PASS
12	85	19.4	5.00	0.864	0.864	PASS
13	85	19.8	5.00	0.525	0.525	PASS
14	85	19.8	5.00	0.309	0.309	PASS
15	85	19.2	5.00	0.662	0.662	PASS
16	85	19.0	5.00	0.858	0.858	PASS
17	85	19.3	5.00	0.464	0.471	PASS
18	85	18.9	5.00	1.050	1.050	PASS
19	85	18.6	5.00	1.030	1.030	PASS
20	85	19.3	5.00	0.596	0.596	PASS

**Overall Result:** PASS

**Signature:**

**Date:** 12/11/2020

**Engineering Technician**

Form revision: 1.1 2 October 2019

**Task Number:** TN-24403

**Reference No.:** CFR 84.174

**Test:** Sodium Chloride (NaCl) - N95

**STP No.:** 59

**Manufacturer:** Pure Environments By Shatkin First, Inc.


**Item Tested:** PESF-N95H

**Comments:**

Samples 1-8 were tested on TSI 8130 machine 000333. Samples 9-20 were tested on TSI 8130 machine 000334. Flow rate is measured in liters/min. Resistance is measured in mm H<sub>2</sub>O.

Was all equipment verified to be in calibration throughout all testing?  Yes  No

**Signature:**



**Date:** 12/11/2020