

National Institute for Occupational Safety and Health  
Respirator Branch  
Certification, Evaluation and Testing Section

TEST REPORT

Task Number: TN-13740

Prepared by: Pat Wiltanger

Date: December 3, 2004

Manufacturer: Shuenn Bao Shing Corporation

Item Tested: Model AP0028 Filtering Facepiece

Background Information:

On October 1, 2004, the Shuenn Bao Shing Corporation requested approval of the new model AP0028 N95 filtering facepiece respirator without an exhalation valve.

Tests Assigned:

A. Exhalation Resistance Test	84.180
B. Inhalation Resistance Test	84.180
C. Sodium Chloride (NaCl) – N95	84.181

Overall Results:

The items tested passed laboratory testing.

Individual Test Results:

See accompanying test sheets.



**Task Number:** TN-13740

**Reference No.:** CFR 84.180

**Test:** Exhalation Resistance Test

**STP No.:** 3

**Manufacturer:** Shuenn Bao Shing Corporation

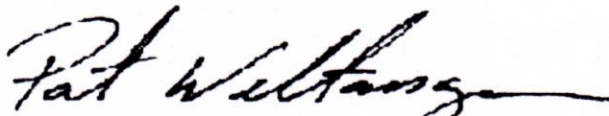
**Item Tested:** Model AP0028 Filtering Facepiece

**Comments:**

**Was all equipment verified to be in calibration throughout all testing?**

**Yes**    **No**

**Signature:**



**Engineering Technician**

**Date:**

12/3/2004

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



**Task Number:** TN-13740  
**Test:** Inhalation Resistance Test  
**Manufacturer:** Shuenn Bao Shing Corporation  
**Item Tested:** Model AP0028 Filtering Facepiece

**Reference No.:** CFR 84.180  
**STP No.:** 7

**Filter Type:** Filter Only

Sample	Maximum Allowable Resistance (MM of H2O)	Actual Resistance (MM of H2O)	Result
	Inhalation	Inhalation	
1	35	6.1	PASS
2	35	6.4	PASS
3	35	6.9	PASS

**Overall Result:** PASS

**Signature:**

**Engineering Technician**

**Date:** 12/3/2004

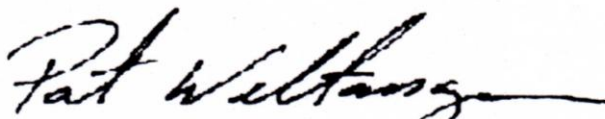
**Task Number:** TN-13740  
**Test:** Inhalation Resistance Test  
**Manufacturer:** Shuenn Bao Shing Corporation  
**Item Tested:** Model AP0028 Filtering Facepiece

**Reference No.:** CFR 84.180  
**STP No.:** 7

**Comments:**

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

**Signature:**



**Engineering Technician**

**Date:** 12/3/2004

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



**Task Number:** TN-13740

**Reference No.:** CFR 84.181

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

**STP No.:** 59

**Manufacturer:** Shuenn Bao Shing Corporation

**Item Tested:** Model AP0028 Filtering Facepiece

Filter	Flow Rate	Initial Filter Resistance	Maximum Allowable Percent Leakage	Initial Percent Leakage	Maximum Percent Leakage	Result
1	85	7.5	5.00	0.596	0.596	PASS
2	85	7.4	5.00	0.642	0.642	PASS
3	85	7.3	5.00	0.513	0.513	PASS
4	85	8.6	5.00	0.724	0.735	PASS
5	85	7.5	5.00	0.509	0.512	PASS
6	85	7.8	5.00	0.621	0.621	PASS
7	85	7.7	5.00	0.479	0.481	PASS
8	85	7.9	5.00	0.576	0.576	PASS
9	85	7.7	5.00	0.533	0.533	PASS
10	85	7.5	5.00	0.619	0.619	PASS
11	85	7.8	5.00	0.642	0.642	PASS
12	85	7.4	5.00	0.571	0.571	PASS
13	85	7.5	5.00	0.671	0.671	PASS
14	85	7.7	5.00	0.754	0.754	PASS
15	85	8.1	5.00	0.644	0.644	PASS
16	85	8.0	5.00	0.657	0.657	PASS
17	85	7.2	5.00	0.612	0.612	PASS
18	85	7.5	5.00	0.654	0.654	PASS
19	85	7.7	5.00	0.742	0.742	PASS
20	85	7.6	5.00	0.698	0.698	PASS

**Overall Result: PASS**

**Signature:**

**Engineering Technician**

**Date:** 11/30/2004

**Task Number:** TN-13740

**Reference No.:** CFR 84.181

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

**STP No.:** 59

**Manufacturer:** Shuenn Bao Shing Corporation

**Item Tested:** Model AP0028 Filtering Facepiece


**Comments:**

All samples were tested using the standard NIOSH test fixture.

**Was all equipment verified to be in calibration throughout all testing?**

**Yes**     **No**

**Signature:**



**Engineering Technician**

**Date:** 11/30/2004