

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



**Task Number:** TN-21384

**Reference No.:** CFR 84.180

**Test:** Exhalation Resistance Test

**STP No.:** 3

**Manufacturer:** Xiantao Zhongyi Safety Protection Products Co.,

**Filter Type:** Filter Only

**Item Tested:** ZYB-11

Sample	Maximum Allowable Resistance (MM of H2O)	Actual Resistance (MM of H2O)	Result
	Exhalation	Exhalation	
1	25	10.6	PASS
2	25	11.0	PASS
3	25	11.4	PASS

**Overall Result:** PASS

**Comments:**

Samples were tested on manometer 000283.

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

**Signature:**

*Nichole L. Petetta*

**Date:** 3/20/2017

**Engineering Technician**

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



**Task Number:** TN-21384

**Reference No.:** CFR 84.180

**Test:** Inhalation Resistance Test

**STP No.:** 7

**Manufacturer:** Xiantao Zhongyi Safety Protection Products Co.,

**Item Tested:** ZYB-11

**Filter Type:** Filter Only

Sample	Maximum Allowable Resistance (MM of H2O)	Actual Resistance (MM of H2O)	Result
	Inhalation	Inhalation	
1	35	10.6	PASS
2	35	10.9	PASS
3	35	11.5	PASS

**Overall Result:** PASS

**Signature:**

**Date:** 3/20/2017

**Engineering Technician**

**Task Number:** TN-21384

**Reference No.:** CFR 84.180

**Test:** Inhalation Resistance Test

**STP No.:** 7

**Manufacturer:** Xiantao Zhongyi Safety Protection Products Co.,

**Item Tested:** ZYB-11

**Comments:**

Samples were tested on manometer 000285.

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



**Date:** 3/20/2017

**Engineering Technician**

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



**Task Number:** TN-21384

**Reference No.:** CFR 84.181

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

**STP No.:** 59

**Manufacturer:** Xiantao Zhongyi Safety Protection Products Co.,

**Item Tested:** ZYB-11

Filter	Flow Rate	Initial Filter Resistance	Maximum Allowable Percent Leakage	Initial Percent Leakage	Maximum Percent Leakage	Result
1	85	10.6	5.00	0.437	0.437	PASS
2	85	10.6	5.00	0.532	0.532	PASS
3	85	10.8	5.00	0.455	0.455	PASS
4	85	10.7	5.00	0.450	0.453	PASS
5	85	10.6	5.00	0.510	0.570	PASS
6	85	11.4	5.00	0.331	0.331	PASS
7	85	12.3	5.00	0.383	0.411	PASS
8	85	12.1	5.00	0.455	0.455	PASS
9	85	10.7	5.00	0.370	0.372	PASS
10	85	10.9	5.00	0.479	0.479	PASS
11	85	10.3	5.00	0.400	0.471	PASS
12	85	11.5	5.00	0.403	0.426	PASS
13	85	10.7	5.00	0.489	0.503	PASS
14	85	10.8	5.00	0.461	0.461	PASS
15	85	11.4	5.00	0.398	0.439	PASS
16	85	10.4	5.00	0.668	0.677	PASS
17	85	11.6	5.00	0.636	0.661	PASS
18	85	10.8	5.00	0.458	0.593	PASS
19	85	11.0	5.00	0.435	0.467	PASS
20	85	10.4	5.00	0.436	0.481	PASS

**Overall Result: PASS**

**Signature:**

**Date:** 3/21/2017

**Engineering Technician**

**Task Number:** TN-21384

**Reference No.:** CFR 84.181

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

**STP No.:** 59

**Manufacturer:** Xiantao Zhongyi Safety Protection Products Co.,

**Item Tested:** ZYB-11

**Comments:**

Samples 1-10 were tested on TSI 8130 machine 000332 using timer 000213. Samples 11-15 were tested on TSI 8130 machine 000333. Samples 16-20 were tested on TSI 8130 machine 000334.

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

**Signature:**



**Date:** 3/21/2017

**Engineering Technician**