

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



Task Number: TN-22183

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-13

Sample	Maximum Allowable Resistance (MM of H ₂ O)	Actual Resistance (MM of H ₂ O)	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:

Nickole L. Petitta

Date: 3/20/2017

Engineering

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



Task Number: TN-22183

Reference No.: CFR 84.180

Test: Inhalation Resistance Test

STP No.: 7

Manufacturer: Xiantao Zhongyi Safety Protection Products Co.,

Item Tested: ZYB-13

Filter Type: Filter Only

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

Overall Result: PASS

Signature:

Nichole L. Petitta

Date: 3/20/2017

Engineering

Task Number: TN-22183

Reference No.: CFR 84.180

Test: Inhalation Resistance Test

STP No.: 7

Manufacturer: Xiantao Zhongyi Safety Protection Products Co.,

Item Tested: ZYB-13

Comments:

Samples were tested on manometer 000285.

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:

Nicole L. Petetta

Date: 3/20/2017

Engineering

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



Task Number: TN-22183

Reference No.: CFR 84.181

Test: Sodium Chloride (NaCl) - N95

STP No.: 59

Manufacturer: Xiantao Zhongyi Safety Protection Products Co.,

Item Tested: ZYB-13

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

Task Number: TN-22183

Reference No.: CFR 84.181

Test: Sodium Chloride (NaCl) - N95

STP No.: 59

Manufacturer: Xiantao Zhongyi Safety Protection Products Co.,

Item Tested: ZYB-13

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:

Nichole L. Petetta

Date: 3/21/2017

Engineering