

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



Task Number: TN-24226

Reference No.: CFR 84.172

Test: Exhalation Resistance Test

STP No.: 3

Manufacturer: Shanghai Yunqing Industrial Co., Ltd.

Filter Type: Filter Only

Item Tested: YQD95

Sample	Maximum Allowable Resistance (MM of H ₂ O)	Actual Resistance (MM of H ₂ O)	Result
	Exhalation	Exhalation	
1	25	7.9	PASS
2	25	8.6	PASS
3	25	8.4	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:


Engineering Technician

Date: 11/12/2020

Task Number: TN-24226

Reference No.: CFR 84.172

Test: Exhalation Resistance Test

STP No.: 3

Manufacturer: Shanghai Yunqing Industrial Co., Ltd.

Signature: 



Date: 11/12/2020

Engineering Technician

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



Task Number: TN-24226

Reference No.: CFR 84.172

Test: Inhalation Resistance Test

STP No.: 7

Manufacturer: Shanghai Yunqing Industrial Co., Ltd.

Item Tested: YQD95

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	8.9	PASS
2	35	11.2	PASS
3	35	9.4	PASS

Overall Result: PASS

Signature: 



Date: 11/12/2020

Engineering Technician

Task Number: TN-24226

Reference No.: CFR 84.172

Test: Inhalation Resistance Test

STP No.: 7

Manufacturer: Shanghai Yunqing Industrial Co., Ltd.

Item Tested: YQD95

Comments:

Samples were tested on manometer 000034.

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



Yes



No

Signature:



Engineering Technician

Date: 11/12/2020

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



Task Number: TN-24226

Reference No.: CFR 84.174

Test: Sodium Chloride (NaCl) - N95

STP No.: 59

Manufacturer: Shanghai Yunqing Industrial Co., Ltd.

Item Tested: YQD95

Filter	Flow Rate lpm	Initial Filter Resistance mm water gauge	Maximum Allowable Percent Leakage	Initial Percent Leakage	Maximum Percent Leakage	Result
1	85	10.5	5.00	0.769	0.796	PASS
2	85	10.5	5.00	1.061	1.061	PASS
3	85	10.5	5.00	0.551	0.551	PASS
4	85	9.9	5.00	0.879	0.879	PASS
5	85	9.7	5.00	0.544	0.544	PASS
6	85	10.6	5.00	0.624	0.624	PASS
7	85	10.6	5.00	0.476	0.476	PASS
8	85	10.4	5.00	0.553	0.553	PASS
9	85	10.5	5.00	1.040	1.040	PASS
10	85	9.6	5.00	0.568	0.568	PASS
11	85	9.7	5.00	0.704	0.704	PASS
12	85	9.2	5.00	0.440	0.440	PASS
13	85	9.4	5.00	0.414	0.414	PASS
14	85	10.3	5.00	0.399	0.399	PASS
15	85	9.8	5.00	0.627	0.627	PASS
16	85	10.0	5.00	0.575	0.575	PASS
17	85	9.3	5.00	0.359	0.359	PASS
18	85	9.4	5.00	1.120	1.120	PASS
19	85	9.9	5.00	0.379	0.379	PASS
20	85	8.7	5.00	0.612	0.612	PASS

Overall Result: PASS



Signature: *[Handwritten Signature]*

Date: 11/13/2020

Engineering Technician

Form revision: 1.1 2 October 2019

Task Number: TN-24226

Reference No.: CFR 84.174

Test: Sodium Chloride (NaCl) - N95

STP No.: 59

Manufacturer: Shanghai Yunqing Industrial Co., Ltd.

Item Tested: YQD95

Comments:

Samples 1-2 were tested on TSI 8130A machine 000388. Samples 3-10 were tested on TSI 8130 machine 000333. Samples 11-20 were tested on TSI 8130 machine 000334. Flow rate is measured in liters/min. Resistance is measured in mm H2O.

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



Yes



No



Signature:

[Handwritten signature]

Date: 11/13/2020

Engineering Technician

Form revision: 1.1 2 October 2019