



TEST REPORT

Task Number: TN-19824

Manufacturer: Guangzhou Harley Commodity Company Limited

Prepared by: Nichole Petitta

Tests Conducted by: Nichole Petitta

Date: November 13, 2014

Respirator Tested: L-188 N95

Background Information

Respirator tested as per test request.

Tests Assigned

<u>Test Description</u>	<u>STP Number</u>
A. Exhalation Resistance Test	RCT-APR-STP-0003
B. Inhalation Resistance Test	TEB-APR-STP-0007
C. Sodium Chloride (NACL) N95 Test	TEB-APR-STP-0059

Overall Results

The respirator system tested met the requirements of all the procedures listed above.

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



Task Number: TN-19824

Reference No.: CFR 84.180

Test: Exhalation Resistance Test

STP No.: 3

Manufacturer: Guangzhou Harley Commodity Company Limited

Filter Type: Filter Only

Item Tested: L-188 N95

Sample	Maximum Allowable Resistance (MM of H2O)	Actual Resistance (MM of H2O)	Result
	Exhalation	Exhalation	
1	25	9.6	PASS
2	25	8.9	PASS
3	25	8.5	PASS

Overall Result: PASS

Comments:

Samples were tested on Brooks meter 0000283.

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

Yes No

Signature:

Nichole L. Petitta

Date: 11/4/2014

Engineering Technician

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



Task Number: TN-19824

Reference No.: CFR 84.180

Test: Inhalation Resistance Test

STP No.: 7

Manufacturer: Guangzhou Harley Commodity Company Limited

Item Tested: L-188 N95

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	10.5	PASS
2	35	10.5	PASS
3	35	9.7	PASS

Overall Result: PASS

Signature:

Nicole L. Petitta

Date: 11/4/2014

Engineering Technician

Task Number: TN-19824

Reference No.: CFR 84.180

Test: Inhalation Resistance Test

STP No.: 7

Manufacturer: Guangzhou Harley Commodity Company Limited

Item Tested: L-188 N95

Comments:

Samples were tested on Brooks meter 000036.

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

Yes No

Signature:

Nicholas L. Petitta

Date: 11/4/2014

Engineering Technician

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



Task Number: TN-19824 **Reference No.:** CFR 84.181
Test: Sodium Chloride (NaCl) - N95 **STP No.:** 59
Manufacturer: Guangzhou Harley Commodity Company Limited
Item Tested: L-188 N95

Filter	Flow Rate	Initial Filter Resistance	Maximum Allowable Percent Leakage	Initial Percent Leakage	Maximum Percent Leakage	Result
1	85	9.6	5.00	0.517	0.517	PASS
2	85	10.6	5.00	0.694	0.694	PASS
3	85	9.8	5.00	0.718	0.718	PASS
4	85	10.3	5.00	0.651	0.654	PASS
5	85	9.3	5.00	0.682	0.682	PASS
6	85	9.7	5.00	0.755	0.755	PASS
7	85	10.7	5.00	0.621	0.621	PASS
8	85	9.9	5.00	0.744	0.744	PASS
9	85	9.8	5.00	0.535	0.535	PASS
10	85	10.8	5.00	1.500	1.580	PASS
11	85	10.5	5.00	0.688	0.688	PASS
12	85	9.7	5.00	0.692	0.692	PASS
13	85	10.6	5.00	0.757	0.757	PASS
14	85	10.8	5.00	0.671	0.671	PASS
15	85	10.8	5.00	0.981	0.981	PASS
16	85	10.3	5.00	0.678	0.678	PASS
17	85	9.8	5.00	0.661	0.661	PASS
18	85	10.3	5.00	0.680	0.680	PASS
19	85	9.6	5.00	1.660	1.660	PASS
20	85	9.8	5.00	0.769	0.769	PASS

Overall Result: PASS

Signature:

Date: 11/13/2014

Engineering Technician

Task Number: TN-19824

Reference No.: CFR 84.181

Test: Sodium Chloride (NaCl) - N95

STP No.: 59

Manufacturer: Guangzhou Harley Commodity Company Limited

Item Tested: L-188 N95

Comments:

All samples were tested on TSI 8130 machine 000192 with samples 1-3 using timer 000214.

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

Signature:

Nichole L. Petitta

Date: 11/13/2014

Engineering Technician