

National Institute for Occupational Safety and Health National Personal Protective Technology Laboratory Technology Evaluation Branch Certification, Evaluation and Testing Section P.O. Box 18070 Pittsburgh, PA 15236

TEST REPORT

Task Number: TN-19825

Manufacturer: Guangzhou Harley Commodity Company Limited

Prepared by: Nichole Petitta

Tests Conducted by: Nichole Petitta

Date: November 21, 2014

Respirator Tested: L-288 N95

Background Information

Respirator tested as per test request.

Tests Assigned

Test Description	STP Number		
A. Exhalation Resistance TestB. Inhalation Resistance TestC. Sodium Chloride (NACL) N95 Test	RCT-APR-STP-0003 TEB-APR-STP-0007 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





Task Number: TN-19825

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-288 N95

Sample	Maximum Allowable Resistance (MM of H2O) Exhalation	Actual Resistance (MM of H2O) Exhalation	Result
1	25	10.8	PASS
2	25	10.7	PASS
3	25	10.3	PASS

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Overall	Result.	PASS

Comments:

Samples were tested on Brooks meter 000283.

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

Yes

Signature: Wille L. Petitla

Date:

11/4/2014

National Institute for Occupational Safety and Health Respirator Branch





Task Number: TN-19825

Reference No.: CFR 84.180

Test:

Inhalation Resistance Test

STP No.: 7

Manufacturer: Guangzhou Harley Commodity Company Limited

Item Tested: L-288 N95

Filter Type:

Filter Only

	Maximum Allowable Resistance (MM of H2O)	Actual Resistance (MM of H2O)	
Sample	Inhalation	Inhalation	Result
1	35	11.4	PASS
2	35	11.7	PASS
3	35	10.9	PASS

Overall Result: PASS

Signature: Wille L. Petitla

Date: 11/4/2014

Task Number: TN-19825

Reference No.: CFR 84.180

Test:

Inhalation Resistance Test

STP No.: 7

Manufacturer: Guangzhou Harley Commodity Company Limited

Item Tested:

L-288 N95

Comments:

Samples were tested on Brooks meter 000036.

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

Yes

Signature: Wille L. Petitla

Date: 11/4/2014

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



Task Number: TN-19825

Reference No.: CFR 84.181

Test:

Sodium Chloride (NaCl) - N95

STP No.: 59

Manufacturer: Guangzhou Harley Commodity Company Limited

Item Tested:

L-288 N95

Filter	Flow Rate	Initial Filter Resistance	Maximum Allowable Percent Leakage	Initial Percent Leakage	Maximum Percent Leakage	Result
1	85	12.2	5.00	0.379	0.388	PASS
2	85	12.2	5.00	0.559	0.560	PASS
3	85	11.6	5.00	0.781	0.765	PASS
4	85	12.0	5.00	0.650	0.650	PASS
5	85	11.7	5.00	0.665	0.665	PASS
6	85	12.3	5.00	0.520	0.520	PASS
7	85	10.9	5.00	0.598	0.598	PASS
8	85	12.5	5.00	1.390	1.490	PASS
9	85	11.3	5.00	0.794	0.794	PASS
10	85	13.2	5.00	0.654	0.654	PASS
11	85	13.3	5.00	0.610	0.610	PASS
12	85	11.4	5.00	0.629	0.629	PASS
13	85	12.1	5.00	0.640	0.640	PASS
14	85	12.0	5.00	0.755	0.755	PASS
15	85	11.7	5.00	0.899	0.934	PASS
16	85	12.2	5.00	0.616	0.616	PASS
17	85	12.0	5.00	0.684	0.684	PASS
18	85	12.7	5.00	0.501	0.501	PASS
19	85	11.0	5.00	0.319	0.326	PASS
20	85	11.4	5.00	0.669	0.669	PASS

Overall Result: PASS

Signature: Wille L. Petitla

Date: 11/21/2014

Task Number: TN-19825 Reference No.: CFR 84.181

Sodium Chloride (NaCl) - N95 Test: **STP No.:** 59

Manufacturer: Guangzhou Harley Commodity Company Limited

Item Tested: L-288 N95

Comments:

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? No Yes

Signature: Wille L. Petitta

Date: 11/21/2014