



NIOSH Reference: TN-16650  
Mfr. Reference: GER000270

Centers for Disease Control  
and Prevention (CDC)  
National Institute for Occupational  
Safety and Health (NIOSH)  
National Personal Protective  
Technology Laboratory (NPPTL)  
P.O. Box 18070  
Pittsburgh, PA 15236-0070  
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November 25, 2009

Mr. Robert Brunell  
Quality Control Manager  
Louis M. Gerson Company, Inc  
16 Commerce Boulevard  
Middleboro, Massachusetts 02346

Dear Mr. Brunell:

The National Institute for Occupational Safety and Health (NIOSH) has reviewed your request dated October 22, 2009. This request was for an extension of approval to TC-84A-0161 to add a private label version of the model 1740 N95 filtering facepiece air purifying respirator with exhalation valve for Libus of Buenos Aires, Argentina, under the same model number, as referenced on assembly matrix prbb51B13.xls.


This request is granted. Approvals are granted only for documentation written in the English language. It is the manufacturer's responsibility to correctly translate materials desired in languages other than English.

The CD enclosed with this letter contains the final respirator approval label. The abbreviated label has been accepted as submitted. The cautions and limitations which apply to this approval are on the approval label. Only those assemblies affected by this request, or where new approval numbers are assigned, apply to this approval action. Production approval labels cannot include information on unapproved configurations.

The approved assembly consists of the parts as listed on the approval label and the assembly matrix. Parts are to be marked with the numbers indicated on the approval label in a legible and permanent manner (marking cannot be removed without evidence of its previous presence).

No changes may be made to any respirator and accompanying documentation without prior written approval of NIOSH. Requests for changes must be submitted to NIOSH and a modification of this approval must be granted before changes are made.

Sincerely yours,

 Heinz W. Ahlers  
Chief, Technology Evaluation Branch  
National Personal Protective Technology Laboratory

Enclosures

National Institute for Occupational Safety and Health  
Certification and Quality Branch  
Air Purifying Respirator Section

TEST REPORT

Task Number: TN-08044

Prepared by: Jeff Peterson

Date: November 21, 1995

Manufacturer: Gerson

Item(s) Tested: Model 1740 N95 Particulate filtering facepiece with exhalation valve

Background Information:

On September 11, 1995, Gerson requested a new approval for the models 1740, 1741, 2744, 2745 and 2747 N95 disposable respirators with exhalation valves. All models are of the same media and dimension. They differ in headstrap attachment, open or close cell foam nosepiece, or triangular or rectangular shaped nosepiece. The model 1740 was tested as representative of all of the models listed. The exhalation valve was tested under TN-04154.1.

Tests Assigned:

1. N95 Filter Efficiency Test
2. Initial Inhalation Resistance Test
3. Initial Exhalation Resistance Test

Overall Results:

The items tested passed laboratory testing.

Individual Test Results:

See accompanying test sheets.

National Institute for Occupational Safety and Health  
 Certification and Quality Assurance Branch  
 Air-Purifying Respirator Section  
 Test Data Sheet



Task Number: TN-8044

Reference No.: CFR 84.181

Test: Sodium Chloride (NaCl) - N95

STP No.: 59

Manufacturer: Louis M. Gerson Company, Inc.

Item Tested: Gerson 1740 N95 disposable w/valv

Filter	Flow Rate	Initial Filter Resistance	Maximum Allowable Percent Leakage	Maximum Percent Leakage	Result
1	85	11.4	5.00	1.550	PASS
2	85	13.3	5.00	2.050	PASS
3	85	13.1	5.00	1.420	PASS
4	85	13.2	5.00	2.500	PASS
5	85	13.4	5.00	2.250	PASS
6	85	13.2	5.00	2.390	PASS
7	85	14	5.00	1.180	PASS
8	85	13.2	5.00	1.820	PASS
9	85	13.8	5.00	1.800	PASS
10	85	12.6	5.00	1.920	PASS
11	85	12.9	5.00	1.530	PASS
12	85	14.2	5.00	1.950	PASS
13	85	14.2	5.00	1.850	PASS
14	85	13.6	5.00	2.800	PASS
15	85	14.7	5.00	1.990	PASS
16	85	13.9	5.00	1.900	PASS
17	85	13.6	5.00	2.220	PASS
18	85	12.9	5.00	2.840	PASS
19	85	12.9	5.00	2.840	PASS
20	85	13.6	5.00	2.220	PASS

Overall Result: PASS

Signature: *Jeffrey A. [Signature]*

Date: 10/10/95

Engineering Technician

**Task Number:** TN-8044

**Reference No.:** CFR 84.181

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

**STP No.:** 59

**Manufacturer:** Louis M. Gerson Company, Inc.

**Item Tested:** Gerson 1740 N95 disposable w/valv

**Comments:**

None

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

Yes  No

**Signature:** 

**Date:** 10/10/95

**Engineering Technician**

National Institute for Occupational Safety and Health  
Certification and Quality Assurance Branch  
Air-Purifying Respirator Section  
Test Data Sheet



Task Number: TN-8044

Reference No.: CFR 84.181

Test: Inhalation Resistance Test

STP No.: 7

Manufacturer: Louis M. Gerson Company, Inc.

Item Tested: Gerson 1740 N95 with Exhalation V

Filter Type: Filter Only

Sample	Maximum Allowable Resistance (MM of H <sub>2</sub> O)		Actual Resistance (MM of H <sub>2</sub> O)		Result
	Inhalation		Inhalation		
	Initial	Final	Initial	Final	
1	35		11.4		PASS
2	35		12.7		PASS
3	35		11.2		PASS

**Overall Result: PASS**

Signature: *Robert E. Thomas P*

Date: 11/6/95

Engineering Technician

**Task Number:** TN-8044

**Reference No.:** CFR 84.181

**Test:** Inhalation Resistance Test

**STP No.:** 7

**Manufacturer:** Louis M. Gerson Company, Inc.

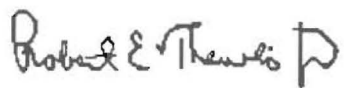
**Item Tested:** Gerson 1740 N95 with Exhalation V

**Comments:**

None

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

Yes  No

Signature: 

Date: 11/6/95

Engineering Technician

National Institute for Occupational Safety and Health  
Certification and Quality Assurance Branch  
Air-Purifying Respirator Section  
Test Data Sheet



Task Number: TN-8044

Reference No.: CFR 84.180

Test: Exhalation Resistance Test

STP No.: 3

Manufacturer: Louis M. Gerson Company, Inc.

Item Tested: Gerson 1740 disposable N95 with E

Filter Type: Filter Only

Sample	Maximum Allowable Resistance (MM of H <sub>2</sub> O)		Actual Resistance (MM of H <sub>2</sub> O)		Result
	Exhalation		Exhalation		
	Initial	Final	Initial	Final	
1	25		9.7		PASS
2	25		7.6		PASS
3	25		7.9		PASS

Overall Result: PASS

Signature: *Robert E. Thomas P*

Date: 11/6/95

Engineering Technician

**Task Number:** TN-8044

**Reference No.:** CFR 84.180

**Test:** Exhalation Resistance Test

**STP No.:** 3

**Manufacturer:** Louis M. Gerson Company, Inc.

**Item Tested:** Gerson 1740 disposable N95 with E

**Comments:**

None

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



Yes



No

**Signature:**

*Robert E. Thewlis P*

**Date:** 11/6/95

**Engineering Technician**