



NIOSH Reference: TN-15131

Mfr. Reference: DRA070

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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September 20, 2007

Mr. Klaus-Michael Rueck
Diplom Engineer
Dräger Safety AG & Co. KGaA
Research & Development of PPE
Revalstraße 1
Luebeck, D-23560
GERMANY

Dear Mr. Rueck:

The National Institute for Occupational Safety and Health (NIOSH) has reviewed your request dated April 26, 2007. This request was for approval of the Dräger X-plore model 3300/3500 half mask and the model 5500 full facepiece air purifying respirators with a new P100 filter, part number 67 38 392 as described on assembly matrices DRA070_HalfMask_AM.xls and DRA070_FullFace_AM.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. Approval numbers TC-84A-4504 (half mask series) and TC-84A-4505 (full facepiece series) have been assigned. These respirators are approved for protection at a P100 particulate efficiency level.

The CD enclosed with this letter contains the final respirator and filter approval labels. The cautions and limitations which apply to these approvals are on the approval labels. 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.

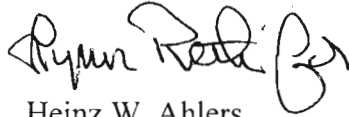
The approved assemblies consist of the parts as listed on the approval labels and the assembly matrices. Parts are to be marked with the numbers indicated on the approval labels in a legible and permanent manner (marking cannot be removed without evidence of its previous presence).

This certificate of approval is not an endorsement of the respirator by NIOSH, and such endorsement shall not be stated or implied in advertisements or other publicity. However, you may publicize the fact that this respirator has met the requirements of Title 42, *Code of Federal Regulations*, Part 84.

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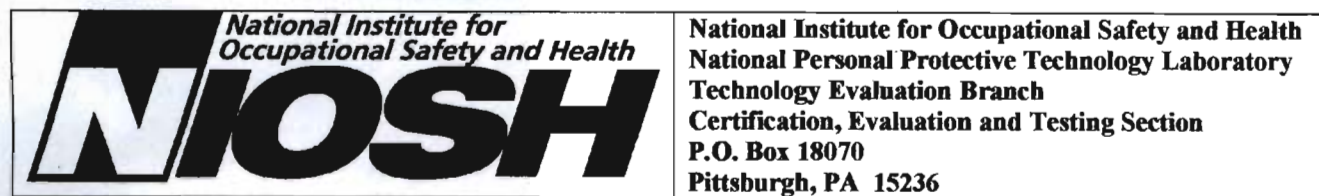
No changes may be made to any respirators and accompanying documentation without prior written approval of NIOSH. Requests for changes must be submitted to NIOSH and a modification of this approval must be granted before changes are made.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Heinz W. Ahlers". The signature is fluid and cursive, with a large initial "H" and "A".

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

Enclosures



TEST REPORT

Task Number: TN-15131

Manufacturer: Dräger Safety

Prepared by: Jeremy J. Brannen

Tests Conducted by: Jeremy J. Brannen

Date: July 30, 2007

Respirator Tested: R 55 330/ R 55 270/ 67 38 392 P100 Nuisance Filter

Background Information

In an application dated April 26, 2007 Dräger Safety requested approval of the Dräger X-plore model 3300/3500 half mask and the model 5500 full facepiece air purifying respirators with a new P100 filter, part number 67 38 392 as described on assembly matrices DRA070_HalfMask_AM.xls and DRA070_FullFace_AM.xls.

Tests Assigned

Test Description	STP Number	Reference
A. Inhalation Resistance Test	RCT-APR-STP-0007	84.203
B. DOP P100 Test	RCT-APR-STP-0051	84.181

Overall Results

The items tested passed laboratory testing.

Individual Test Results

See attached test data sheets.

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



Task Number: TN-15131

Reference No.: CFR 84.203

Test: Inhalation Resistance Test

STP No.: 7

Manufacturer: Dräger Safety

Item Tested: R 55 330/R 55 270/67 38 392 P100 Nuisance Filter

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	18.5	PASS
2	35	18.5	PASS
3	35	18.5	PASS
4	35	27.9	PASS
5	35	27.9	PASS
6	35	27.7	PASS

Overall Result: PASS

Signature:

Engineering Technician

Date: 7/30/2007