



DEPARTMENT OF HEALTH & HUMAN SERVICES

NIOSH Reference: TN-21474  
Mfr. Reference: DRA233

Centers for Disease Control  
and Prevention (CDC)  
National Institute for Occupational  
Safety and Health (NIOSH)  
National Personal Protective  
Technology Laboratory (NPPTL)  
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July 18, 2017

Mr. Klaus-Michael Rück  
Research & Development of PPE  
Dräger Safety AG & Co. KGaA  
Revalstraße 1  
D-23560 Lübeck  
GERMANY

Dear Mr. Rück:

The National Institute for Occupational Safety and Health (NIOSH) has reviewed your request accepted March 3, 2017. This request was for approval of the model X-plore 8000 Powered Air Purifying Respirator (PAPR) system, part number R59500, with various loose fitting hoods and helmets, and with the part number 6739560 cartridge for protection against organic vapors (OV) and particulates at a high efficiency (HE) filtration level, OV/HE. Reference assembly matrix DRA233AMa.xls, dated March 3, 2017.

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 approval numbers have been assigned as shown in the table below:

APPROVAL NUMBER TC- AS SHOWN	DESCRIPTION	CARTRIDGE/ FILTER	PROTECTION <sup>1</sup>
23C-3301	X-plore hoods standard and premium (long) part numbers R59820, R59830, R59860, and R59870 with cartridge	6739560	OV/HE
23C-3302	X-Plore hoods standard and premium hoods (short) part numbers R59800, R59810, R59840, and R59850 with cartridge	6739560	OV/HE

23C-3303	Dräger X-plore 8000 Helmet with visor part numbers R58325 and R59910 with cartridge	6739560	OV/HE
23C-3304	Dräger X-plore 8000 Protective Visor part number R59900 with cartridge	6739560	OV/HE

<sup>1</sup>Protection - Codes are defined on the enclosed approval labels.

The final respirator and cartridge approval labels are included as attachments to this letter. 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 matrix. Parts are to be marked and the numbers indicated on the approval label 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 respirators by NIOSH, and such endorsement shall not be stated or implied in advertisements or other publicity. However, you may publicize the fact that these respirators have met the requirements of Title 42, *Code of Federal Regulations*, Part 84.

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,



David Chirdon  
Chief, Conformity Verification and  
Standards Development Branch  
National Personal Protective Technology Laboratory