



DEPARTMENT OF HEALTH & HUMAN SERVICES

NIOSH Reference: TN-20667  
Mfr. Reference: DRA209

Centers for Disease Control  
and Prevention (CDC)

National Institute for Occupational  
Safety and Health (NIOSH)  
National Personal Protective  
Technology Laboratory (NPPTL)  
626 Cochran Mill Road  
Pittsburgh, PA 15236-0070  
Phone: 412-386-4000  
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December 22, 2016

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 February 5, 2016. This request was for approval of the Model X-plore 8000 Powered Air Purifying Respirator (PAPR) system with loose fitting protective visor headpiece, Part Number R59900, with cartridge Part Number 6739590, for protections against chlorine (CL), hydrogen fluoride (HF), ammonia (AM), methylamine (MA), formaldehyde (FM), hydrogen sulfide (HS), sulfur dioxide (SD) and hydrogen chloride (HC), CL/HF/AM/MA/FM/HS/SD/HC, reference assembly matrix DRA212AMd.xls.xls, dated November 16, 2016.

Testing was successfully performed under TN-20666.

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 number TC-23C-3193 has been assigned. This respirator is approved for protection against chlorine (CL), hydrogen fluoride (HF), ammonia (AM), methylamine (MA), formaldehyde (FM), hydrogen sulfide (HS), sulfur dioxide (SD) and hydrogen chloride (HC), (CL/HF/AM/MA/FM/HS/SD/HC).

The final respirator, filter and cartridge approval labels are included as attachments under TN-20670. 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 with 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 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 (42 CFR 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,

A handwritten signature in cursive script, appearing to read "David Chirdon".

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