



DEPARTMENT OF HEALTH & HUMAN SERVICES

NIOSH Reference: TN-20609  
Mfr. Reference: DRA198

Centers for Disease Control  
and Prevention (CDC)

National Institute for Occupational  
Safety and Health (NIOSH)  
National Personal Protective  
Technology Laboratory (NPPTL)  
626 Cochran's Mill Road  
Pittsburgh, PA 15236-0070  
Phone: 412-386-4000  
Fax: 412-386-4051  
December 9, 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 December 30, 2015. This request was for an extension of approval for the model X-plore 8000 Powered Air Purifying (PAPR) loose fitting hood systems and combination cartridge for organic vapor (OV), chlorine (CL), hydrogen chloride (HC), sulfur dioxide (SD) with high efficiency (HE) filter (OV/CL/HC/SD/HE) approved under TC-23C-3098 (long hood) and TC-23C-3099 (short hood):

1. Add two alternate carrying harnesses, part numbers R59710 and R59720.
2. Add 11 accessory items and revise the user instructions as identified on assembly matrix DRA198AMb.xls, dated December 16st, 2015.
3. Revise Process Quality Plans (PQPs) PQP\_2260848R03.pdf and PQP\_2260854R03.pdf.

Reference assembly matrix DRA198AMb.xls, dated December 16st, 2015.

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 final respirator and filter/cartridge approval labels are included as attachments to this letter (reference TN-20608). The cautions and limitations which apply to this approval 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 labels in a legible and permanent manner (marking cannot be removed without evidence of its previous presence).

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

Enclosures