



Who are we?



Celebrating our 26th year, we have been supporting the Fire and Emergency Management Industry in Western Canada.

SCBA and SABA – Sales and Service

Thermal Imaging Camera's

Compressor Sales and Service

HAZMAT

Portable gas detection (Dräger / MSA / BW Technologies & RAE / Blackline / GasClip / RKI to name a few)

Area Gas Detection (Dräger X-Zones / AreaRAE's / Blackline EXO)

Rentals

Turnarounds

Did You Know?

Electrogas carries TIC's for AIFEMA Members?

MSA – Dräger – SEEK Thermal



Truck Mounted TIC's.

RPX Technologies Hypersight HS-160R & HS-320R Truck & Ladder Mounted TIC's.



Visual and thermal image comparison shows view along the head of the fire



PARAT Escape Hoods
When every second counts...

PARAT 4900/5500/7500

Presented by



3 hospitalized, more than a dozen rescued in 111 Avenue apartment fire. March 6, 2023



According to one resident, Jody, she and her neighbors were unable to escape because the smoke in the hall was so thick.

“I’m shaken and my eyes are burning”

Dräger PARAT® Escape Hoods

Examples of victim rescue with fire services



Dräger PARAT® Escape Hoods



In an emergency situation, there is no time to spare. Users don't have time to read lengthy instruction manuals for their equipment. An escape hood, especially, must be fast and easy to use.

Dräger PARAT® Escape hoods were developed in cooperation with users – always with the focus on the fastest possible escape.

Optimized operation and wearing comfort, a robust housing and tested filters guarantee that the wearer of the Dräger PARAT® is protected from toxic industrial and fire-related gases, vapours and particles for at least 15 minutes.



Ready for escape in only three steps

STEP 1
OPEN

STEP 2
DON

STEP 3
Escape



The filters **reliably** protect the user from a wide range of toxic industrial and fire-related gases, vapours and particles.

The specially designed, anti-fog coated visor provides a **clear view** during an escape.

At a glance

Clearly visible hood

Hood in signal colour for high visibility

Internal head harness

Thanks to the automatically adjusting internal head harness, no additional tightening of the hood is required.

High-performance filter

Filter expiration date is clearly marked; the filter is automatically released from the packaging when opened.

Exhalation valve

Directly leads the exhaled air out of the half mask



Overall protection

16 years of total service life (provided the filter is exchanged after 8 years.), Hood provides respiratory and eye protection

Clear view

Wide field of vision due to a specially formed visor. Always a clear view thanks to a special anti-fog coating

Good fit

Specially designed half mask fits a wide variety of face sizes

Textile neck seal

Flexible textile neck seal

Replacing the filter after 8 years will extend the service life of the Dräger PARAT Escape Hood to 16 years in total.

The three versions of Dräger PARAT

INDUSTRIAL ESCAPE HOOD DRÄGER PARAT 4700



protection against **toxic industrial gases, vapours and particles**

ABEK P3 Filter

according to DIN 58647-7 for filtering escape devices; filter additionally tested in accordance with EN 14387:2004 for gas filter (s) and combined filter (s)

available in Hard Case and Soft Pack

various carrying options

FIRE ESCAPE HOOD DRÄGER PARAT 5500



protection against **toxic fire-related gases, vapours and particles**

CO P2 Filter

according to EN 403:2004 for fire escape hoods, additionally tested for the use against H₂S (at 2,500 ppm) in accordance with DIN 58647-7

available in Hard Case, Soft Pack and Single Pack

various carrying options

FIRE & INDUSTRIAL ESCAPE HOOD DRÄGER PARAT 7500



protection against **toxic industrial gases, vapours, particles and fire-related gases**

ABEK CO P3 Filter

according to EN 403:2004 for fire escape hoods; according to DIN 58647-7 for filtering escape devices; filter additionally tested in accordance with EN 14387:2004 for gas filter (s) and combined filter (s)

available in Hard Case and Soft Pack

various carrying options

Use

Filter

Approval

Packaging types

Carrying options

Training hoods in the Single Pack, Soft Pack and Hard Case versions are available.

PARAT 4900: NIOSH Approved Version

PARAT 4920: NIOSH Approved and Independently Tested Gases & Protection

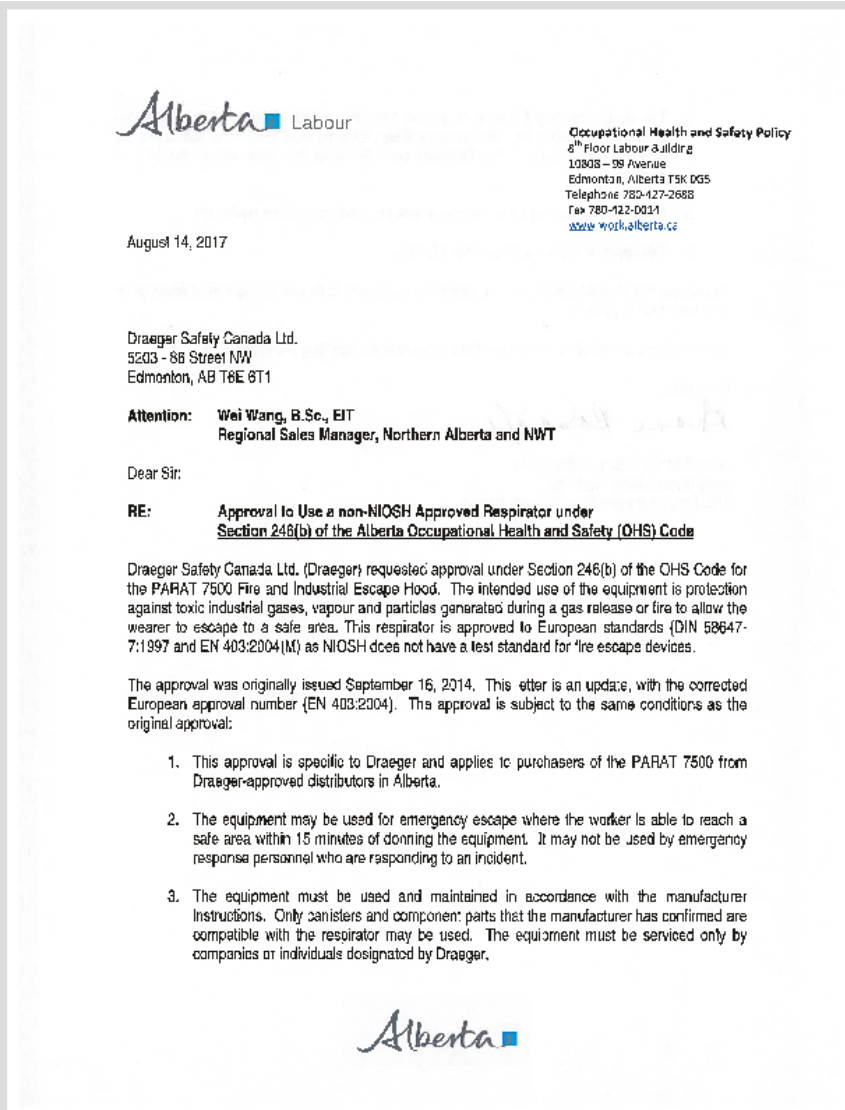


Gas / Vapour:	Test Concentration:	Minimum Service Life (min.) :	Tested by:
Ammonia	1000 ppm	25 min.	NIOSH CFR 84.207
Chlorine	500 ppm	17.5 min.	NIOSH CFR 84.208
Chlorine Dioxide	500 ppm	30 min.	NIOSH CFR 84.209
Hydrogen Chloride	500 ppm	25 min.	NIOSH CFR 84.210
Hydrogen Fluoride	70 ppm	30 min.	NIOSH CFR 84.211
Hydrogen Sulfide	1000 ppm	30 min.	NIOSH CFR 84.212
Methylamine	1000 ppm	12.5 min.	NIOSH CFR 84.213
Organic Vapor Test	1000 ppm	25 min.	NIOSH CFR 84.214
Sulfur Dioxide Test	500 ppm	15 min.	NIOSH CFR 84.215
HCHO / Formeldahyde	100 ppm	40 min.	Independent / In-House Testing
HCN / Hydrogyn Cyanide	500 ppm	50 min.	Independent / In-House Testing
Hg / Mercury Vapours	21.5 mg x m ⁻³	60 min.	Independent / In-House Testing

PARAT 7500: EN Approved Version

Test Gas	Concentration / ppm	Breakthrough / ppm	Minimum breakthrough time / min
C_6H_{12}	2,500	10	15
Cl_2	2,500	0.5	15
H_2S	2,500	10	15
HCN	2,500	10	15
SO_2	2,500	5	15
NH_3	2,500	25	15
H_2S	10,000 ¹⁾	20	5

PARAT 7500: EN Approved Version – Alberta OHS Conformity Approval



Packaging options

The robust packaging of the Dräger PARAT protects the escape device and decreases steps to use – making it fast & simple.

Hard Case

Dust and splash water protection

Protects from dust and splash water (IP54)



Protective seal

Shows that the packaging has not been opened

Opening flap

High visibility, arrow indicates opening direction

Optical control

Window allows to check the expiration date and the device condition

Filter sealing plug

When opened, the filter plug is automatically released from the filter

QR code

Provides additional information on the Dräger website

Pictograms

Indicate the field of application, approval and donning of the hood

Soft Pack

Dust protection

Protects from dust (IP5X)



Carrying options

- Ergonomics and carrying comfort were considered when designing the packaging of the Dräger PARAT
- You can select between Hard Case and Soft Pack
- You can comfortably wear your Hard Case or Soft Pack on a belt or on a shoulder strap, grip clip or belt clip.
- A special wallholder is available for the Hard Case



Donning Hard Case

Dräger PARAT® Hard Case



Open the yellow handle. When opening, the security seal should break.



Open the hard case completely. The front filter sealing plug should be automatically removed.



Remove the hood from the Hard Case. Pull the hood against the Velcro holder, it will automatically open. The second filter sealing plug will automatically be detached when the hood is removed.




Widen the neck seal and pull the hood over your head. The inner head harness automatically adjusts to your head. Ensure that nose and chin sit comfortably in the half mask and that all hair is tucked into the hood.



Check the fit of the half mask by closing the front filtering opening with the palm of your hand. If negative pressure is not generated readjust the half mask to ensure a close fit over nose and mouth.



Ready for use.

Video on 

<http://www.youtube.com/watch?v=XiK6NQSyWVE&feature=youtu.be>

Donning poster order code: 9094203



Donning Soft Pack

Dräger PARAT® Soft Pack



Break the security seal.



Pull the yellow flap downwards.



Open the soft pack completely. The front filter sealing plug should be automatically removed.



Remove the hood from the Soft Pack. Pull the hood against the Velcro holder, it will automatically open. The second filter sealing plug will automatically be detached when the hood is removed.



Widen the neck seal and pull the hood over your head. The inner head harness automatically adjusts to your head. Ensure that nose and chin sit comfortably in the half mask and that all hair is tucked into the hood.



Check the fit of the half mask by closing the front filtering opening with the palm of your hand. If negative pressure is not generated readjust the half mask to ensure a close fit over nose and mouth.



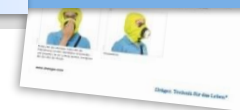
Ready for use.

Video on



http://www.youtube.com/watch?v=DMtHs_h5VAg&feature=youtu.be

Donning poster
 order code:
 9094201



Filter replacement



The window on the Soft Pack and Hard Case packaging allows the easy control of the filter expiration date.

Replacing the filter after 8 years extends the service life of the Dräger PARAT Escape Hood to 16 years in total.

For this, Dräger offers filter replacement service or an expert training for your employees.
In the long term, this offers you great cost savings.

Take a look at the respective instructions on our youtube channel:

<http://www.youtube.com/user/draeger>



Cost Comparison

1. Significantly lower costs - 16-year service life, no annual fit test, no refill charges, no maintenance, no annual flow test, no training cost.

Expense	SCBA	PARAT
Purchase	\$3,700	\$359
Fit Test (Yearly)	\$100	\$0
Flow Test (Yearly)	\$100	\$0
Refill (2x year)	\$100	\$0
Training	\$150	\$0
Total	\$4,140	\$359

Training and maintenance

2. No external training requirements

- All training can be done internally. Video tutorial and donning posters available.
- www.YouTube.com
- Training hoods can be ordered separately.

3. Maintenance

- Daily checks performed visually by the user
- Filter changes at 8 years and after each use can be performed internally. No need for outside maintenance support.

Please contact us

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