

**USER NOTIFICATION**

MARCH 2020

**Virus Protection Information Update for NH15K Users**

**Introduction :**

The NH15K escape hood is designed to protect individuals in a hazardous emergency evacuation by providing immediate protection in under 30 seconds. The CE marked or NIOSH approved NH15K is certified to protect for a minimum of 15 minutes.

It has highly efficient filters that will protect you against Biological, Chemical and Radiological hazards, particularly for the head, respiratory (nose & mouth) and eye protection in an emergency.

Due to the current COVID-19 crisis, which is an exceptional circumstance, Akbarys Protection would like to provide additional information on the NH15K properties that are outside of the current certification in response to questions that have been asked by users.

**Filtering Properties :**

The NH15 has two combined particulate and gas/vapour filters that filter the inspired air, ensuring clean air is presented to the wearer. The Gas and vapour protection is broad range with particularly high efficiency against Hydrogen Sulphide (H<sub>2</sub>S) hence its suitability for operations involving this threat. It also protects against the following:

**TOXIC CHEMICALS**

Hydrogen Sulphide	Hydrogen Cyanide
Ammonia	Nitrogen Dioxide
Sulphur Dioxide	Phosphine
Cyclohexane	Phosgene
Formaldehyde	Bromine
Chlorine	Cyanogen Chloride



In terms of particle protection, the NH15 meets the following specification:

FILTER PERFORMANCE	
Particulate penetration	P3/P100 (Less than 0.03%)

Which means that efficient particulate protection is provided against the following challenges: S

**PARTICLE PROTECTION**

Viruses	Bacteria
Spores	Radiological particles
Dust	Powder

The NH15 K will therefore offers multiple types of protection simultaneously from a variety of threats. The particle protection is provided via a controlled pore size media which will operate until fully saturated, at which point the wearer will experience higher breathing resistance and should change hoods. The protection against small particles takes a significant length of time to accumulate on the particle filter so normally the particle protection will continue to operate effectively for significantly longer than the gas/vapour protection.

This means that the NH15K will provide an effective barrier to viruses and we expect that this protection will be afforded for significantly longer than the approved wear time and will remain effective, even in a multiple wear scenario for particle protection only, when worn by the same individual.

Akbarys Protection recommends that the NH15K can be used in this non-certified manner for a maximum of 30 days once opened for particulate (virus) protection only. Prior to reuse, the hood should be inspected for damage such as neckdam and nosecup tears. If damaged do not reuse.

The NH15 K will protect the wearer from other people in their vicinity but may not protect other people from the wearer.

A NH15 K can be cleaned using biological wipes or conventional hand soap and water, ensuring that the outside of the hood is cleaned between each use and dried using a cloth. It is also important for the wearer to follow hygiene advice for washing hands and not to touch their face during donning and doffing to minimise touch risks associated with virus transfer and this advice does not supersede local guidelines if they exist.

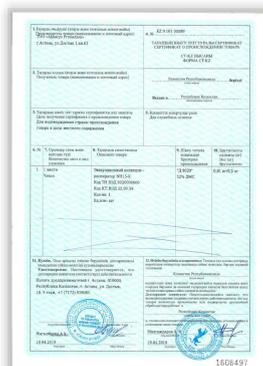


## CERTIFICATES:

### CE



### CT.kz



### EAC

