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Thursday, 11 November 2021

Ref: JSP Mk®8 Evolution®, EVO® VISTA™ ASCEND™ & EVO®6100 ASCEND™ Protection Life

There is no requirement in ANSI and EN Standards for a test on shelf life on these pieces of equipment. Indeed, given the varied storage conditions and treatment the products receive in the field, it would be difficult, if not impossible to devise such a test. Manufacturers are however required to give some useful life guidelines.

The maximum lifespan of these products is 10 years from date of manufacturer.

A helmet is no longer fit for use when:

- It does not pass the pre use inspection (as per the User Instruction Leaflet)
- It has been dropped, thrown or received an impact
- It is more than 10 years old

Storage - it would be reasonable to expect a maximum shelf life on an unused helmet to be five years as long as it has been stored in reasonable conditions (i.e. not exposed to extremes of temperature, moisture or light, chemicals, etc.).

Head Protection equipment is, in general, treated with a lack of care and attention, they are:

- Thrown or dropped to the ground
- Used as a receptacle for various items
- Carried on the rear window shelf of a vehicle.

Given this sort of use, JSP's experience suggests that a maximum life is reduced. However, if the Head Protection equipment is treated with care and kept in suitable conditions, JSP would expect the maximum life of head protection equipment to be up to ten years.

All helmets carry a date of manufacture and JSP would not expect to see a helmet more than 10 years old still in daily use.

## **Manufacturing for Safety**

CHAPSMITH: CLASSIC: ILES OPTICAL: INVINCIBLE: MEDIC-AIR: NAVIGATOR: OLYMPUS: PANORAMA: STEPHENS-ITEX  
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## MARKING OF INDUSTRIAL SAFETY HELMETS

Do not apply paint, solvents, adhesives or self-adhesive labels, except in accordance with the instructions from the helmet manufacturer. It is acceptable to use a Sharpie Fine Point Permanent Marker using ink dyes containing n-propanol (71-23-8), n-butanol (71-36-3) and diacetone alcohol (123-42-2). This type of pen should only be used on the peak or the "Shield" part of the front of the hat. Use of other types of marking effect will invalidate any warranties.

Should you have any further question please feel free to contact JSP's Technical Support Department: [technical.service@jsp.co.uk](mailto:technical.service@jsp.co.uk)

Yours sincerely,

A handwritten signature in black ink, reading "Matthew Judson". The signature is written in a cursive style with a horizontal line underneath the name.

MATTHEW JUDSON, B.Eng(Hons)., ACQI.  
Director – Respiratory & Technical Support  
JSP Ltd

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