

EU Declaration of Conformity No. SAR/Q002



Specialist Access & Rescue
Products Ltd.

This declaration of conformity is issued by Specialist Access & Rescue Products Ltd.
Of Sarena House, Vulcan Street, Oldham, OL1 4LQ

We hereby declare that:

Equipment: Multipod
Models: QU005, QU005B1, QU005B2

is in conformity with PPE EU Regulations 2016/425, as well as the applicable requirements of
the following standards (where applicable)

Ref No.

EN795:2012 Type-B
PD CEN/TS 16415:2013 Type B

Notified body: SGS United Kingdom Ltd, Weston-Super-Mare, BS22 6WA, UK.
Notified Body No: C€0120

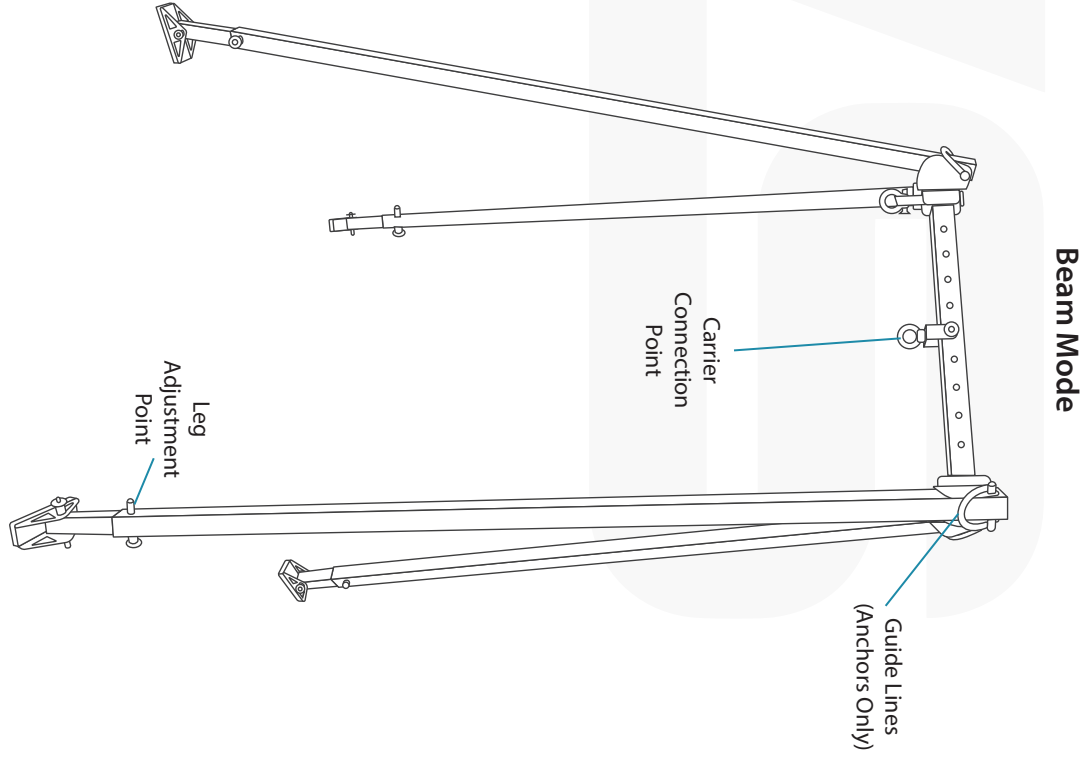
Performed the EU type examination and issued the module B EU type examination certificate(s):

GB20/965473

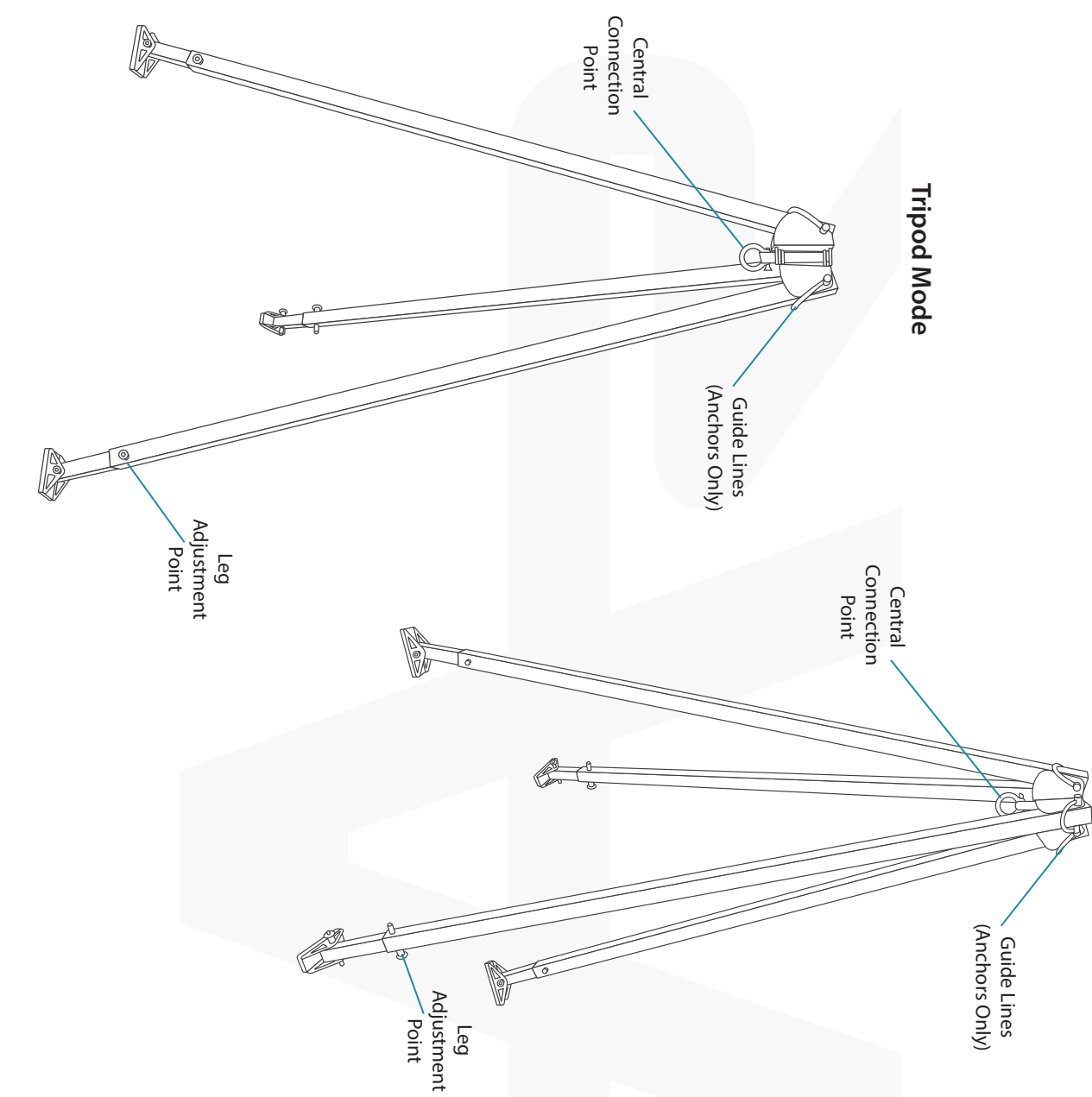
The PPE is subject to the conformity assessment procedure. Conformity to type Based on Quality Assurance of the Production Process Module D. Under the surveillance of the above Notified Body.

Signed by:

Name: Lee Allport
Position: Operations Director
Done At: SAR Products - Sarena House, Vulcan Street, Oldham, OL1 4LQ
On: 25/03/20



Beam Mode



Tripod Mode

Quadpod Mode

Product Record

This documentation should be issued with and kept for each item or system. Please see the product label for the details required below. Consult this guide for advice on inspection, maintenance, lifespan, etc.

User's Name:		Date Of Purchase:		Product Serial No.:	
Date Of Manufacture:		Date Of Purchase:		Product Serial No.:	
Inspection Record					
Date	Reason for entry: Periodic examination or repair	Name of Inspector	Next date of Inspection		

Declaration Of Conformity

The EU Declaration of conformity is available by scanning the QR code or visiting - www.sar-products.com/eu-doc/



Certificate Of Conformity

We certify that the Multipod conforms to EN795:2012 Type B, CEN/TS 16415:2013 Type B
Other components used with this product must conform to the relevant EN standards.

Signature:..... For SAR Products Ltd

Specialist Access & Rescue Products Ltd.
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Specialist Access & Rescue
Products Ltd.

User Guide:
Multipod



Conforms to:

EN795:2012 Type B & CEN/TS 16415:2013 Type B

CE0120

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The SAR Multipod conforms to:

CE 0120, EN795:2012 Type B for a one person load centre eye in Quadpod mode Tripod mode and Beam mode.
CEN/TS 16415:2013 Type B for a 3 person load centre eye in Quadpod mode Tripod mode and Beam mode.

When the Multipod is used above a one person load then this is not classed as PPE and therefore does not fall under the PPE Regulation 2016/425.

Design

The Multipod was designed specifically for technical rescue and access. It is far more adaptable than any other product on the market. It enables the user to access many areas other devices cannot. We strongly advise the user to be trained in its many uses and learn about its physical strengths and weaknesses.

Use

The Multipod has been designed as a removable elevated anchor point as shown in the positions below. The positions and the working load limits must be followed at all times to be compliant to the standards list above. The Multipod should be assembled by a competent person.

The Multipod should only be used for personal fall protection equipment and not for lifting equipment.

When the Multipod is used as part of a fall arrest system then the user must use a device that will limit the impact force to 6kN.

Weights must be taken into consideration or calculated before the Multipod is used.

During normal operating conditions and under the guidelines set out in this user guide, there will be no deflection or deformation.

Consideration to the surface the Multipod will be used on must be taken into account, for example: Can the ground take the loading that will be applied and is the ground uneven? The feet must be as at as possible on the ground, failure to check may result in dramatically lower working load limits.

The Multipod can also be used in many other positions which are described further on. The Multipod can be used as an anchor in the following recommended modes conforming to the standards above:

1. Quadpod mode standard pyramid, Short front legs, long back legs, short back legs,long front legs as in diagrams A, B & C.
2. Tripod mode, Short front legs, long back leg, short back leg, long front legs as in diagrams D, E & F.
3. Beam mode, Short front legs, long back legs, short back legs ,long front legs as in diagrams G, H & I.

Working load limits of the Multipod

The working load limit refers to the total load limit the Multipod can be used with in diagrams A, B, C, D, E, F, G, H & I.

The working load limit for a static load used with the Multipod is 300Kg.

Where dynamic loads are to be used, please refer to the standard and the part of the Multipod that has been tested for these loads.

1. CE 0120, EN795:2012 Type B for a one person (100Kg) load centre eye and Beam only.
2. CEN/TS 16415:2013 Type B for a 3 person (300Kg) load centre eye and Beam only.

Breaking load limits

For a single person load EN797:2012 the minimum breaking strength is 15kN.

The centre eye meets these requirements when used in the positions in diagrams A, B, C, D, E, F, G, H & I.

For a 3 person load CEN/TS 16415/2013 the minimum breaking strength is 15kN.

Assembling the Multipod.

The Multipod must be assembled in a safe area before use. It is the responsibility of the user to ensure their own safety when doing so.

Inspection and Maintenance

- Before and after every use.
- Check all the locking nuts are secure.
- All retaining pins are in place.
- Ensure the eye bolt at the head of the Multipod is free of dirt and free in movement.
- Check the rubber feet are free from defects.

After use wipe down any excess moisture and coat pins and bolts in light machine oil wiping away any excess oil.

Maintenance and inspections should only be carried out by a competent person at least every 6 months.

Warning

Always remain within the foot print of the Multipod when set up as a removable anchor point and always remain below the anchor point, this will minimise a pendulum fall onto the anchor point which could potentially make the Multipod unstable.

The Multipod adjustable webbing leg straps must be used at all times.

Diagram A

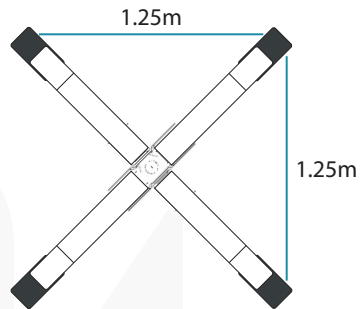


Diagram B



Diagram C

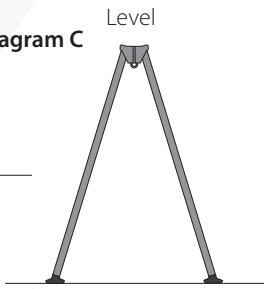


Diagram D

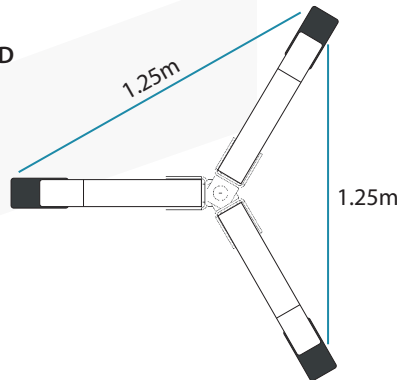


Diagram E

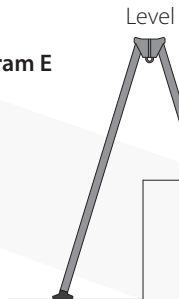


Diagram F

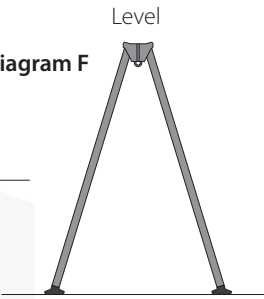


Diagram G

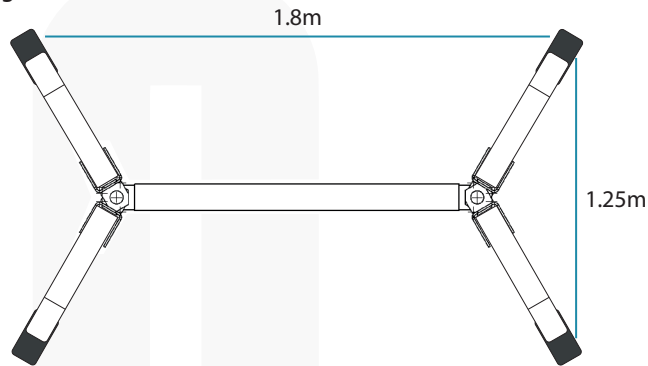


Diagram H

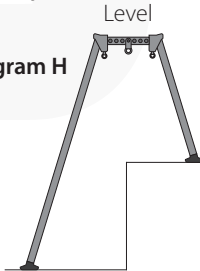
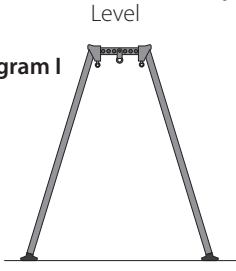


Diagram I



Setting up the Multipod

1. Set the Multipod up as required in the relevant mode, please see diagram 1 for Quadpod mode, diagram 2 for Tripod mode and diagram 3 for Beam mode.
2. Adjust the legs to the correct height and width and lock the legs into position using the pins. Ensure as to not catch the fingers when doing so.
3. Connect the Multipod adjuster buckles between the legs, These need to be clipped into the small feet at the bottom of the legs and must be used at all times.
4. Pull the strap through buckle as in figure 1.
5. Press inner buckle clamp to release in figure 2.

Fig 1

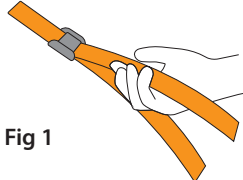
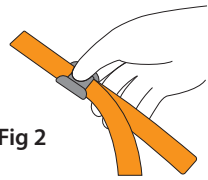


Fig 2



6. Excess webbing should be placed in the elastic webbing tidy.
7. When using the Multipod in Quadpod, Tripod and Beam mode always use the centre eye bolts and removable Beam bolts.

Diagram 1

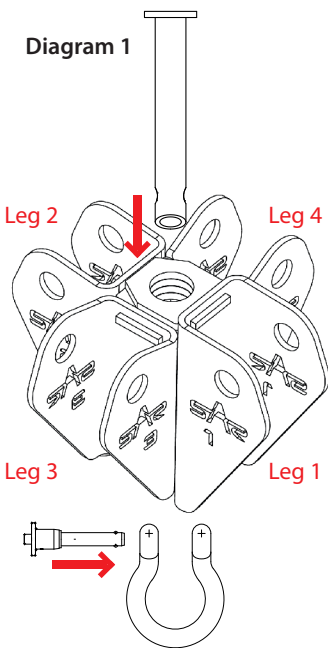
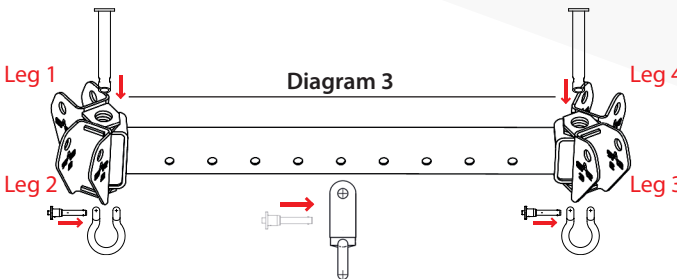
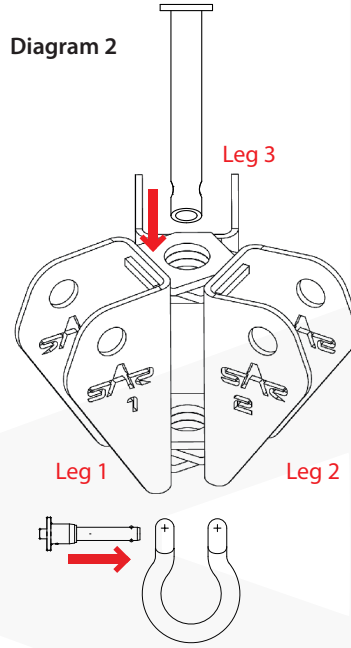


Diagram 2



Inspection of metal parts

Check welds and metal parts for cracks, distortion, corrosion, wear by abrasion, burrs, worn or loose rivets, bolts or screws, discolouration caused by extreme heat (greater than 100° C) seizure of moving parts, broken or missing components.

Check that all holes that take the locking pins and eye bolts are not deformed and that they slot into the holes without force. Check that there is not excessive play in any of the holes.

Immediately withdraw from service any items showing defects or that it has arrested a fall and the product should not be used again until confirmed in writing by a competent person that it is acceptable to do so. The user's life depends on it. All repair work should be carried out by the manufacturer or with their authorisation. No alterations/modifications to the equipment must be made without the authorisation of the manufacturer.

Inspection of pins

Check that the release button is not broken and moves freely and that the locking balls move in and out when the button is presses and released.

Check that the pin is not bent and slots into the hole in the leg without force and that the pin will not pull out of the leg when the button on the pin is not pressed.

Any pin that is faulty the leg must be taken out of service immediately. An example of a correct pin is shown to the right.

Specifications

Materials & Coatings:

- Legs: Aluminium powder coated.
- Head: Stainless steel.
- Bolts & Pins: Stainless steel.
- Straps: Polyester webbing.

Weight

- Quadpod mode only: 15.1kg
- Tri pod mode only: 11.45kg
- Beam mode with 2 carriers: 17.55kg
- Beam mode with 1 carrier: 17.3kg
- Leg Securing Straps: 1Kg
- Storage Bag: 1.35Kg

Meanings of Markings

- The name, trademark or any other means of identification provided by the manufacturer or supplier.
- The batch or serial number
- The year of manufacture
- CE... EC logo followed by the number of the notified body
- EN... European standard attributed to this PPE
- Product description and/or reference
- Evaluation of capacity in Kg

Notified body: SGS United Kingdom Ltd, Weston-Super-Mare, BS22 6WA, UK. Notified Body No: 0120

The multipod in Quadpod, Tripod and Beam mode can be used in other positions as shown below.

The positions show below do not fall under the test requirements of the above standards and careful consideration and calculations of loads must be taken into account by the users before carrying out any tasks.

1. Offset pyramid
2. Half pyramid
3. Overhanging

All above settings 1, 2, & 3 do not fall under the test requirements for EN795 and CEN/TS 16415. Option 2 & 3 positions must be anchored to the anchor u bolts at the top of each leg and the anchors strong enough to conform to the standard 15kN.

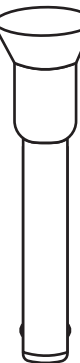
1. The offset pyramid is best for tensioned cable lines using the central connecting eye for your pulley. The reason for this is the force down should be central to the multipod when you dissect the angle. Another pulley can be fitted under the cable pulley or pulleys for the hauling.

2. When using the half pyramid or overhang setting for cliff or edge rescue, you should use the central connecting point. The angle of the load needs to be central and within the foot print of the Mutipod and there should be no need to fasten down to secure the legs.

In these positions you MUST use a back securing rope from a firm anchor to the top back outer anchor u bolts prior to load being put onto the system. When using a guide rope all connectors must conform to EN362. A guide rope should only be connected to the anchor u bolts at the top of each leg and no other part of the Multipod.

SAR Products do recommend training on using the Multipod.

Further instructions for rescue use positions can be found in the add on user guide.



Product Record

This documentation should be issued with and kept for each item or system. Please see the product label for the details required below. Consult this guide for advice on inspection, maintenance, lifespan, etc.

User's Name:			
Date Of Manufacture:		Date Of Purchase:	
Date First Used:		Product Serial No.:	
Inspection Record			
Date	Reason for entry: Periodic examination or repair	Name of Inspector	Next date of Inspection

Declaration Of Conformity

The EU Declaration of conformity is available by scanning the QR code or visiting - www.sar-products.com/eu-doc/



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Specialist Access & Rescue
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General User Instructions

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General

User Instructions

WARNING

Do not use this product without having read carefully and understood these general instructions for use. For complete information the user shall also read and understand the SPECIFIC INSTRUCTIONS for the actual product.

Climbing or Working at height is hazardous. It is the user's responsibility to ensure understanding of the correct and safe use of this equipment, to use it only for the purposes for which it is designed and to practise all proper safety procedures. It is advised that a rescue plan is put into place before using this equipment. The product must not be used outside of its limitations other than those described in the user guide. These are examples and there could be many more. Failure to follow these examples could lead to death or injury.

SAR Products Ltd are not responsible for any consequences, whether indirect or direct or accidental, resulting from the use of its products. If you are unsure and need advice about the correct use please contact us.

Who should use this equipment:

This equipment should only be used by a competent person or a person specifically trained in its use who is under the direct supervision of a competent person. If unsure, seek professional training from a fully qualified and competent instructor prior to engaging in any activity. You are responsible for your own actions. These instructions do not replace the need for professional training.

General

SAR equipment and components for prevention of falls from height meet or exceed recognised European or other International standards. It is the users' responsibility to read and understand these instructions before use. If this product is sold outside of the original country of sale, it is the reseller's responsibility to supply this document in the language of re-sale. It is mandatory that a Risk Assessment be carried out prior to any use and a rescue plan be in place for any work at height. Always ensure that all components within a safety system are compatible and comply to the relevant standards and allow the system to function safely. It is recommended that the viability of any installation should be verified by a suitably qualified/competent person. If there is any doubt about the compatibility of the products you have chosen please consult the manufacturer. Do not exceed loads either specified by the manufacturer or loads derived from the specified MBS/WLL using a recognised factor of safety.

Use Requirements

It is the user's responsibility to ensure understanding of the correct safe use of this equipment, to use it only for the purposes for which it is designed, and to practise all proper safety procedures. Extreme care should be taken when using this product near harmful chemicals, moving machinery, electrical hazards or near sharp edges and abrasive surfaces. Wet and icy conditions may cause rope or webbing to become slippery. The manufacturer or distributor will not be held responsible for the eventual damages, injuries or death resulting from an improper use of this product.

Maintenance/Cleaning

Always keep the product clean and dry. Any excess moisture should be removed with a clean cloth and then allowed to dry naturally in a warm room away from direct heat.

Webbing

Rinse in clean cold water. If still soiled wash in clean warm water (max.40°C) with pure soap or a mild detergent (within pH range of 5.5 to 8.5) You can use a washing machine but first place the product in a suitable bag to protect against mechanical damage. Dry in a well aired area. NOT IN DIRECT SUNLIGHT OR WITH HEATERS.

Metal parts

The product may be cleaned regularly (or after every use in a marine environment) with a mild detergent. Afterwards the product should be allowed to dry naturally. Moving parts may be oiled regularly with a light oil. Make sure that lubricants do not come into contact with parts that rely on friction with rope and/or with textile components.

Inspection

Before each use visually inspect to ensure the product is in a serviceable condition and operates correctly. An examination should be carried out at least every 6 months by a competent person or organisation authorised by the manufacturer. These inspections should be recorded paying particular attention to areas of potentially high wear such as attachment points, buckles, connectors and sewn joints. Inspect as follows:

Textiles: Check for cuts, tears, and abrasions, damage due to deterioration, contact with heat, alkalis or other corrosives.

Sewing: Check for broken, cut or worn threads.

Metal: Check for cracks, distortion, corrosion, wear by abrasion, burrs, worn or loose rivets or screws, discolouration caused by extreme heat (greater than 100°C) broken springs, frays or cuts, seizure of moving parts, broken or missing components.

Immediately withdraw from service any items showing defects or that it has arrested a fall and the product should not be used again until confirmed in writing by a competent person that it is acceptable to do so. The user's life depends on it. All repair work should be carried out by the manufacturer or with their authorisation. No alterations/modifications to the equipment must be made without the authorisation of the manufacturer.

Lifespan - Webbing

This is difficult to estimate but we advise as follows: Do not use more than ten years after the date of manufacture. Assuming you have used the correct storage. The working life can vary between a single use in extreme circumstances (e.g. highly chemical environment, serious fall) to the maximum of ten years from date of manufacture, depending on how the product is used. The working life will be reduced through age, general wear and tear, abrasion, cuts, damage to component parts, inappropriate ancillary equipment, high impact load, prolonged exposure to UV light including sunlight, elevated temperature (50°C max) exposure to some chemicals (e.g. alkalis, etc.) or failure to store and maintain as recommended. This list is not exhaustive.

Warning: The working life of this product may be as short as its first time use in extreme conditions.

Lifespan - Metal

It is difficult to estimate this but as a guide we advise as follows: Maximum life indefinite. However working life will be reduced through age, general wear & tear, damage to component parts, inappropriate ancillary equipment, high impact load, prolonged exposure to corrosive atmosphere or chemical agents or failure to store and maintain as recommended. This statement does not remove the need for users to check their items before and after every use, and retire the device if it is not in a satisfactory condition, or taken out of service by a competent person. This list is not exhaustive. Warning: the working life of this product may be as short as its first time use in extreme conditions.

Storage & Transportation

After cleaning, store unpacked in a cool, dry, dark place away from excessive heat sources or other possible causes of damage. Do not store wet. If a long shelf life is required it is advisable to store in a moisture proof package (e.g. polythene bag) or the bag it is supplied in. The product should be kept safe and free from damage during transportation to allow adequate protection of the product.

Meanings of Markings



The name, trademark or any other means of identification provided by the manufacturer or supplier.

XXXXXX

The batch or serial number

XX/XX

The month & year of manufacture

CEXXX

CE... EC logo followed by the number of the notified body

ENXXX:XXX

EN... European standard attributed to this PPE



Pictogram informing the user to read the instructions