EU Declaration of Conformity No. SAR/D003

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 herby declare that:

Equipment:	Rocker Back-up Device
Models:	RA003

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

Ref No.

EN353-2:2002
EN358:1999
EN12841-A:2006

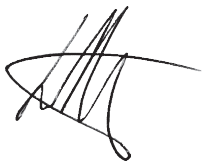
Notified body: SGS FIMKO OY, Takomotie 8, FI-00380 Helsinki, Finland.
Notified Body No: CE 0598

Performed the EU type examination and issued the EC type examination certificate number:

GB11/82928

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: 17/10/18

Important:
In order to ensure optimum safety and performance, please study and understand these instructions before using the product.

The SAR Rocker rope lock was designed specifically for Technical Rope Access and Technical Rescue personnel, who require a multi use back-up piece of equipment. Also Fixed Rope Sports and Industrial Climbers.

Functions:
The Rocker can be used in the following ways, but we recommend that users be trained in its many uses.

1. Flexible Rope Safety Brake
2. Fixed Rope Safety Brake
3. Position locked onto rope
4. Belay Brake
5. Tensioned Line Brake
6. Hauling System Brake
7. Work Positioning

Testing:
The SAR ROCKER was tested to EN12841-A 2006, EN353-2 2002 and EN358 1999 using EN1891-A Kernmatle rope, 11mm x 32 plait low stretch rope and Cousin 10.5mm, 11mm x 16 plait and 12.5mm x 20 plait low stretch ropes. Users must be aware that rope conditioning such as wet, snow, ice dirt, etc., and different diameters and manufacturers will all produce differing results to any testing or use undertaken. Rope with soft or loose feel can be vulnerable to sheath slippage or tearing.

Transportation:
Care should be taken to protect the equipment against risks such as those detailed under Lifespan. A simple, effective way is to transport the equipment in a suitable bag or other container.

Immediately prior to use:
Check your Rocker for any damage or malfunction. Do this prior to and immediately after all use. If there is any doubt about the safe condition of the Rocker it should be withdrawn from use and inspected by a competent person or returned to the manufacturer. A record of inspections should be completed at regular intervals dependent on usage.
It is recommended that a minimum yearly examination be carried out by a competent person.

Cleaning:
Keep the product clean and dry. Remove any excess moisture with a clean cloth then allow to dry naturally in a warm room away from direct heat. First rinse in clean cold water. Clean off tar based products with appropriate petroleum solvents following the instructions for use for such products. Afterwards wash, rinse and dry as described above.

Chemicals:
Avoid all contact with any chemicals which could affect the performance of the product, e.g. these include all acids and strong caustic substances (e.g. vehicle battery acid, bleach, etc.). If used in a marine environment always rinse the product in clean cold water after each use and thoroughly dry.

Lubrication:
After cleaning and drying and before storing, metal components, particularly those with moving parts should be lubricated sparingly using a light oil, or they may be lightly greased making sure that lubrication does not come into contact with any parts that rely on friction with rope.

Storage:
After any necessary cleaning dry completely, store packed in a dry place in a chemically neutral environment away from excessively high humidity, corrosives or other possible causes of damage. Do not store wet.

Lifespan:
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 there 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.

Specifications:
Average Static Load before slippage: 3.5kN
Maximum Dynamic Impact with 100kg mass: 5.9kN
Static Strength required for test is : 15kN
Weight of product: 169g

Product Record:
This documentation should be issued with and kept for each item or system.

Please see the product label for the details required.

Consult this guide for advice on inspection, maintenance, lifespan, etc.

Explanation of marking:
CE marking: meeting the PPE EU Regulations 2016/425.
Includes four digit number of notified body monitoring our quality system.
Conforms to and meets the requirements of EN12841-A:2006 -Technical rope systems safety adjustment devices, EN353-2:2002 - Personal protective equipment for prevention of falls from a height anchor devices - Guided type fall arrestors and EN358:1999 - Personal protective equipment for work positioning and prevention of falls from a height – Belts for work positioning and restraint and work positioning lanyards.

ID No: Year and Serial number.

Notified body:
SGS FIMKO OY, Takomotie 8, FI-00380 Helsinki, Finland.
Notified Body No: 0598

Inspection Record						
Date	Reason for entry: Periodic examination or repair	Name of Inspector	Next date of Inspection			

User Guide
Rocker

Specialist Access & Rescue Products Ltd.

CE 0598

User's Name:
Date Of Manufacture:
Date First Used:
Date Of Purchase:
Product Serial No.:

Certificate Of Conformity

We certify that the SAR Rocker conforms to: EN12841-A:2006, EN353-2:2002 EN358:1999,

Signature .....

For SAR Products Ltd.

Fitting instructions:

1. Connect rocker to karabiner then to harness or belay/anchor attachment point.

2. Position the rocker with swivel cheek (plate) towards you and main karabiner connection hole to your right hand side. Fig.1.

3. Open plate to allow loading of rope. Fig.2 & fig.3.

4. Load rope as diagram. Fig.4.

5. Close plates and connect to karabiner. Fig.5.

6. Check the rocker is loaded onto the rope in the correct direction for locking (trial lock). Fig.6.

7. Lock rocker in position onto rope using parking cam. Fig.7.

8. In rope access and/or rescue, to offload or release a locked rocker activate the parking cam, place karabiner in single hole the cam was covering. Check your working system is locked off and pull in direction of slack rope.

9. Recommended sling length 10cm to 20cm. The SAR rocker/sling assembly covers this length Fig.8

Fig. 1

Fig. 2

Fig. 3

Fig. 4

Fig. 5

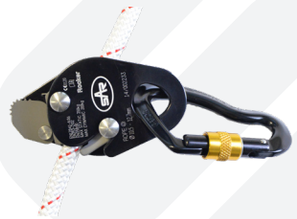


Fig. 6

Fig. 7

Fig. 8

System setup using a 10cm Twin Eye Sling

Note:
All friction brakes create heat which can damage rope if a fall has taken place, not only check the rocker but also the rope at the point of contact. It is important for users to understand that in actual use it may react differently to the specified test methods and therefore for additional safety it is recommended that the connecting lanyard length is kept to a minimum and the parking cam is used when the rope is stiff, icy or under tension.

Any strengths quoted are when the product is tested new and are in accordance with the appropriate standards. Termination's and anchor points should conform to the requirements within the standards, termination's 22kn and anchors 15kn

Rescue back-up test:
The SAR Rocker has been tested for rescue using a 200kg mass, a one metre sling in a fall factor two scenario. Maximum impact recorded, 5.7kn, slip distance on rope 1.10m rope glazed. No damage to rope or rocker. Recommended for use as a rescue back-up for two people. SAR recommend a short twin eye sling be used (max 20cm + std length karabiners). Always try to keep the system above and over your arm when using it as a back-up.

Specialist Access & Rescue Products Ltd.

Sarena House,
Vulcan Street,
Oldham,
OL1 4LQ

T: +44 (0)161 621 0309
W: www.sar-products.com
E: sales@sar-products.com

Declaration Of Conformity

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