

INSTRUCTION MANUAL

Tecfit

MODEL: CC 402

FULL BODY FALL ARREST HARNESS

ADVERTÊNCIA

All users must read and understand this manual before use. This product must only be used by persons who are trained and competent in its use as part of a double rope access system. Users accept all risks and responsibilities for all damage, injury or death during all rope access activities involving the use of this product. If users are not able to accept full responsibility or all risks involved they should not use this product. All users must be competent in emergency procedures and rescue methods associated with the use of this device. **DO NOT** allow anything to affect the proper function of the Rope Access Harness. Do not use this product for any other purpose.

CA 41254

NBR 15836:2010

CE 0120

EN 361:2002

VERSION 31/05/2019 DR



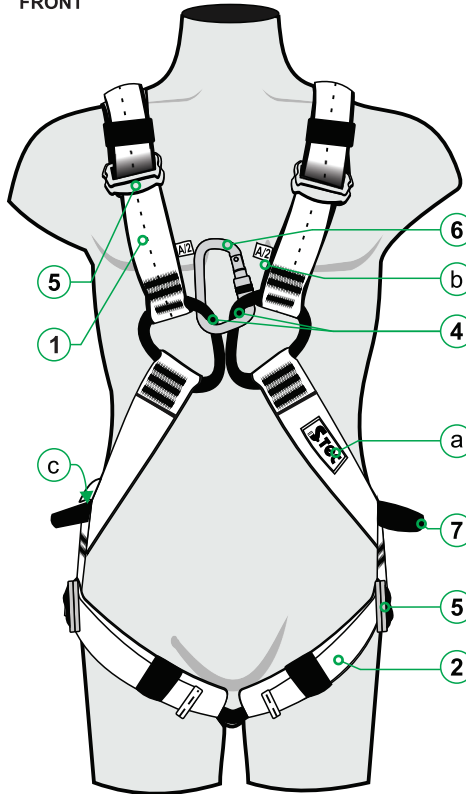
Made In Brazil

www.safetecbr.com.br

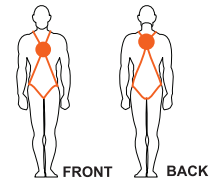
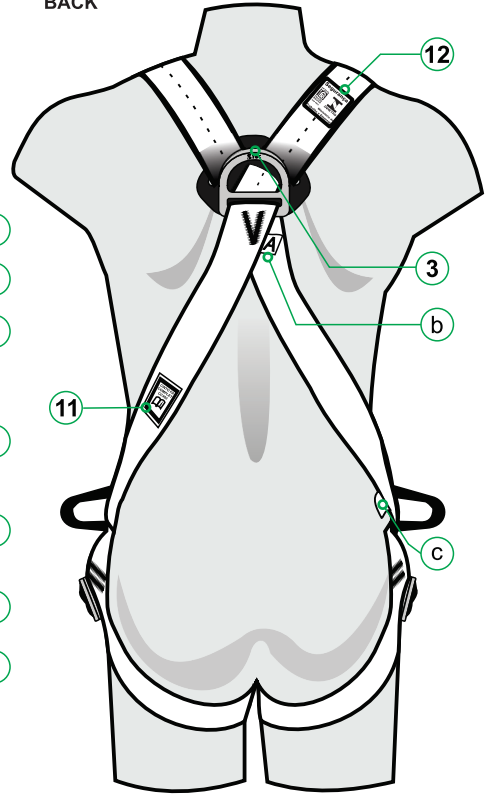
1 NOMENCLATURE OF PARTS

MODEL: CC 402

FRONT



BACK



- 1- Shoulder straps
- 2- Leg straps
- 3- Dorsal attachment point.
- 4- A/2 sternal attachment point.
- 5- Double-back adjustment buckles.
- 6- Connector
- 7- Equipment loop

- a- Manufacturer's name.
- b- Coupling identification label for fall protection, with capital letter "A" for single point of engagement and letter "A / 2" for the two simultaneous anchor points.
- c - Individual number and lot number (internal side of the leg straps).

ADDITIONAL INFORMATION

CARACTERÍSTICAS

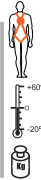
MATERIALS

Straps: Polyester.
Paddings: Polyester and EVA

Metals: Stainless Steel

NORMAS / CERTIFICAÇÕES

CA: 41254
NBR15836:2010



SWL – 1 person
MÁXIMO 120 Kg.
Work Temperature:
-20°C +60°C

Weight: 770 g / 850g

WARNING!

Equipment loop - maximum load: 5 kg
Never use equipment loops for any kind of anchoring, descending or tying-in.

TAMANHOS			
Tamanho 01			
A	B	C	
110 -140 cm	40-80 cm	140-190 cm	
Tamanho 02			
A	B	C	
90 -160 cm	50-110 cm	150-210 cm	

HOW TO CONNECT THE BELT

The Belt was developed to be used for restriction and retention of falls in works carried out in height with single or horizontal travaquedas, and horizontal and vertical movement with double lanyards. It has two connection points:

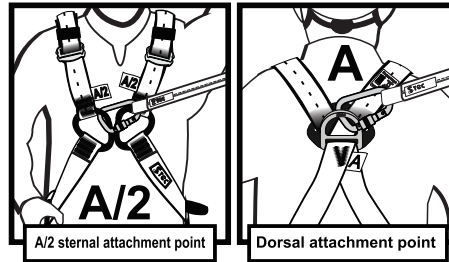
1 DORSAL

Used for connection of restraint / falls lanyard and latch hangs.

1 PEITORAL

Composed of two rings on tapes considered "1/2 point" each to be used ALWAYS Together totaling "1 point", for works in vertical and horizontal movement with double lanyards and connection of back-up devices.

ATTACHMENT POINTS



ATTENTION

ALWAYS use lanyards with energy absorbers at the dorsal and frontal anchor points, because in case of fall, the possible impacts on the worker's body will be reduced;

Use quick-links (semi-circular) connector to close the A/2 rope rings for better distribution of forces, facilitating the handling of the lanyards and preventing their disconnection from the harness.

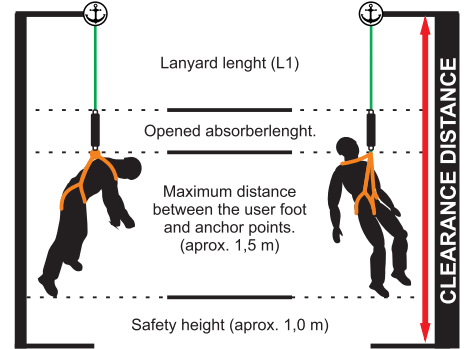
The equipment is designed for use by a person and this person must be properly trained or in the event of training the person is under the direct supervision of a qualified instructor.

ATTENTION!

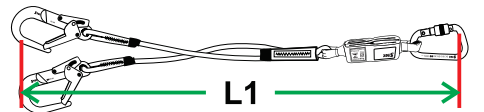
The individual belt is not a fall arrest device, it is necessary to complement the fall protection system with level difference with the appropriate components with the standards NBR 15834 - NBR 15837 - NBR 14626. The belt should be discarded after a fall is retained.

CLEARANCE DISTANCE

The amount of free space below the user must be sufficient that it does not collide in any obstacles in the event of a fall. The calculation of clearance distance is found in the instructions of use of other components like lanyards, energy absorbers, back-up devices, etc



DORSAL ATTACHMENT POINT STERNAL ATTACHMENT POINT



The L1 measurement should comprise the inner end of one connector to the other of the lanyard (with the absorber closed) as shown above.

ATTENTION!

It is imperative that you have a previously planned rescue plan that can be carried out safely and efficiently.



MARKINGS

Tecfit Harness are tagged with information on: Manufacturer, size, model, certifications, serial number and



INMETRO

A
PONTO DE ANCORAGEM CONTRA QUEDA



MODELO

LEIA O MANUAL

NORMAS

A/2
"ETIQUETA "MEIO PONTO" DE ANCORAGEM. AMBOS OS PONTOS DEVEM SER USADOS SEMPRE JUNTOS.

16/02 - A
0304

Nº Série Lote
Ano / Mês

COMPATIBILITY

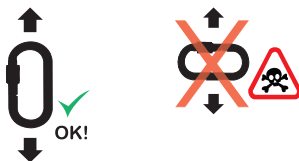
Check the compatibility of the harness with the other PPE components of the fall arrest or work positioning system.

The user is responsible for ensuring the combination of all components in the rope access system do not adversely affect the performance of any item with due regard to all user instruction. When use quick link to connect A/2 sternal attachment point keep closed the screw and lock with a tool. The instructions for use the connector with the harness must be follow. Contact S.Tec if there is any doubt.

Connectors: EN 362-B; EN 12275; NBR 15836; NBR 15837-B.

Back-up device: EN 12841 type A; NBR 14626. Lanyard: EN 354; NBR 15834

KEEP CLOSED THE SCREW LOCK CARABINER DURING USE.



INSPECTION

The Tecfit harness must be inspected before each use and carried out by and recorded by an authorized competent person at suitable periods, these should be at no more than six months interval. Record the use on our inspection form at www.safetecbr.com.br.

Check the webbing, check the attachment points (FIG 00), check the adjustment buckles (FIG 00) and the fall arrest indicator (FIG 00). Look for cuts, wear and damage due to use, to heat, and to contact with chemical products. Check that the buckles operate correctly (FIG 00). Check if the identification label is readable. Attention to the A/2 rope attachment points. Check if the connectors operate correctly. Each equipment loop support a maximum load of 5 Kg (verify item 7 of nomenclature).

During use verify if all items of the system are operating and positioned correctly to each other.

Following any emergency incident, the harness must be removed from service for examination. If there is any doubt about the condition of the harnesses, contact S.Tec.

Take care not to exceed the maximum load capacity of 5 kg of the RACK.

PRINCIPLE OF OPERATION

The TECFIT full body harness is designed for comfort in any situation in work at height. In case of a fall the load is distributed over the system. Safe-Tec acknowledge that the

Tecfit harness has successfully tested for use by works up to 140 Kg. Check the condition of the seams during the life of the equipment. This product should only be used by properly trained personnel. The improper use can cause damages and serious accidents, including death, the users assume all the risk and responsibility, for any damage or injury that involves the use of this product. Do not use this equipment for any other purpose that has not been designed. NOTE: The certification test mass used is 100 kg.

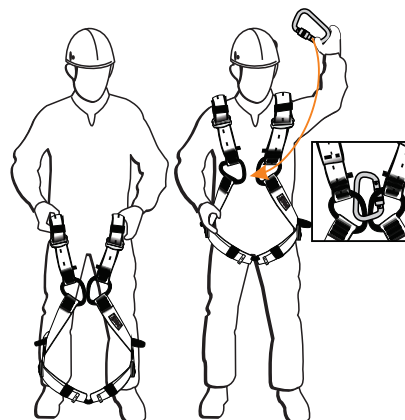
Attention, after retaining a severe fall occurs seam rupture or non-noticeable damage.

ATENÇÃO!

This belt should be discarded in the event of a fall. Use this belt only with lanyards and travaquedas tested and approved by the norms NBR and ABNT for equipment for work in height. Check the manual of the items when they have to relate. The incompatibility between equipment can be dangerous or lead to death.

INSTRUCTIONS FOR USE

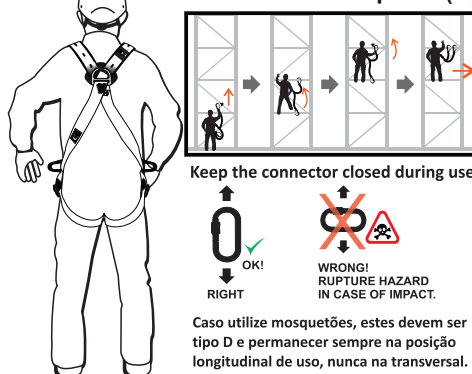
Sternal attachment point (A/2)



Sternal attachment point (A/2)

Wear the belt with the leggings by positioning the A / 2 straps and buckles in front of the body. Pass the feet first and then the straps over each shoulder. Adjust the chest with the shoulder buckles so that the legs are well positioned, adjusted and secure. The belt should not be loose. With the girdle gown, close the connector, if using quick mesh use a wrench for the complete closure of the connector.

Dorsal attachment point (A)



Keep the connector closed during use.



Caso utilize mosquetões, estes devem ser tipo D e permanecer sempre na posição longitudinal de uso, nunca na transversal.

Operational Check: With belt already worn test in a safe place at ground level. Hang to see if you are comfortable for work. Do the same test at the anchor point, the belt should maintain its safe position in addition to facilitating the connection in a rescue maneuver. Check. If you still need to adjust any part of the belt, do so before starting work.

GENERAL INFORMATION

Read and understand this manual prior to use and save for future reference. Only the techniques presented in this manual are authorized. Some examples of miss-use are included, these have a stripe or pictogram of a skull and should be avoided, these are some examples of miss-use, it is impossible to foresee all ways equipment can be miss-used and users should never use equipment in ways that are not 100% verified prior to being used to provide personal safety, in case of doubt contact S.Tec. When any doubt exists regarding its efficiency equipment must not be used.

Sea Water: it is essential that this product is cleaned as soon as practicable after each exposure to sea water or saline environment.

Chemical reagent: avoid contact with any substance or material that may causes corrosion or other damage to the any material or working action of the device. If contact occurs consult expert advice as to damage and decontamination requirements. Inspect prior to any re-use.

Disinfection: following any contamination the source of the contamination should be determined and advice obtained as to suitable disinfecting procedure. After disinfection the device should be re-cleaned. Sterilization may be required.

Cleaning: If soiled rinse in clean warm water of domestic supply quality (maximum temperature 40°C) with mild detergent at appropriate dilution (pH range 5.5 - 8.5). Dry naturally away from direct heat sources. To remove grease use a detergent that has properties that do not affect the textile or metal components.

Lifespan: it is very difficult to define the safe lifespan due to varying use and storage conditions and may be as little as one use, or even earlier if damaged (e.g. in transit or storage) prior to first use. For the product to remain in service it must pass a visual and tactile examination. Maximum lifespan: 5 years from 1st use or 10 years without use.

Warranty: The Rope Access Complet full body harness has a 1 year warranty against manufacturing defects, proof of purchase required. The warranty does not cover use wear, miss-use, abuse, neglect or any alterations, maintenance or repairs performed outside the factory.

Obsolescence: this product may become obsolete before the end of its lifespan. Reasons for this may include changes in applicable standards, regulations, legislation, development of new techniques, incompatibility with other equipment etc.

Do not store wet.



CE 0120
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ISO 9001

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