

SpanSet®

RESCUE SOLUTIONS

Height Safety
Lifting
Load Control
Safety Management



Gotcha™
RESCUE RANGE

Work at height can be a hazardous activity. It is essential therefore that we address all the hazards present and reduce the associated risks wherever possible. Correct selection of equipment and training are an essential part of this process. However whilst some hazards are easy to identify, other less obvious hazards can have equally devastating effects.

Where a fall protection solution allows the user to fall into a full body harness this is not necessarily the end of the issue. When contemplating working at height, and in particular when considering the use of a fall arrest system, employers need to consider any emergency or rescue procedures that may be required and the drawing up of an emergency and rescue plan.

IT IS NOT ACCEPTABLE JUST TO RELY ON THE EMERGENCY SERVICES.

Emergency procedures need to be considered for reasonably foreseeable circumstances. The measures need to be covered in the risk assessment and planned prior to the work activity being carried out. The key is to get the person down safely in the shortest possible time and before the emergency service response. If employers cannot do this, then harness work is not the correct system of work. Following completion of an evidence based review of published medical literature, HSE has clarified guidance on the first aid management of a person falling into suspension in a harness who may develop suspension syncope (previously known as suspension trauma)

The key recommendations are:-

- No change should be made to the standard first aid guidance for the post recovery of a semi-conscious or unconscious person in a horizontal position, even if the subject of prior harness suspension.
- No change should be made to the standard UK first aid guidance of ABC management, even if the subject of prior harness suspension.
- A casualty who is experiencing pre-syncope symptoms or who is unconscious whilst suspended in a harness should be rescued as soon as is safely possible.
- If the rescuer is unable to immediately release a conscious casualty from a suspended position, elevation of the legs by the casualty or rescuer where safely possible may prolong tolerance of suspension.
- First responders to persons in harness suspension should be able to recognise the symptoms of pre-syncope. These include light headedness; nausea; sensations of flushing; tingling or numbness of the arms or legs; anxiety; visual disturbance; or a feeling they are about to faint. (Motionless head up suspension can lead to pre-syncope in most normal subjects within 1 hour and in a fifth within 10 minutes.)

Industry Sectors that require Rescue & Evacuation



Emergency Services



Telecoms



Offshore Oil & Gas



Construction

PROOF TESTING AND TRACEABILITY

It is essential that all safety products are fit for purpose, but unlike many other safety products when a rescue kit is required you need it to work first time. You cannot “suspend” the operation and come back another day, the casualty requires assistance and the kit must perform.

This is why all Gotcha Rescue kits have been independently tested to prove their capabilities. They are then individually proof tested prior to despatch. This ensures that the product is fit for purpose when supplied.

Add to that the individual serial numbering that is on all SpanSet products and the control and inspection is also simplified.

RESCUE - is where the casualty is:

- In imminent danger if their situation is not resolved.
- Unable to escape a situation unaided.

EVACUATION - is where the casualty is:

- Is not in imminent danger.
- Cannot remain in their situation indefinitely.
- Can escape the situation without assistance.



GOTCHA™ RESCUE SOLUTIONS

Order Code: GOTCHA KIT

Patent Number:
GB2376009



The choice of a tradesman who uses a harness and a lanyard.

Gotcha Rescue Kit

The original kit in the range, designed for tradesmen who work at height.

The Gotcha rescue kit is a unique solution to a problem faced by all workers at height who use PPE for protection against falls. Whereas most rescue provision has focused on the more extreme activities carried out at height, the Gotcha kit is designed for tradesmen who use common items of fall protection. In the event of a fall their situation if suspended in a harness is just as serious as any other worker and a swift recovery is essential.

The kit will work effectively with conscious or unconscious casualties, the rescuer can carry out the rescue from a point of safety, the rescue can be carried out by a single person, no cutting is required and you can raise or lower the casualty in a controlled manner to the nearest point of safety.



High Level
Crane



Fall Arrest



Scaffolding



Offshore
Oil & Gas

- Suitable for Rescue from Fall Arrest Lanyards and Fall Arrest Blocks
- This is a no-cut kit. The casualty is raised to release their original attachment
- Rescue direction. You can raise or lower the casualty with this kit
- Pre-assembled. No assembly is required by the user
- Remote attachment. The casualty can be attached from a point of safety
- Single person use. The Gotcha is for raising or lowering a single person
- Maximum Working Length. The Gotcha kit is available in four lengths. The following is a guide to assist when selecting a Gotcha kit.
- Colour coding. The kit is colour coded for simplicity
- Independently tested to EN: 1496.

To rescue from Fall Arrest Blocks you need to order a Gotcha Kit from the table below and a GRABBA refer to page 4.

Kit Size	Order Codes	Capacity in High Anchor Mode (m)	Capacity in Low Anchor Mode (m)	Weight of Kit (kg)
Gotcha 50	GOTCHA KIT	up to 17	up to 13	7
Gotcha 100	GOTCHA KIT 100M	up to 34	up to 26	11
Gotcha 150	GOTCHA KIT 150M	up to 51	up to 39	15
Gotcha 200	GOTCHA KIT 200M	up to 68	up to 52	19

GOTCHA™ RESCUE SOLUTIONS



GRABBA

The GRABBA is an optional add-on to the GOTCHA KIT.

Order Code: GRABBA

It enables the rescue of persons suspended from retractable fall arrest devices, and flexibleline fall arresters, using rope or wire.

These devices conform to EN360 and EN353-2 respectively.



Enviro Sealed Kit

Environmental Sealing of kits ensures that the equipment remains in the same condition that it was when packed in the factory.

Enviroment Kits

The benefits of this are;

- kits cannot be tamper with while sealed in the bag
- the sealed environment prevents contamination
- scheduled inspections only need to confirm that the seal is still intact
- no pre-use check required as the kit is packed "ready to use".



Gotcha ADD

Suitable for:



Powered Access



Tower Crane

Evacuation kits may be needed to escape from elevated platforms, vehicle cabs, or machinery if the worker cannot use the normal way of access & egress.

Suitable for evacuation from:

- Straddle Carriers, Dock Cranes, Elevated work platforms, etc Evacuation direction:
- The GOTCHA ADD lowers the evacuee at a constant rate and is ideal for a unobstructed decent to a point of safety Pre-assembled
- No assembly is required by the user Multiple Evacuees
- The kit is designed to be used for multiple descents in an emergency One person use
- The GOTCHA ADD is rated for loads up to 225kg Maximum Working Length
- The GOTCHA ADD kit is available in lengths up to 200 metres CE EN: 341 Class A

Order Code: GOTCHA ADD





Gotcha ADD Plus

Suitable for:



Powered Access

Evacuation kits may be needed to escape from elevated platforms, vehicle cabs, or machinery if the worker cannot use the normal way of access & egress.

Suitable for evacuation from:

- High structures where constant rate lowering and minimal user input are required.

Evacuation direction:

- The GOTCHA ADD PLUS is ideal for a descent where the worker may have to negotiate obstructions to reach a point of safety Pre-assembled
- No assembly is required by the user Multiple Evacuees
- The kit is designed to be used for multiple descents in an emergency One person use
- The GOTCHA ADD is rated for loads up to 225kg Maximum Working Length
- The GOTCHA ADD kit is available in lengths up to 200 metres CE EN: 341 Class A



Order Code: GOTCHA ADD PLUS

Gotcha Evac II

Suitable for:



Powered Access

Evacuation kits may be needed to escape from elevated platforms, vehicle cabs, or machinery if the worker cannot use the normal way of access & egress.

Suitable for evacuation from:

- Very Narrow Isle Trucks, Elevated work platforms, etc Evacuation direction
- The GOTCHA EVAC II is a descent evacuation kit and requires the evacuee to descend to a point of safety Pre-assembled
- No assembly is required by the user Lone Evacuation
- The kit is designed for a worker to be able to evacuate themselves in an emergency One person use
- The GOTCHA EVAC II is rated for loads up to one person use (100kg) Maximum Working Length
- The GOTCHA EVAC kit is a 20 metre descent rescue kit CE EN12841



Order Code: GOTCHA EVAC II

GOTCHA™ RESCUE SOLUTIONS



GOTCHA CRD Reach GOTCHA CRD Standard

Suitable for:



Telecoms



Wind Energy



Tower Crane



Powered Access

- Suitable for evacuation from High Structures where constant rate lowering and minimal user input are required.
- Gotcha CRD Reach includes a remote attachment Pole and Frog Connector
- Gotcha CRD Standard does not include the Pole and Frog Connector.

- This is a no cut kit. The casualty is raised to release their original attachment.
- Rescue direction. You can lower the casualty to safety and additionally it is possible to raise a casualty for limited distances.
- Evacuation direction. The user can descend to safety at a constant rate controlled by the device.
- Pre assembled. No assembly is required by the user
- Assisted rescue. The rescuer accesses the casualty in order to recover them.
- Lone evacuation. A single person can descend to safety.
- Multiple Evacuation. Once the first user has safely descended the system can be used by additional users in quick succession.
- Two person use. The Gotcha CRD is rated for loads up to 225kg
- Maximum working lengths. The Gotcha CRD is available in lengths of up to 100 metres for loads up to 225kg. For loads up to 150kg it is available in lengths of up to 400 metres.
- CE EN: 341 Class A.



Order Codes
CRD REACH 100M
GOTCHA CRD 100M

GOTCHA SHARK Kit

Suitable for:



Telecoms



Utilities

- Suitable for Rescue from Fall Arrest Lanyards, Vertical Fall Arrest Systems and Webbing Fall Arrest Blocks
- Bladeless cutting. The casualty is released by cutting their primary attachment with a unique bladeless cutter for safety and accuracy
- Rescue direction. The SHARK is a descent rescue kit and rescue entails the rescuer descending to the casualty collecting them and descending to safety
- Pre-assembled. No assembly is required by the user
- Assisted Rescue. The rescuer accesses the casualty in order to recover them.
- Two person use. The Gotcha SHARK is rated for loads up to 300KG in normal use.
- Maximum Working Length. Gotcha SHARK kits are available in the following lengths which define their working length. 30 Metre, 50 Metre, 66 Metre and 100 metre lengths
- CE EN: 341 Class D.



Order Code: SHARK 66M



GOTCHA™ RESCUE SOLUTIONS

ID Comms Kit

Suitable for:



Telecoms

- A rescue kit that is ideal for those who consider work at height a key part of their skill such as those who work on towers and masts.
- Suitable for Rescue from - Fall Arrest Lanyards, Vertical Fall Arrest Systems and Webbing Fall Arrest blocks
- Cut Rescue - The casualty is released by cutting their primary attachment with a safety knife
- Rescue direction - The ID Comms Kit is a descent rescue kit and rescue entails the rescuer descending to the casualty collecting them and descending to safety
- Pre-assembled - No assembly is required by the user
- Assisted Rescue - The rescuer accesses the casualty in order to recover them.
- Two person use - The ID Comms Kit is rated for loads up to 250KG in normal use.
- Maximum Working Length – ID Comms kits are available in 75m or 120m lengths
- CE EN: 341 Class A.



Order Codes
ID COMMS TR-KIT 75M
ID COMMS TR-KIT 120M

Bespoke Line Rescue Kits

Suitable for:



Industrial Rope Access



Emergency Services

- Experienced line rescue teams can specify their own bespoke kits
- Made from a range of high quality components
- Kit will be supplied in a waterproof roll top kit bag
- Kit bag features carry handles, shoulder straps and tamper tagging facility
- For further information please contact our Technical Sales Team



GOTCHA™ RESCUE SOLUTIONS



Suspension Loop



The use of a “suspension loop” is an addition to any rescue system that can help to alleviate the effects of post fall suspension. However this must not be seen as a solution to the problem and is also of little use to unconscious casualties. It can therefore be classed as an intermediate measure and rescue must follow. This is not an item of PPE. MBXS 160kg



Order Code: GOTCHA SL

Carry Bags

They are:

1. Clearly identifiable as emergency rescue equipment
2. Weatherproof and protective to keep the rescue kit in good condition for when you really need it.
3. Shaped for ease of carry to help you get it to the work place
4. Includes carry handles and straps for comfort and security
5. Strong with reinforcements to cope with life in demanding environments
6. Can be fitted with “tamper tags” for peace of mind





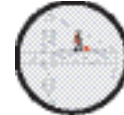
GOTCHA™ RESCUE SOLUTIONS

Order Code: CASUALTY HARNESS

- Stainless steel fittings
- Supplied with clear instructions and individually serial numbered certification
- Pocket Inspection Guide
- Approved to EN1497 and EN813

GOTCHA Casualty Harness

Suitable for:



Tower Crane



Emergency Services

- Simple to fit harness for rescuing casualties
- Fitting simplified by colour coded straps and instruction labels
- Grab handle on rear to assist whilst manoeuvring casualty
- Adjustable to fit a wide range of sizes
- Folds neatly for transporting



GOTCHA Basket Stretcher

Suitable for:



Tower Crane



Emergency Services

- Ideal for moving a casualty safely in almost any rescue situation
- Providing full body protection
- Baskets can be
 - Dragged
 - Lifted across rough or muddy terrain
 - Horizontally or vertical with no affect to the patients well being.

Features

- Spacious interior – large enough to accommodate rescue blankets for extra patient comfort
- Complete with four movable patient restraints, padded inner and footrest for comfort and stability
- Folds in two for storage

Benefits

- Available in full or split versions
- Four-point lifting bridle, hand holes for easy transporting and location points for patient restraints.

Order Code: 5/3321



GOTCHA™ RESCUE SOLUTIONS



SLIX 100 Kit

Kit comprises of:
 SLIX100 Stretcher
 Horizontal & Vertical Lifting Strop
 Carry Bag

- Robust, compact & lightweight stretcher
- Flexible material to a smooth finish
- Allowing easy sliding
- Can be rolled width ways or lengthways for easy transportation
- No webbing passes under the stretcher preventing damage whilst dragging
- Strong handles around the stretcher for maneuverability
- Can haul vertically or horizontally
- Lifting strops secure and allow the stretcher to mould round the casualty.
- Conforms to CE 93/42/EEC CLASS 1
- Max Recommended User Weight: 400KG
- Width: 915mm
- Length: 2300mm

Order Code: SLIX 100 KIT



Slx100 Stretcher

Vertical Hauling Straps



Rolled Stretcher with sewn carry handle

Slx100 Roll Top Bag



Horizontal Hauling Straps

SLIX100 KIT

GOTCHA Stretcher Lifting Bridle

Order Code: FS_STRETCHER LIFTING

Suitable for:



Tower Crane



Emergency Services

- Four Leg sling assembly
- For lifting stretchers in line rescue operations
- Each leg adjustable in length ensuring the casualty is supported at the correct angle
- Individually serial numbered for traceability
- Supplied with clear user instructions



Recovery Block

Order Code: SVLRB-15

- Retractable Type Fall Arrest Block
- Designed to give workers freedom of movement and reduces the clearance height requirement in environments where they can be attached to overhead anchor points.
- 15m Steel Rope Fall Arrest Block
- Alloy Double Action Hook for easy attachment to harness
- Steel Karabiner for attachment to an anchorage sling, or bolt
- 15m maximum working length
- 150kg Maximum Load
- Weight 8.9kg
- Lightweight web design
- Load indicator allowing quick check for evidence of shock loading
- Supplied with clear instructions and individually serial numbered certification
- Pocket Inspection Guide
- CE approved to EN360



GOTCHA™ RESCUE SOLUTIONS

SpanSet Training the link between the Users and Products.

Rescue and Evacuation Training

SpanSet rescue and evacuation courses are designed to provide our clients with all the necessary information, instruction and training to operate both safely and efficiently when faced with what could be a stressful situation.

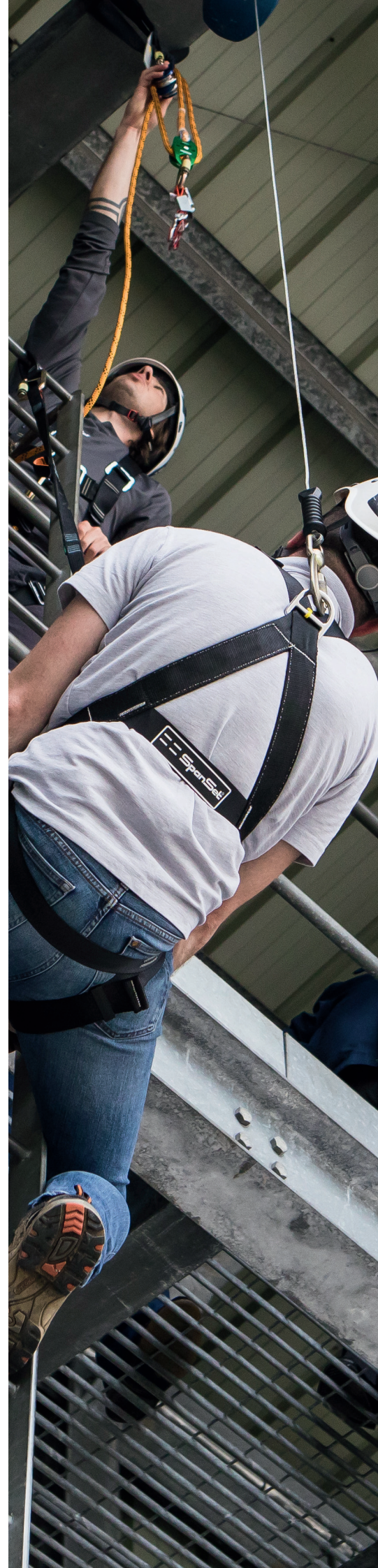
Our extensive training facilities allow us to simulate many real life rescue and evacuation situations.

Training is essential before you use these kits.

Choose the right course for you.

Title	Description	Order Code
Gotcha Kit Rescue Training	The choice of the Tradesperson. This kit is capable of recovering casualties who are suspended from fall arrest lanyards, wire rope fall arrest blocks or flexible line fall arresters.	HS5A
Gotcha SHARK Rescue Training	The choice of the height Safety worker for assisted rescues. A self-contained kit designed for rescue and recovery of a fallen or injured person from high structures such as pylons, towers and masts.	HS5B
Gotcha CRD Kit Rescue Training	The choice of the height Safety worker on high structures. A constant rate descent device suitable for rescue and evacuation from MEWPS and high level cranes.	HS5C
Evacuation from Height	The choice of the Tradesperson or height safety worker needing to escape from an awkward location whilst working at height. A self-contained kit, designed for the evacuation of structures such as MEWPS, VNA machines and low level cranes.	MOD12
Line Rescue Operative	The choice of the professional. A pre-assembled, self-contained rescue system that has the versatility to allow the user to rescue or evacuate a casualty from a number of complex work locations whilst operating at height.	LROP

To book a course contact the training department on +44 (0) 1606 738529 or book online 24/7 at www.cbs-spanset.co.uk





Training Courses

Height Safety for Industry

Title	Order Code
Height Safety Equipment Appreciation and Inspection	HS1
Practical Use of Personal Fall Protection Equipment	HS2
Occasional Industrial Climber	HS3
Advanced Industrial Climber	HS4
GOTCHA Kit Rescue Training	HS5A
SHARK Rescue Training	HS5B
CRD Kit Rescue Training	HS5C
GOTCHA POLE TOP Rescue Training	HS5D
Rooftop Safety / Work Restraint	HS6
Competent Person Practical Inspection and Record Keeping	HS7
Radio Frequency Awareness, Safety in Radio Frequency Fields	HS8
Management of Work at Height	HS9
Access, Egress and Rescue from a Confined Space	HS10

Work at Height on Vehicles

Title	Order Code
Vehicle Mounted Work Restraint System - Operator Training	STOPPA
Vehicle Mounted Fall Arrest System - Operator Training	CAPCHA
Load Restraint For Road Transport Vehicles	LR1

Industrial Rope Access

Title	Order Code
IRATA Level 1 – Rope Access Technician	IRATA 1
IRATA Level 2 – Experienced Rope Access Technician	IRATA 2
IRATA Level 3 – Rope Access Supervisor	IRATA 3

Safe Lifting & Rigging

Title	Order Code
Safe Slings & Lifting Appreciation	SL1
Practical Slings and Lifting	SL2
Rigging and Lifting for Workers at Height	SL3
Lifting Equipment – Practical Inspection & Record Keeping	SL4

Load Restraint

Title	Order Code
Load Restraint Appreciation & Inspection	LR1

Police Height Safety Training

Title	Order Code
Introduction to Height Safety and Equipment Awareness	PHS1
Height Safety for Operations on Rooftops, Structures and Steep Ground	PHS2
Rescue and Recovery for Officers Operating at Height	PHS3
Practical Training for Operations at Height. Safe – Access – Egress – Rescue	PHS4
SARA (Search and Rope Access) Operative	SARAOP
SARA (search and Rope Access) Supervisor	SARASUP

Height Safety For Rescue Courses for the Emergency Services

Title	Order Code
An introduction to personal safety at height and equipment awareness	HSR1
Basic height safety/practical application – Rooftops and Structures	HSR2
FR Kit user	HSR3
FR Kit instructor	HSR4
Line rescue operative	LROP
Line rescue supervisor	LRSUP

To book a course contact the training department on +44 (0) 1606 738529 or book online 24/7 at www.cbs-spanset.co.uk

FALLS FROM HEIGHT PREVENTION, PROTECTION & RESCUE

What you need to know!

1 ALWAYS CONSIDER THE HIERARCHY OF MEASURES WHEN WORKING AT HEIGHT

Avoidance - Avoid all unnecessary work at height.

Permanent access - Use walkways and gantries where possible

Temporary working platforms - The use of scaffolding, cradles and mobile platforms

Collective measures are preferable to personal measures - Handrails, safety netting, airbags or landing mats

Personal measures can be split into three categories -

-  Work restraint
-  Work position
-  Fall Arrest

2 IF A FALL CAN OCCUR YOU MUST BE PROTECTED

Lone working should be avoided
Check that you have safe clearance below
Always have a rescue plan

PPE for arresting falls must include

Anchorage that are rated to EN795 or equivalent

A Full Body Harness correctly fitted

A Fall Arrest Device that will:

- Ensure shock loads do not exceed 6kN
- Arrest the fall in a known distance
- Arrest the fall and prevent the user colliding with obstacles

Connectors - suitable for linking the system

Head Protection - A helmet that won't fall off

3 THE EFFECTS A FALL WILL HAVE ON YOU

Even if you use suitable fall arrest equipment a fall will still be a traumatic experience

You may collide with obstacles during the fall

You may be unconscious or in shock

Suspension in a harness if left unchecked can cause you problems - see section 4

4 SUSPENSION IN A HARNESS CAN LEAD TO COMPLICATIONS please refer to <http://www.hse.gov.uk/falls/Harness.htm>

If you are suspended after a fall you may experience pressure points from the harness that can cause pain and restrict your circulation.

If this is left unchecked it can lead to; Tingling sensations in your limbs, dizziness and eventually a lack of consciousness.

If you can move you may be able to relieve the effects, but you need to be rescued. A temporary aid may also help reduce the effects.

If during the fall you are knocked unconscious then you will be unaware of these effects. They will still occur, but you will not be able to ease them and you need to be rescued.

The effects can begin within a few minutes. Rescue should be carried out as quickly and as safely as possible. Ideally rescue should take no longer than 15-20 minutes.

When the pressure is released from your harness, any trapped blood will be released into your system. This may cause complications and it is recommended that you seek medical assistance to monitor your condition. Tell them what happened and how long you were suspended.

7 AFTER THE RESCUE

They may still need care
Call for medical assistance
Get a qualified first aider to assess their injuries
If in doubt seek medical advice

6 APPROACHES TO RESCUE

There are many types of rescue available. You must plan to find the one for you. Always avoid placing others at unnecessary risk during the rescue.

Improvised / unplanned recovery

- May be effective
- Can place rescuers at risk
- There is a risk of failure

Planned / application specific

- Very effective if well planned and assessed
- May use a pre assembled kit such as a Gotcha
- Requires adequate training
- Must be at the workplace to be effective

Permanent rescue team / emergency services

- They need to be aware of your needs in advance
- They must be able to get to you in time
- They should be called even if you intend to use one of the other approaches.

5 TAKE THE PRESSURE OUT OF SUSPENSION

Footloops or temporary supports can reduce the effects of harness suspension.

You must remember:

- It only works on conscious casualties
- It is not a replacement for rescue

Appropriate use can:

- Give you more time to carry out the rescue
- Allow the casualty to move assisting circulation
- Help to relieve pressure from the harness
- Reduce or delay the complications of suspension
- To be effective it must be at the work site.

For further information regarding height safety products and training contact your supplier or



SpanSet raising the standard with





Annual Inspection & Testing Service

European Standards dictate that all items of PFPE for work at height and all safety systems undergo a periodic examination by a competent person. In addition, in the UK, "BS 8437:2005 Code of practice for selection, use and maintenance of personal fall protection systems and equipment for use in the workplace." Section 13.1.2 –States "Formal inspection procedures should be put in place by employers to ensure that personal fall protection equipment is given a detailed inspection ("thorough examination") by a competent person before first use and at intervals not exceeding 6 months (or 3 months where the equipment is used in arduous conditions), and after circumstances liable to jeopardise safety have occurred.

SpanSet can perform the thorough inspections required by legislation and/or equipment manufacturers. We can also provide training for Competent Persons and therefore the combination of your staff and our services can increase the safety and ensure compliance.

IDxpert Net[®]

Product identification and asset management combined into one simple process

- Allows you to easily manage all the components of your Personal Fall Protection Equipment
- Clear identification of product with RFID technology
- Instant access to your records from any location with the online IDxpert Net portal
- Simplifies inspection recording and inspection planning
- Attach images, data sheets, instructions to your records
- Remote access to your certification records
- Transfer between multiple locations or mobile locations
- Perform inspections or audits remotely with the IDxpert Net Mobile reader

Database



Portal



Inspection data is instantly synchronised to the database via network, WiFi or mobile data

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Safety Management
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CAPCHA
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STOPPA
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Protection Systems