

PURPOSE

Energy absorbing lanyards, both single and double legged are to be used with compatible PPE fall arrest products to create a Fall Arrest system that will limit the impact force on the body of the user in the event of a fall.

APPLICATIONS

All listed energy absorbing lanyards are to be used with a full body harness tested to EN361 to create a fall protection system. When using a lanyard for fall arrest, users must always have an energy absorber and be tested to EN355:2002. The Lanyards must be connected to an anchoring point with minimum resistance of 12KN and the other end attached to a EN361 full body harness and attached to the designed attachment points.

LIMITATION

- Never use fall protection equipment for purposes other than those for which it was designed.
- All trägea® energy absorbing lanyards included in this User Information Sheet are tested in accordance with EN355.
- All fall protection equipment should be purchased in a new and unused condition.
- All trägea® energy absorbing lanyards included in this User Information Sheet are designed for one user with a maximum capacity up to 100 kg including clothing, tools, etc. Only use components rated for the same weight capacity. Not all fall protection components are rated for the same user weight capacity.
- Do not use the lanyards included in this User Information Sheet for restraint or work positioning applications.
- All trägea® energy absorbing lanyards included in this User Information Sheet must be used with a EN361 full body harnesses part of a fall protection system. A full body harness is the only acceptable body holding device that can be used in the fall protection system.
- The lanyards listed in the User Information Sheet are only be used by a person trained and competent in its safe use.
- Ensure there is sufficient clearance so that in the event of a fall, the user will not impact the ground or any other surface. A safety factor of 1 metre minimum should be enforced. 6.75 metres from the anchor to the ground is the suggested minimum distance.
- Any connection to an anchoring point must be with an EN362 connector.
- Always use structural anchors provided as an anchoring point if possible. Ensure that any anchoring point used have a resistance of 12KN or more and is suitable under EN795.
- Always attach an unused lanyard to a lanyard storage keeper when not in use. Never attach the unused leg of the lanyard to the harness at any other location.
- Ultimate Industrial (UCi) does not take responsibility in the case of damage or accident caused by the incorrect use of any product covered in this User Information Sheet.
- These products should not be used by anyone who has a health condition that may be affected by its use. Minors, pregnant women and anyone with a history of back and/or neck problems should not use this equipment. If in doubt, please consult your doctor.

- Use of the listed PPE products should only be used by personnel who have undergone the correct training and who are competent and safe in its use, or under the direct supervision of a trained and competent instructor.

- Before using any fall protection PPE, a rescue plan must be in place and known to all applicable in the event of a fall or any other emergency. Users must have a rescue plan and the means to implement it. This plan must provide prompt employee rescue or assure that employees have the ability to rescue themselves in the event of a fall.

- Alternations or additions to the trägea® fall protection product must not be made under any circumstance. Only UCI or entities authorized in writing by UCI shall make repairs or alterations to the equipment. Any unauthorised alternations or additions made to the product without consent will not be the responsibility of UCI.

- Never use fall protection equipment for purposes other than those for which it was designed. The trägea® products listed in this User Information Sheet are tested to EN355. They are fall protection products and must not be used outside of their limitations or for any purpose other than what they are intended for. Do not expose the equipment to any hazard which it is not designed to withstand.

- All of the trägea® height safety products listed in this User Information Sheet are personal items and should be assigned to one user throughout its lifetime. It is the user's responsibility to ensure the product remains safe and suitable for use.

- All of the trägea® height safety products listed in this User Information Sheet must be used as part of a fall protection system. All additional fall protection products used with these must conform to the relevant and accepted EN tests. For example; shock absorbing lanyards must conform to EN355, harnesses must conform to EN361, positioning/restraint products must conform to EN354/EN358. Connectors must conform to EN362. Only use components rated for the same weight capacity. Not all fall protection components are rated for the same user weight capacity.

- All of the trägea® height safety products listed must only be used with compatible products that will combine to offer a safe functional system. Do not use any products that may interfere with the safe function of any other product in the system. Only use components rated for the same weight capacity. Not all fall protection components are rated for the same user weight capacity.

- It is essential that a qualified person carries out a pre-use check of all products to ensure they are in perfect working condition. The products must be checked for; product deterioration or deformation, imperfections in the webbing such as extensive wear, frays, burns or cuts. Also check for any corrosion, cracks or damage to the metal parts or anything that may prevent the product from working correctly and safely. If in doubt, please contact UCI. All equipment must be inspected before each use according to the instructions found in this User Information Sheet.

PRECHECK

When instigating the pre-use check, all aspects of the equipment must be tested to ensure that it will perform correctly. Check all aspects of the harness for any signs of damage or any defects that may affect the performance of the product. If in any doubt, replace the product.

- trägea® Shock Absorbing Lanyards must be inspected prior to each use for wear, damage, and other deterioration.

- All snap hooks and carabiners on product must be able to close and lock.

- All webbing and rope must be inspected for tears, cuts, fraying, abrasion, discolouration, or other signs of wear and damage. Sewn terminations must be secure, complete, and not visibly damaged. All rope splices must be secure.

- Shock Absorbers must not be deployed.

- Damaged and other deteriorated or defective components must be immediately removed from service

How to check webbing

- Bend a portion of the webbing 15-20 cm into an upside-down 'U' shape. Continue along all webbing inspecting for tears, cuts, fraying, abrasion, discolouration, burns, holes, mould, pulled or broken stitches, or other signs of wear and damage.

- Adjust all keepers, buckles, padding, and D-ring to inspect webbing hidden by these components.

- Sewn terminations must be secure, complete, and not visibly damaged.

- Check all buckles for damage, distortion, cracks, breaks, and rough or sharp edges. Inspect for any unusual wear, frayed or cut fibres, or broken stitching of the buckle attachments. Make sure buckles properly engage.

- Double-check the buckle locking mechanism by tugging on both halves of the buckle to make sure it is firmly connected and will not disengage.

- All markings must be legible and attached to the product.

- All hardware must be free of cracks, sharp edges, deformation, corrosion, or any evidence of defect.

Any of the trägea® height safety products listed in this User Information Sheet must be withdrawn from use and destroyed if;

- Under inspection it is found to be defective or have excessive wear, damage, deterioration or anything else that may prevent the product working correctly. If in doubt remove the product form use immediately.

- In the event of a fall, the trägea® energy absorbing lanyard must be removed from service and destroyed immediately.

ANCHORAGE REQUIREMENTS

All anchorages to which the Personal Energy Absorbers and Energy Absorbing Lanyards attach must meet the requirements of EN795:2012

Anchorages to which personal fall arrest equipment is attached must be capable of supporting at least 12 kN per employee attached, or shall be designed, installed, and used as part of a complete personal fall arrest system which maintains a safety factor of at least two, under the supervision of a qualified person.

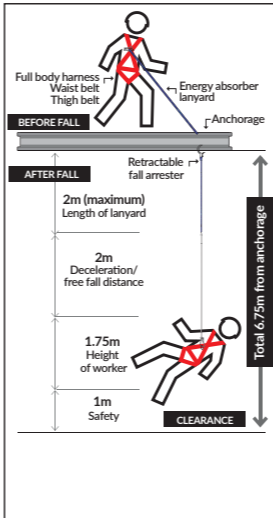
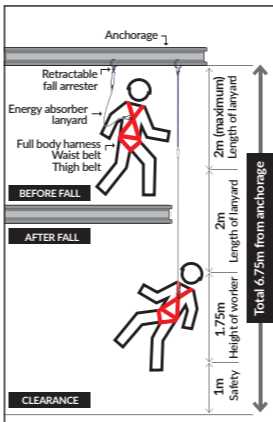
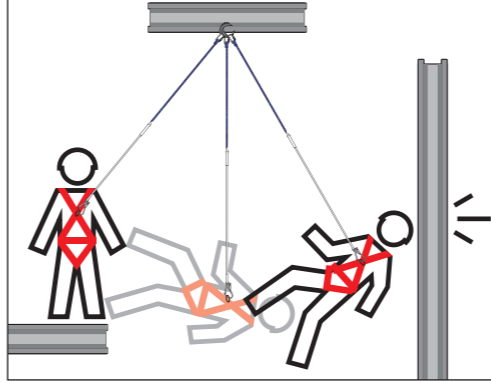
Systems designed for multiple users must comply with the relevant standards/specifications e.g. TS16415

Snap hooks, carabiners, and other connectors must be selected and applied in a compatible fashion. All risk of disengagement must be eliminated. All snap hooks and carabiners must be self-closing and must never be connected to each other.

Connect the dorsal D-ring of the full body harness or a front attachment which can be considered as fall arrest attachment specified by the manufacturer's instruction. Attachment points are marked A or A/2 (if two points are used together) and these are the only attachments that should be used for fall arrest, to the end of a restraint lanyard or energy absorber lanyard.

When using the front attachment point, both loops must be

To minimize the possibility of a swing fall, work as directly under the anchorage connector as possible. Striking objects horizontally, due to the pendulum effect, may cause serious injury.



used together to create one attachment point. The opposite end of the lanyard is to be connected to the anchorage connector. Always use structural anchors provided as an anchoring point if possible. Ensure that any anchoring point used have a resistance of 12KN or more and is suitable under EN795.

For equipment intended for use in fall arrest systems, anchorages should be located as vertically as possible above the user's head and be positioned as not to exceed the maximum allowable free fall for the system. The fall arrester should be used in vertical direction only. To minimize the possibility of a swing fall, work as directly under the anchorage connector as possible. Striking objects horizontally, due to the pendulum effect, may cause serious injury. Swing falls also increase the vertical fall distance of a worker, compared to a fall directly below the anchorage connector.

Swing falls may be reduced by using overhead anchorage connectors that move with the worker.

A CE certified full body harness is the only acceptable body holding device that can be used in a fall arrest system.

When using equipment intended for use in a fall arrest system, before each occasion of use, it is essential that the free space required beneath the user is clear and free from obstructions. This is so in the event of a fall, there will be no collisions with the ground or any other obstacle in the fall path.

Environmental hazards should be considered when selecting fall protection equipment. Do not expose the equipment to any hazard which it is not designed to withstand. Do not allow equipment to come in contact with anything that will damage it including (but not limited to): sharp edges, abrasive surfaces, moving machinery, high heat sources, electrical areas, extremes of temperatures, chemical reagents, climatic exposure and temperature applications like welding etc.

STORAGE AND TRANSPORT

When being transported or stored, the trägea® energy absorbing lanyard should be stored in a cool, dry, ventilated place out of direct sunlight. Do not store in areas where damage from environmental factors such as heat, light, excessive moisture, oil, chemicals and their vapours, or other degrading elements may be present. It must be kept away from any sharp edges that may damage the product in transit.

Do not store/transport damaged equipment or equipment in need of maintenance in the same area as product approved for use. Equipment must be cleaned and dried prior to storage.

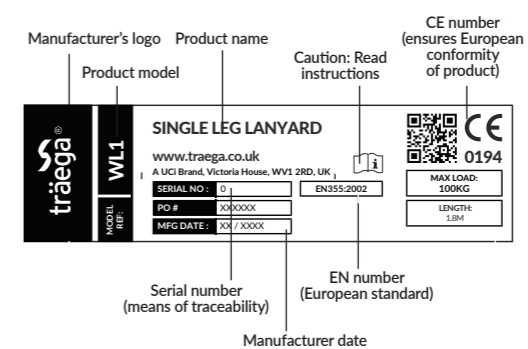
Equipment that has been stored for an extended period must be inspected as described in these User Instructions prior to use.

CLEANING

trägea® energy absorbing lanyards can be wiped down with a mild detergent and wiped with a clean cloth to remove detergent. The hardware can also be wiped down with a clean, dry cloth to remove grease or dirt. If wet, allow the product to air dry.

Bleach, solvents, corrosive chemicals or any other chemical that may damage/weaken the product must not be used to clean the products as they can affect the product performance.

EXPLANATION OF MARKINGS



Design Stage - SATRA Technology Centre Ltd, Wyndham Way Telford Way, Kettering NN16 8SD United Kingdom. Notified Body identification number – 0321

Control Phase – INSPEC International Ltd, 56 Leslie Hough Way, Salford, Greater Manchester, M6 6AJ - United Kingdom - CE0194

Declarations of conformity are available at www.traega.co.uk or www.ultimateindustrial.co.uk

All of the trägea® height safety products listed in this User Information Sheet have a limited life. Product lifetime is 5 years from date of manufacture (or 3 years from first use). However, this may be shorter and the product should be removed from use if the product matches any of the following criteria:

- The product is damaged, defective, has experienced excessive wear or isn't working correctly etc (please see Pre-use check section).
- The product has come into contact with harmful/corrosive chemicals.
- Any of the product labels are missing or illegible.
- You don't have the full history of the products usage.
- You have any doubt to the integrity of the product.

Product lifetime is 5 years from date of manufacture or 3 years from first use as long as it passes pre-use and Competent Person inspections. This inspection log must be specific to one product. Separate inspection logs must be used for each additional fall protection product. All inspection records must be made visible and available to all users at all times.

When any of the trägea® fall protection products are re-sold outside of the UK, it is compulsory for the reseller to provide this User Information Sheet in the language of the country it has been sold to.

The total length of a sub-system with an energy absorber including lanyard, terminations and connectors shall not exceed 2m.

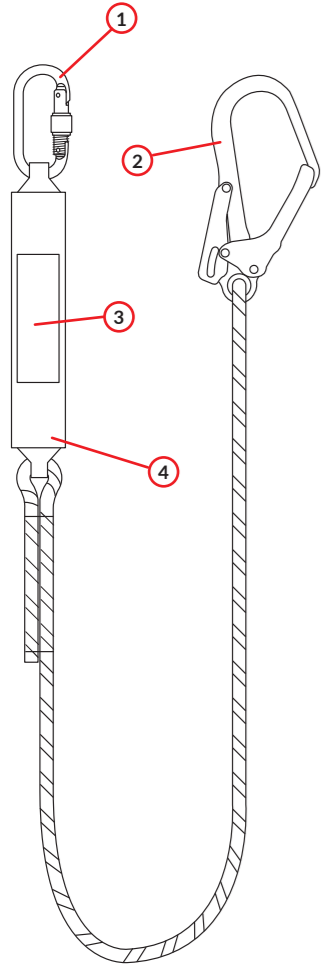
All of the trägea® height safety products listed in this User Information Sheet must be used as part of a fall protection system. All additional fall protection products used with these must conform to the relevant and accepted EN tests. For example; Shock absorbing lanyards must conform to EN355, Harnesses must conform to EN361, Positioning/restraint products must conform to EN354/EN358. Connectors must conform to EN362. Only use components rated for the same weight capacity. Not all fall protection components are rated for the same user weight capacity.

The energy absorber is made from polyester webbing.

Use of the listed PPE products should only be used by personnel who have undergone the correct training and who are competent and safe in its use, or under the direct supervision of a trained and competent instructor.

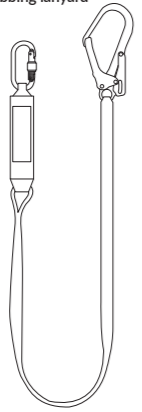
KEY FEATURES

RL1SS
Single leg 1.8 metre rope lanyard

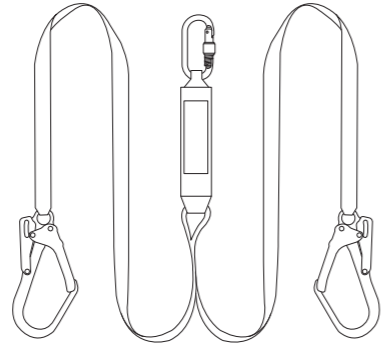


- ① Carabiner
- ② Scaffold Hook
- ③ Identification Label
- ④ Energy Absorption Device
- ⑤ Connector

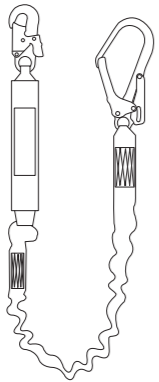
WL1
Single leg 1.8 metre webbing lanyard



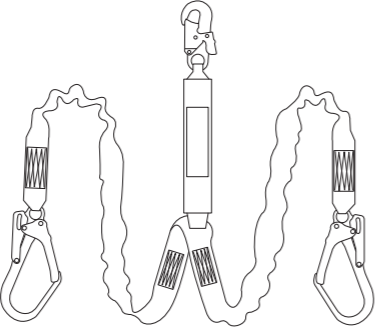
WL2
Double leg 1.8 metre webbing lanyard



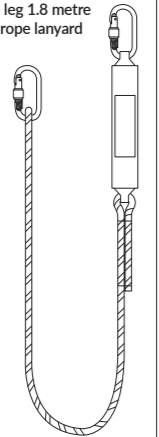
EL1
Elasticated single leg 1.8 metre webbing lanyard



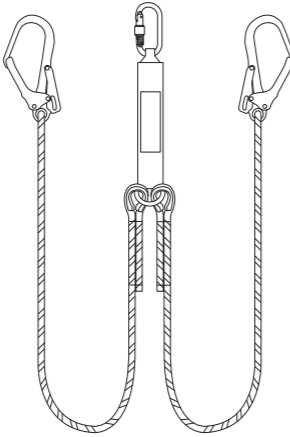
EL2
Elasticated double leg 1.8 metre webbing lanyard



RL1SC Single leg 1.8 metre rope lanyard



RL2SS Double leg 1.8 metre rope lanyard



EQUIPMENT RECORD

PRODUCT

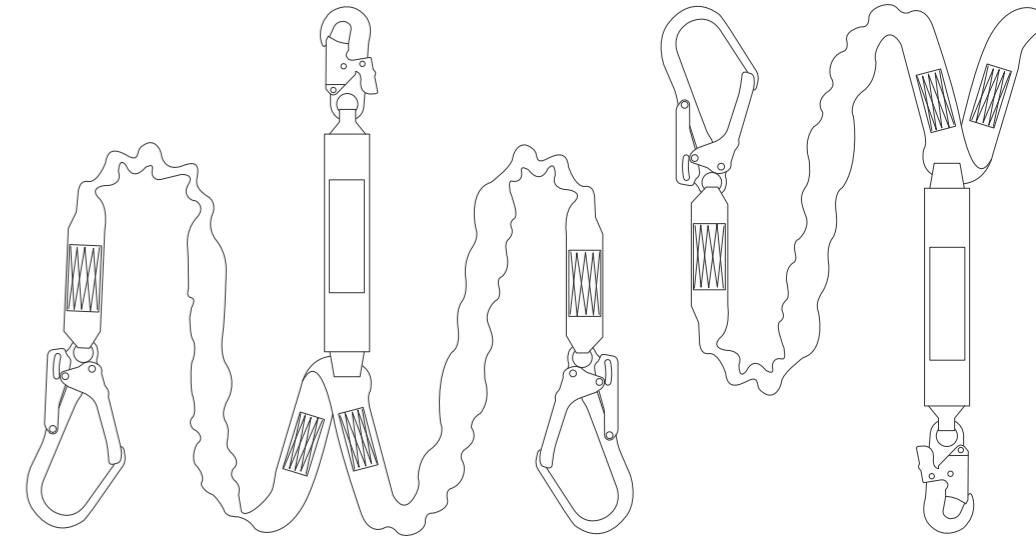
Model & type/identification	Trade name	Serial number
Manufacturer	Address	Tel, fax, email and website
Year of manufacture/ life expiry date	Purchase date	Date first put into use
Comments		User name
Other relevant information (e.g. European Standard number)		
Other components suitable for use together in the fall arrest system are.....		

PERIODIC



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! ALWAYS READ INSTRUCTIONS BEFORE USE

INSTRUCTIONS FOR USE

STYLES: WL1, WL2, EL1, EL2 RL1SS, RL1SC, RL2SS

CONFORMS TO PPE REGULATION (EU) 2016/425