

Instructions for use for RIDGEGEAR Temporary Horizontal Lifeline (RGHL1) complying with the requirements of (EU) 2016/425



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This product has been certified to the PPE Regulation (EU) 2016/425 (as brought into UK law and amended) by using test methods from EN795/2012 to demonstrate compliance.

IMPORTANT : Please read and understand these instructions before use

Suitable for a maximum of two users

The RGHL1 is Temporary Horizontal Anchor Line comprising of 33mm wide polyester webbing anchor line, terminating with sewn end loops suitable for the attachment to connectors and anchor slings.

The tension is applied manually via an integral ratchet tensioner. The shorter fixed end of the system comprises 50mm polyester webbing. Both end loop terminations are reinforced with webbing for extra wear protection

The intended purpose of this PPE product is to use as a temporary anchor line affixed to suitable end anchor points. Do not use this product outside these limitations, or for any purpose for example as a lifting sling or loading restraint.

The anchor line is used by attaching suitable fall arrest lanyards where there is a risk of a fall. Do not use for any other application such as lashing tie-down, etc. For full installation instructions, please refer to the enclosed operator user instructions and height clearance charts.

GENERAL GUIDE

1. Before use, a detailed risk assessment must be carried out by a competent person to establish that this is the correct product suitable for the type of work to be carried out in the event of a fall, taking into account anchor points, potential fall distance, obstructions, rescue system, etc.
2. The hazardous clearance section explaining the maximum values of deflection and potential fall distance must be read and understood before use
3. A full body harness is the only acceptable body holding device that may be used to arrest a fall.
4. This equipment shall only be used by a person trained and competent in its safe use.
5. Do not use this equipment outside its limitations, or for any purpose other than that for which is intended.
6. Ensure that any harness and safety lines used with this equipment are suitably CE approved and compatible with the RGHL1.
7. When used as part of a fall arrest system, use correct compatible equipment to ensure the maximum possible dynamic forces on the user are a maximum of 6kN.
8. Be aware of any possible dangers, which may arise through use of combinations of items of equipment in which the safe function of any one item is affected by or interferes with the safe function of another.
9. Either the rear or front D ring are acceptable attachment points marked with letter A.
10. The safety Lanyard shall be attached to either the D ring and the other be attached to the anchor line. Never use work positioning D rings as attachment points.
11. Ensure the safety line connector is compatible with the Anchor line and at least double action with rounded profile. Ensure the connector type is large enough so it does not damage or abrade the webbing.
12. The anchor device or anchor point should always be positioned, and the work carried out in such a way as to minimise the potential for falls and fall distance.
13. It is recommended to mark the product with the date of the next or last inspection with a suitable tag. Do not write directly onto the webbing.
14. Not suitable for use with retractable type fall arrests or guided type fall arresters (EN 360) with flexible anchor line (EN 353-2). Such products may not lock correctly in the event of a fall as the recoil could release the locking mechanism.
15. This equipment must only be used by suitably trained personnel.
16. Users are warned that certain medical conditions such as heart disease, high blood pressure, vertigo, epilepsy, drug or alcohol dependence, could affect the safety of the user in normal and emergency use.
17. Ensure before use that there is a suitable rescue plan to deal with any emergencies that could arise during the work.
18. Never attempt to modify, repair or make additions to this product without written consent from RIDGEGEAR.
19. This product is not a personal issue item.
20. Before every use, the user must be suitably qualified to carry out a pre-use inspection to ensure the RGHL1 and accessories operate

correctly, and are free from defects (see inspection section).

21. It is essential for safety that the equipment is withdrawn from use immediately should any doubt arise about its condition for safe use, or it has been used to arrest a fall, and not used again until confirmed in writing by a competent person that it is acceptable to do so. If in doubt, do not use and seek expert advice.
22. Ensure that there is sufficient free space below the user in the event of a fall so there will be no collision with the group or other obstacle in the fall path. (see hazardous clearance guide and ground clearance graphs).
23. Protect the RGHL1 from extremes of temperature outside the range of -20°C to $+50^{\circ}\text{C}$.
24. Avoid contact with strong chemicals, which may damage the equipment or internal mechanism. If in doubt seek advice.

MATERIALS

The textile material and sewing thread is either nylon, polyester or UHMWPE.

STORAGE & CLEANING

1. Ensure that when the RGHL1 is not in use or during transportation, it is stored securely and suitably stored in a clean, dry area and away from direct source of heat or sunlight, or any potentially sharp or abrasive objects such as knives or tools.
2. If the Product gets wet, in use or after cleaning allow it to dry naturally.
3. The equipment may be cleaned with a mild detergent, but must be rinsed afterwards in clean warm water. To ensure all mechanical fittings (particularly ratchet or safety hooks) operate smoothly, rinse and/or wipe off any build up of dirt and grit.

PERIODIC EXAMINATIONS AND SERVICE

1. Before every use, the user shall inspect the equipment following the inspection guidelines below.
2. The safety of the user depends upon the continued efficiency and durability of the equipment, therefore an additional thorough periodic inspection is required by an independent competent person familiar with inspecting this type of equipment.
3. The frequency of examination and inspection must take into account legislation, equipment type, frequency of use and environmental conditions, but must be at least every 12 months and the results and date of the inspection must be recorded.
4. The equipment must be totally replaced after a maximum of 10 years from date of manufacture.

INSPECTION

Webbing - check for cuts, tears, abrasion, scorch marks, burns, chemical attack or severely discoloured patches. Local abrasion, distinct from general wear is often caused by passage of the webbing over sharp and/or abrasive edges, and may cause serious loss of strength. Slight damage to outer fibres may be considered safe, however serious reduction in width or thickness or serious distortion to the weave pattern should lead to immediate rejection.

Stitching - check for broken, loose worn or abraded stitches or severely discoloured patches to the stitching.

Metal - check for cracks, corrosion, distortion, irregular wear and ensure all moving mechanisms operate correctly.

Product marking - check that the product markings including the serial number are legible.

Reject the equipment immediately if any of the above defects are found or if in any doubt.

REPAIR

This product must not be modified or repaired unless advised by us in writing. Only competent persons authorised by us may carry out any repairs. If in doubt contact RIDGEGEAR for further advice.

RECORDS

1. When using the product for the first time, ensure that the first part of the product record card is completed and the date of first use is recorded.

2. Ensure that the product is inspected at regular intervals dependent upon frequency of use. Details of all inspections must be recorded in the spaces provided on the record card.
3. It is essential for the safety of the user that if the product is resold outside the original Country of destination that the reseller shall provide instructions for use, for maintenance, for periodic examination and for repair in the language of the Country in which the product is to be used.


LIFESPAN

The lifespan of the product is 10 years from the date of manufacture, irrespective of its condition. Avoiding abrasion, contamination and correct storage will prolong the life of the product.

NOTIFIED/APPROVED BODIES

1. CE - Module B of PPE Regulation (EU) 2016/425. SATRA Technology Europe Ltd, Bracetown Business Park, Clonee, D15 YN2P, Ireland. ID Number 2777.
2. CE - Module D of PPE Regulation (EU) 2016/425. British Standards Institution, John M Keynesplein 9, 1066 EP Amsterdam, Netherlands. ID number 2797.

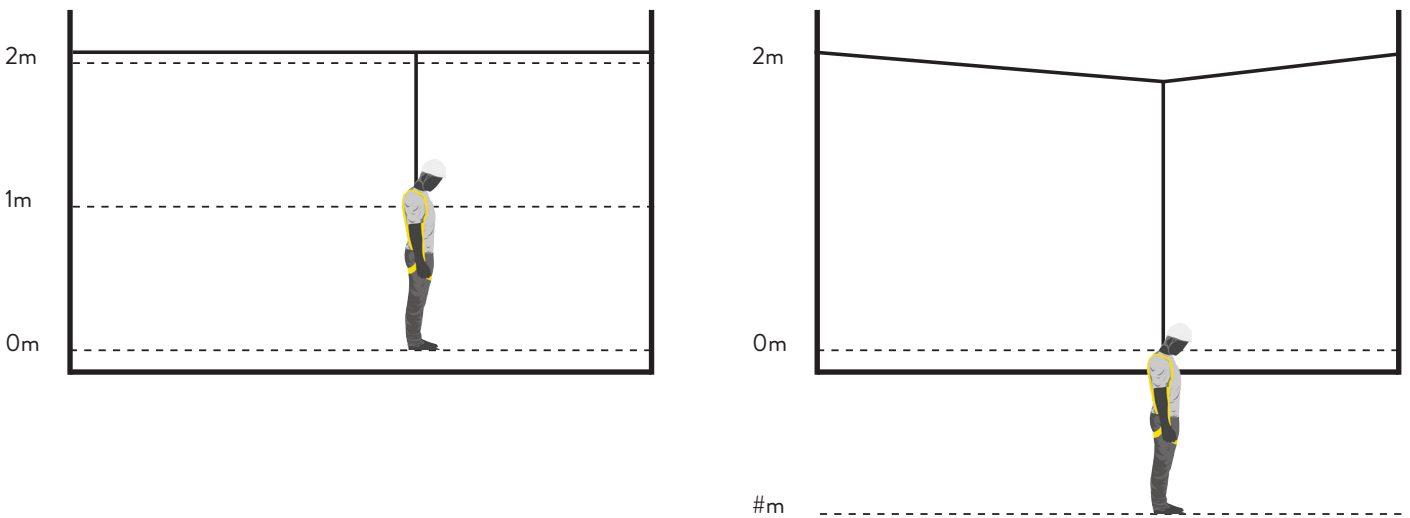
EXPLANATION OF PRODUCT MARKING

RIDGEGEAR	Manufacturer
RGHL1/	Product code followed by length (m) after '/'
Serial Number	Unique traceability number
 2797	Module D approving body (CE)
(EU) 2016/425	PPE Regulation the equipment is in conformance with
Book symbol	Warning to read the user instructions
Date	Date of manufacture
Max No. of workers	Max number of operators that can use the equipment at any one time

Height clearance required below user (one user only). For two users working in fall arrest see Note 1.

The product may also be used in work positioning or work restraint. For work positioning or work restraint the lifeline system must be set up to prevent any chance of a fall occurring (in determining this allow for a maximum line deflection of 0.6m for 5m span, and 1.9m for 20m span). For these use cases a maximum of 4 users concurrently is permitted, when there is no risk of a fall as per guidance from BS8437.

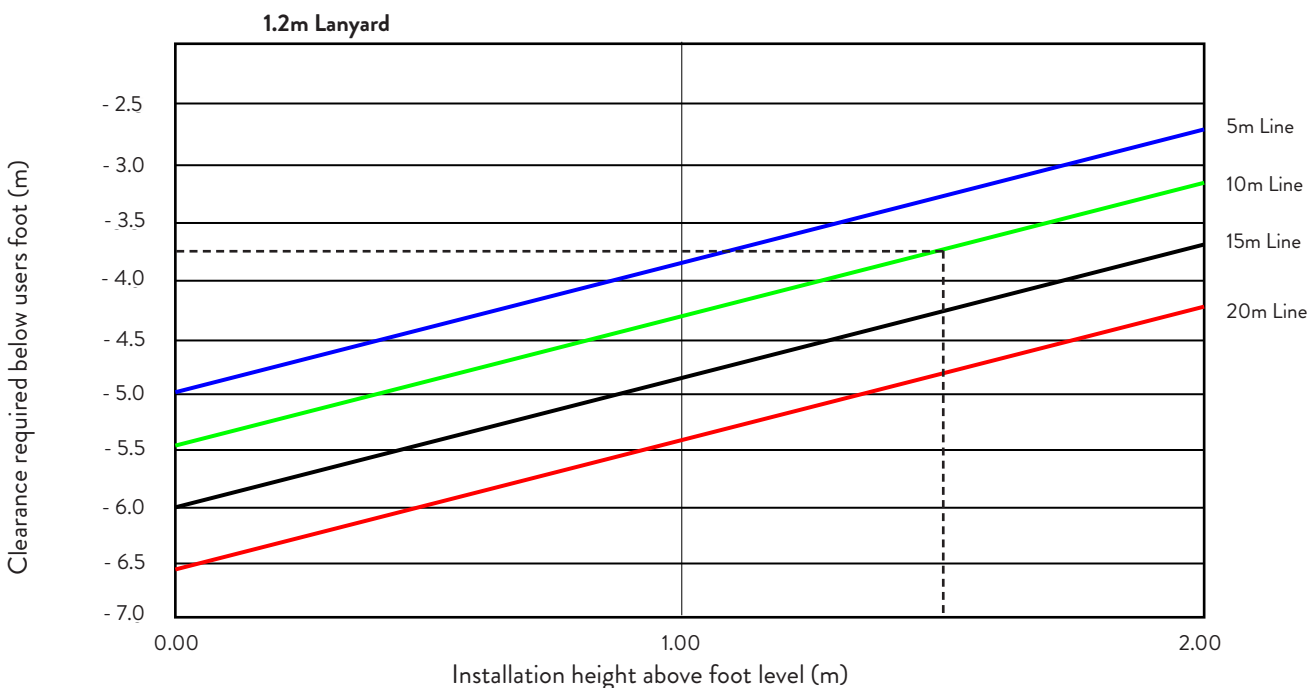
NOTE : The attachment of the RGHL1 at least 1m above foot level is preferred. Always attach the RGHL1 as high as possible, which will greatly reduce free fall distance, and the need for extra clearance distance.



Graph showing RGHL1 height (m) above user foot level

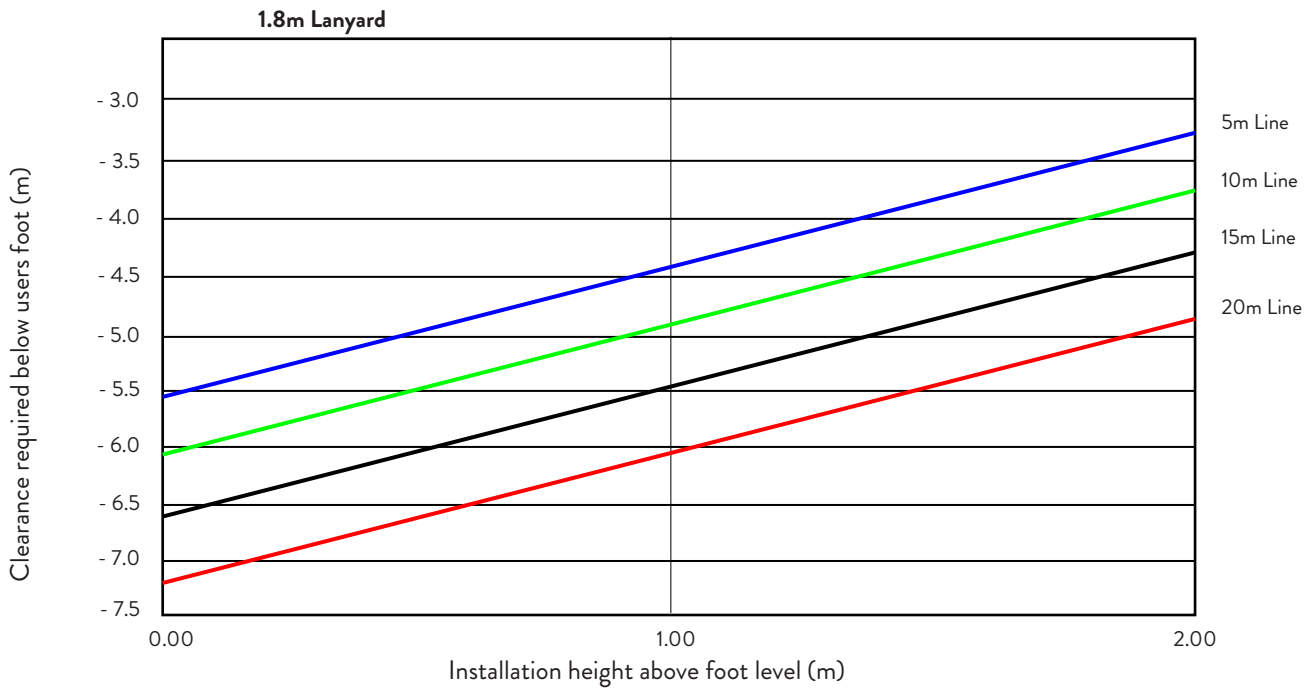
Based on a user weight of 100kg. Increase clearance slightly for heavier weight users.

For example, a 10m line is installed 1.5m above foot level. Clearance required is 3.75m below foot level.



Graph showing RGHL1 height (m) above user foot level

Based on a user weight of 100kg. Increase clearance slightly for heavier weight users.



Note 1

For two users increase height above foot level by 2m.

RIDGEGEAR Horizontal Temporary Anchor Line Operator User Instructions



1. Remove the RGHL1 from the storage bag (fig 1) and inspect before each use in accordance with the enclosed instructions. Keep the storage bag safe and ensure that the product record card and these user instructions are kept in good order.
2. Before using the RGHL1, it is necessary to establish a suitable anchor point. It should be capable of withstanding a minimum strength of 30kN which is the maximum force permitted. The RGHL1 is supplied with two attachment slings RGK26 that should be choked around each anchor point as shown (fig 2).
3. The maximum loads transmitted from the anchor line to the structure will not exceed 20kN.
4. Ensure that the height of attachment and clearance below is sufficient (see the hazardous clearance section guide). Wherever possible, always attach the RGHL1 as high as possible above the working platform.
5. Attach the short fixed end to the RGK26 via the karabiner connectors supplied (fig 3). Ensure the connector mechanism is securely locked. Repeat at the long adjustable end.
6. Ensure the RGHL1 is as level as possible, or at a maximum angle of less than 15 degrees from the horizontal plane.
7. Avoid using over sharp edges.
8. Pull the free end of the webbing through the ratchet spindle to remove excessive slack. Lift the inner gold release handle over the locking side plate and commence to ratchet up the webbing (fig 4).
9. Continue until the webbing is tight and the ratchet cannot be easily tightened any further. This force should now be approx 2.5kN. Do not use extra levers or bars to increase the tension further as this will add extra forces to the anchor points in the event of a fall.
10. Ensure that there is at least 1 ½ turns around the spindle. Then close and lock the ratchet as shown (fig 5).
11. Ensure the release handle is placed in the slot of the side locking plate, which will lock the ratchet. If the spindle is jammed full of webbing before the ratchet has been fully tensioned, open up the ratchet, slacken off the webbing (fig 7) and start again by pulling more webbing through the spindle before starting to tighten the ratchet.
12. Never use the RGHL1 when the webbing is slack. Ensure the webbing is fully tensioned before use.
13. Do not extend the length of the product as this could increase deflection distance.
14. To release the webbing, open the ratchet fully through 180 degrees (fig 7). This will allow the webbing to be removed by pulling on the webbing. Never attempt to dismantle the safety line and/or open up the ratchet to tighten or release webbing whilst the product is in use.

