PERIODIC CHECKING OF PERSONAL PROTECTIVE EQUIPMENT

ENERGY-ABSORBING LANYARDS FLEX ABS / FLEX ABS 140

DEVICE IDENTIFICATION SHEET			
Trademark	CT	Manufacturer	Aludesign S.p.A. Via Torchio 22, 24034 Cisano B.sco (BG) ITALY
Reference standards	EN 355		

PARTS IDENTIFICATION	
PRIMARY ELEMENTS	Energy absorber, elastic tape slings, connector, case.
SECONDARY ELEMENTS	/
REPLACEABLE PARTS	/

Fill-out this inspection sheet following the inspection procedure, photographs and instructions supplied by the manufacturer, which you can download from www.climbingtechnology.com. **Attention!** The examiner's verdict on the severity of the anomaly must be based on objective criteria and the specific training received. The producer accepts no responsibility deriving from inexact information recorded by the user or servicer.

DEVICE PERIODIC CHECK SHEET	
1) HISTORY AND GENERAL CHECK	
1.1	Check the existence and the readability of the marking details, in particular the CE symbol and the applicable EN norm/standard.
1.2	Check that device has not exceeded the storage and/or in-use lifetime, as stated in the specific instructions for use.
1.3	Check that the device is intact and no parts are missing (check against a new product).
1.4	Check that the device has not been modified outside the factory or serviced in a non-approved centre (check against a new product).
1.5	Check that the device has not experienced an exceptional event (e.g. fall from height, violent blow, etc.). Even in the absence of visible defects or deterioration, the original strength could be seriously reduced.
2) VISUAL CHECK	
2.1	CHECKING THE ENERGY ABSORBER • SLING - Open the case and extend the sling. Make sure there are no cuts, abrasions, loose threads, wear, corrosion or traces of chemical substances. Pay attention to also check the loops outside the case and concealed areas. Make sure there are no tears in the stitching at the start of the energy absorber due to having arrested a fall or to mishandling of the system. Repack the energy absorbing sling in the original position inside the case. • TEXTILE AND METALLIC PART - Open the case and check the integrity of the security label. If the label is torn, do not proceed with the inspection and replace the device. Check the correct positioning of the elastic band which must be in the center of the absorber. Then remove the textile part from the elastic band so that it can be stretched. Verify the absence of cuts, abrasions, fraying, wear, corrosion and traces of chemicals. Also check the loops outside the case and the hidden areas. Verify the absence of tears in the absorber stitching. Check the integrity of the metal part, particularly the absence of deformations, cuts, cracks and incisions deeper than 1 mm. Also verify the absence of sharp edges, corrosion and oxidation. Then reinsert the textile part inside the elastic band and place it in the case. • STITCHING - Make sure there are no cut, pulled or loose threads, abrasions, wear, corrosion or traces of chemical substances. Pay particular attention to safety stitching which is a different colour from the material of the sling. • CASE - Check the case's integrity and that there are no holes, cuts, or excessive wear. Check the zip functions correctly. If defects are found in the case, check carefully the energy absorber inside it.

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2.2	CHECKING THE ELASTIC TAPE SLINGS (IF PRESENT) • WEBBING - Pinch the webbing between thumb and index finger and go along the entire length of the webbing to make sure there are no cuts, abrasions, loose threads, signs of wear, corrosion and traces of chemicals. Pay attention to also check the end loops, which are subject to more wear. • STITCHING - Make sure there are no cut, pulled or loose threads, abrasions, wear, corrosion or traces of chemical substances. Pay particular attention to safety stitching which is a different colour from the material of the sling.
2.3	CHECKING CONNECTORS (IF PRESENT) 2.3.1 - CHECKING THE BODY • Verify there are no deformations, cuts, cracks, corrosion or oxidation. • Verify that there are no signs of wear deeper than 1 mm, paying more attention to the areas of contact with rope and other devices. 2.3.2 - CHECKING THE GATES Verify there are no deformations, cuts, cracks, corrosion or oxidation. Check also the rivets' condition.
3) FUNCTIONAL CHECK	
3.1	CHECKING THE ELASTIC TAPE SLINGS (IF PRESENT) Check that elasticity has not been lost by extending and then releasing the slings several times.
3.2	CHECKING CONNECTORS (IF PRESENT) Check how the gate opens by actioning the second lever as shown on the instructions for use. Check that when the gate and locking lever are released that they immediately and automatically return to the starting position. **Important!** Check that, with the locking mechanism engaged, that the gate cannot be opened. If necessary, lubricate moving parts with a silicon-based oil spray and in accordance with the device's instructions for use.

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PHOTO APPENDIX

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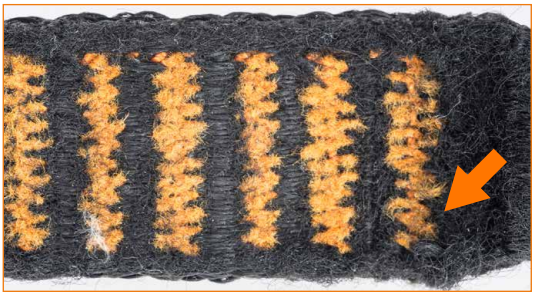
Elastic tape sling dirty and encrusted (below) compared to a new tape sling (above). Dirt and encrustations can enormously reduce the elasticity of the sling.

Elastic tape sling with clear cut in the loop.

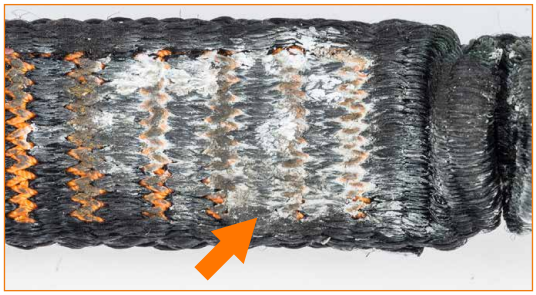
Elastic tape sling with clear evidence of wear (below), During the visual inspection the tape sling must be extended, so that hidden and potentially damaged parts can be examined.

Elastic tape sling with end loop partially cut.

Elastic tape sling with end loop partially cut.



Safety stitching worn.



Safety stitching covered encrusted (with chemical substance).

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Safety stitching so dirty as to make visual inspection impossible.

Energy absorber has been slightly deployed. The start of tearing is visible in the sling's stitching.

Connection loop very worn.

Broken zip on case.

Missing labelling, label has been cut off.

Energy absorber has been partially deployed.

Case with signs of burning which are also present on energy absorber stored inside it.