

# PERIODIC CHECKING OF PERSONAL PROTECTIVE EQUIPMENT

## WORK POSITIONING LANYARDS / ANCHOR / DESCENDER COMPARABLE TO FINCH

### DEVICE IDENTIFICATION SHEET

Trademark		Manufacturer	Aludesign S.p.A. Via Torchio 22, 24034 Cisano B.sco (BG) ITALY
Reference standards	EN 358, EN 795, EN 12841		

### PARTS IDENTIFICATION

PRIMARY ELEMENTS	Body, side plates, regulator cam and screws, command lever (Finch + model), rope and terminations, connector.
SECONDARY ELEMENTS	/
REPLACEABLE PARTS	Rope, protective sheath, connector, screws.

Fill-out this inspection sheet following the inspection procedure, photographs and instructions supplied by the manufacturer, which you can download from [www.climbingtechnology.com](http://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	<p>ADJUSTMENT DEVICE CHECK</p> <ul style="list-style-type: none"> <li>• SIDE PLATES / COMMAND LEVER / PLASTIC PARTS - Verify the absence of deformations, cracks, incisions and sharp edges. Verify the absence of signs of wear, with more attention to the areas in contact with the rope or the connector.</li> <li>• CAM - Verify the absence of deformations, cracks and sharp edges. Verify the absence of incisions deeper than 1 mm. Verify the absence of signs of wear deeper than 1 mm, with more attention to the areas in contact with the rope or the connector.</li> <li>• SCREWS - Verify the screws condition and the absence of slack between the side plates.</li> </ul>

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<p><b>2.2</b></p>	<p><b>CHECKING THE ROPE</b></p> <p>2.2.1 - CHECKING THE SHEATH</p> <p>Examine the full length of the rope to make sure there are no cuts, abrasions, threads unravelling, wear, corrosion or traces of chemical substances on the sheath. Make sure that areas hidden by protection sheaths etc are examined.</p> <p>2.2.2 - CHECKING THE CORE</p> <ul style="list-style-type: none"> <li>• Pinch the rope between thumb and index finger and slide the full length of the rope to make sure that there are no soft or stiff sections, broken parts or bulging spots (where the core pokes out). Make sure that areas hidden by protection sheaths etc are examined.</li> <li>• If you can feel anomalies, bend the rope at these points into curves of varying radius to make sure it bends uniformly. The presence of sharp angles or deformations can mean that the rope is broken or damaged.</li> </ul> <p>2.2.3 - CHECKING LOOPS AT THE END OF THE LANYARD</p> <ul style="list-style-type: none"> <li>• ROPE - Make sure there are no cuts, abrasions, threads unravelling, wear, corrosion or traces of chemical substances.</li> <li>• PROTECTION SHEATHS - Check the sheath is not damaged and that there are no cuts, cracks or chemical substances on it.</li> <li>• SEWN JOINS - Make sure there are no cut or loose threads, oxidation, wear, abrasions, corrosion or traces of chemical substances.</li> <li>• THIMBLE EYE - Check not damaged and that there are no cuts, cracks or chemical substances on it.</li> </ul> <p>2.2.4 - CHECKING THE TALURIT SPLICED TERMINATION</p> <p>Check the condition of the termination, that there is no excessive wear or traces of chemical substances. Feel the sheath to confirm that the end of the rope extends beyond the talurit.</p> <p>2.2.5 - ROPE PROTECTOR</p> <p>Check the rope protector is not damaged and that there are no cuts, loose threads or excessive wear. If defects are found, check carefully the rope underneath. If the rope protector is missing or damaged, replace it.</p> <p><u>Once checked:</u> if any damage is found on the rope and/or on the protective sheath, it is possible to proceed with the replacement using only the compatible replacement parts and by following the procedure indicated in the related user's instructions.</p>
<p><b>2.3</b></p>	<p><b>CHECKING THE LANYARD'S CONNECTOR (IF PRESENT)</b></p> <p>2.3.1 - CHECKING THE BODY</p> <ul style="list-style-type: none"> <li>• Verify there are no deformations, cuts, cracks, corrosion or oxidation.</li> <li>• 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.</li> </ul> <p>2.3.2 - CHECKING GATES/LEVERS</p> <p>Verify there are no deformations, cuts, cracks, corrosion or oxidation. Check as well the condition of rivets.</p> <p>2.3.3 - CHECKING CLOSURE SYSTEM</p> <p>Check the opening of the gate when the second lever is actioned as shown on the instructions for use. Check that when the gate and second lever are released that they immediately and automatically return to their positions. <b>Important!</b> <u>Check that, with the locking mechanism engaged, that the gate cannot be opened.</u> If necessary, lubricate moving parts in accordance with the device's instructions for use.</p>
<p><b>2.4</b></p>	<p><b>CHECK THE REGULATOR'S CONNECTOR</b></p> <ul style="list-style-type: none"> <li>• Check that the EN 362 oval connector with the correct serial number is present. If a different connector from the original one is present, replace it with a connector identical or compatible to the original, noting the serial number on the inspection sheet in the space for notes.</li> <li>• Check the condition of the connector following the inspection procedure and the instructions.</li> </ul>

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3) FUNCTIONAL CHECK	
3.1	<p><b>SLIDING CHECK</b></p> <p>Hook the device terminal connector to an anchor point. Hold the adjustment device connector with one hand and apply downward force. Recover the free side of the rope, making sure that it runs during recovery and that it stops when released.</p>
3.2	<p><b>LOCKING CHECK</b></p> <p>Strongly pull the adjustment device connector down verifying that the device remains locked. The sliding of the rope in this direction can only take place by manually operating the device according to the instructions for use.</p>
3.3	<p><b>RELEASE CHECK (Finch model)</b></p> <p>Hold the adjustment device connector with one hand and apply a downward force. With the other hand hold and slightly rotate the adjustment device, checking that the rope is correctly released.</p>
3.4	<p><b>CONTROL LEVER CHECK (Finch + model)</b></p> <p>Check the rotation and the automatic return of the control lever without hindrance. If necessary, blow with compressed air and lubricate with silicone-based spray oil, according to the device instructions for use.</p>
3.5	<p><b>RELEASE CHECK (Finch+ model)</b></p> <p>Hold the adjustment device connector with one hand and apply downward force. With the other hand, hold and slightly rotate the control lever, checking that the rope is correctly released.</p>
3.6	<p><b>INSPECTION OF FASTENERS</b></p> <p>Check the correct tightening of the two fasteners using a torque wrench:</p> <ul style="list-style-type: none"><li>• large screw 1,8÷2 Nm;</li><li>• small screw 4,8÷5 Nm.</li></ul> <p>In the case the fasteners need to be replaced, some threadlocker must be applied on the thread of the new fasteners.</p>

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# PHOTO APPENDIX

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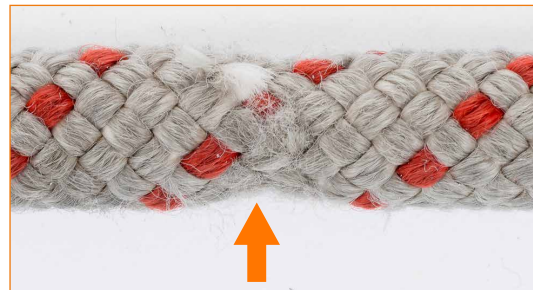
Rope worn.



Rope with damaged sheath: the rope's core can be seen.



Damaged rope. Note the difference in curvature between the undamaged portion (constant curvature, below left) and the damaged portion (uneven curvature, above right).



Rope with damaged core. This damage is best found by feeling the rope, although you can see a slight narrowing of the rope.



Regulator's cam very worn: see the difference between a new device (right) and one with a worn cam (left).



Termination loop damaged: thimble eye and heat-shrunk coating partially missing, stitching and rope worn and label illegible.



Regulator with loose screw.  
 ⚠️ Apply low-strength thread-locking fluid and retighten until tight.



Regulator with missing screw.  
 ⚠️ Replace with designated spare part. Apply low-strength thread-locking fluid and retighten until tight.

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Rope core protruding.



Clear burning on protection sheath. **Important!**  
Check the entire length of the rope: the damage on the sheath could be present on the rope as well.



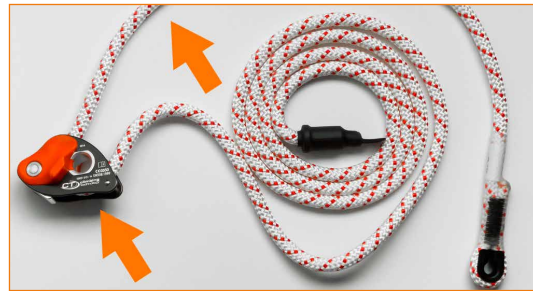
Clear burning on protection sheath. **Important!**  
Check the entire length of the rope: the damage on the sheath could be present on the rope as well.



Rope very dirty with deposits of foreign substance.



Regulator with cam jammed due to build-up of foreign matter.



Regulator's connector and rope protection sheath missing.  
🔧 If there are no other defects, replace missing parts with designated spare parts.

