

ACCVI Rental Equipment Manager: Equipment Replacement and Treatment Policy

(General members may find this document useful)

All helmets, harnesses, and ropes must be retired after 10 years of the manufactured date, providing that the manufacturer does not provide an earlier retirement date. Furthermore, equipment that does not meet the **inspection criteria**, detailed below, must be retired.

Always follow manufacturer's recommendations regarding equipment replacement and treatment.

Treatment of Equipment

Serial number and CE mark - Make sure that the serial number and CE mark are legible. Do not alter the tags.

Marking - Avoid chemical products such as Sharpie/permanent marker/paint on equipment surfaces. These are corrosive to all materials. **Only** write on a label of a different material.

Adhesives - Avoid applying tapes/stickers to equipment. Some tapes/stickers have harmful adhesives. Always follow manufacturer recommendations.

History - Any exceptional event regarding any equipment, should be recorded. The rope use log must be filled out and signed upon return.

Storage of Equipment

Location

Must be a temperate, dry place that is protected from UV rays and chemicals.

Before storing

Make sure equipment is dry. Air dry if necessary.

Clean and inspect equipment. When cleaning, always follow manufacturer recommendations.

Inspection Criteria

If the equipment exhibits any of the following defects, wear, etc., it must be retired. If at any anypoint the rental manager is unsure, or the equipment shows unexpected degradation it should be quarantined, pending a detailed inspection by a manufacturer representative or certified professional.

Rope Criteria

- Verify that the product lifetime has not been exceeded.
- Know the rope's history (e.g., any lead falls reported in log).
- Inspect:
 - a. **Sheath**
 - Look for:
 - cuts, burns, frayed strands, very fuzzy areas, signs of chemicals.
 - b. **Core**
 - Feel for:
 - hard spots, swelling, soft or crushed areas.
 - Pay special attention to fuzzy areas and frayed strands

Harness Criteria

- Worn off or no serial number and CE mark.
- Verify that the product lifetime has not been exceeded.
- Inspect:
 - a. **Straps/webbing/belay loop** (Any soft materials on the harness)
 - Look for:
 - cuts, swelling, damage and wear from overuse, heat, or contact with chemicals, frayed strands, very fuzzy areas.
 - Be sure to check the areas hidden by the buckles.
 - b. **Adjustment buckles**
 - Look for:
 - marks, cracks, wear, deformation, corrosion, heat, breakage, contact with chemicals.
 - Check that the straps are correctly threaded, with no twists.
 - Verify that the buckles operate properly.

Helmet Criteria

- Worn off or no serial number and CE mark.
- Verify that the product lifetime has not been exceeded.
- Inspect:
 - a. **Shell**(condition of the outside of the shell)
 - Look for:
 - marks, impacts, deformation, cracks, burns, wear, signs of chemical products.
 - b. **Liner** (inside of the shell)
 - Look for:
 - marks, deformation, cracks, missing parts, breakage.
 - If applicable remove the comfort parts to inspect the hidden areas.
 - WARNING: Do not** remove the liner that is attached to the shell.
 - c. **Cradle** (webbing head harness/headband/adjustment system/chin strap)
 - Look for:

- wear, cuts, burns, deformation of plastic pieces, missing parts, contact with chemicals, frayed strands, very fuzzy areas.

Move the keepers and plastic pieces to inspect any hidden areas on the straps.