



Condition of the outside of the shell

The inspection of the helmet starts with the check of the condition of the outside of the shell.

On the upper part, look for evidence of impact, cracks, or burns, as well as any signs of damage caused by chemicals. Do the same around the base of the shell.

Condition of the inside of the shell

Then, check the condition of the inside, paying more attention to the base, particularly the reinforcement. Check that none of the ridges are broken or deformed. Then make sure that there are no cracks, marks or deformities on the sides.

Condition of the cradle

Check the headband by feeling to ensure that the stiffness has not been lost and there are no broken zones.

Inspect all the webbing straps for any trace of wear, cuts or burning. Do not hesitate to move the retaining loops and the plastic buckles to look at all parts of the webbing straps. Then check that the stitching of the straps is not cut or distorted. Finally check the main fastening buckle, the sliders and the plastic components.

Condition of the cradle fixings

Ensure that the adjustment wheels do not slip. Check the headband fixings level with the two clips and two rivets.

Then check the four fixing-points of the cradle

Condition of the padding of the headband

If the padding is torn or very dirty, you can replace it.

Condition of the headlamp clips

Check that the headlamp fixing clips are present and in good condition.

Operation of the headband adjustment

Use the adjustment wheel to tighten the headband as far as possible, and then pull the headband to check that it does not loosen. If the adjustment does not work, the product must be rejected. Warning, do not pull the headband too hard, the purpose of this test is not to check the strength of the adjustment.

Operation of the nape of the neck adjustment

Operate the adjustment wheel to check that the rack mechanism works, then pull on the webbing and check that it does not loosen. Warning, do not pull the webbing too hard, the purpose of this test is not to check the strength of the rack mechanism.

Operation of the fastening and unfastening of the chin strap and its adjustment

Open and then close the buckle. Check that it is well fastened. This is not a test of the strength of the buckle. According to the helmet model, the chin strap buckle may release between 15 and 25 kg (EN 397 industrial helmets) or it may release between 50 kg (mountaineering and other helmets).

These values correspond to the requirements of the standard, or to specific technical requirements. Check the adjustment. If the strap cannot be adjusted, clean the webbing. For your safety and comfort, the helmet must always be perfectly adjusted.