



Certification of industrial protective helmets



Evolution of the European standard EN397:2025

The European standard EN397 is mandatory for CE marking of industrial protective helmets.
The latest version was published in 2025.

Old version	→	New version 2025
No definition of helmet types		2 types of helmets 1. protection against impacts on-crown 2. protection against impacts on-crown and off-crown
Helmet positioning during the tests: good laboratory practice		Helmet mounted in accordance with the Helmet Positioning Index given by the manufacturer
Use of a single “headform” for testing		Use of the smallest and largest headform for testing
Consideration of the height of fall		Consideration of the speed of fall
Dimensional requirements (vertical clearance...)		Ergonomic requirement (helmet evaluation by a test subject)
Flame resistance (contact with flame)		Resistance to ignition (contact with a heated rod)
Chin strap release between 150N and 250N		Chin strap rupture: helmet type 1 : more than 150N helmet type 2 : more than 500N

New !

New special application requirements :

- Off-crown penetration
- Enhanced visibility in daylight and dark conditions
- Electrostatic properties

Removal of lateral deformation tests

In bref

- Helmets certified according to the old standard** can be compliant with Type 1 by retesting.
- Certification of helmets** type 2 requires a new design by the manufacturer.

Apave certifies your PPE



Since 2009, **Apave has been the French notified body for helmet certification** with a **1500 m² laboratory** area entirely dedicated to PPE testing



International market :
More than 1500 customers worldwide trust us to certify their PPE



We also test :
Industrial bump caps (EN812)
Electrically insulating helmets (EN50395)
Helmets for mountaineers (EN12492)

Any questions ? Please contact us !

Our Apave team dedicated to PPE certification is here to support you

Learn more about PPE certification :

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