

A background image showing a person in safety gear, including a helmet and gloves, working with a device. The image is semi-transparent and serves as a backdrop for the text.

Standards and classification

European standards

In Europe, all personal protective equipment (PPE) must be CE-marked and in compliance with the PPE Directive 89/686/EEC before they can be placed on the market.

- EN 397 Industrial safety helmets
- EN 50365 Electrically insulating helmets for use in low voltage installations
- EN 166 Personal eye-protection – specifications
- EN 167 Personal eye-protection – optical test methods
- EN 168 Personal eye-protection – non-optical test methods
- EN 1731 Personal eye-protection – mesh eye and face protectors

Standards and classification

Classification regarding mechanical strength and field of use

Classification

S	Increased robustness (drop ball test 5,1 m/s)
F	High speed particles at low energy impact (45 m/s)
B	High speed particles at medium energy impact (120 m/s)
3	Liquid droplets or splashes
8	Short circuit electric arc
9	Molten metal splash
K	Resistance to surface damage by fine particles
S	Increased robustness (drop ball test 5,1 m/s)

