

SAFETY AND QUALITY STANDARDS

EUROPEAN PRODUCT STANDARDS ON CHEMICAL PROTECTIVE CLOTHING

Below are listed the European harmonised standards that are used to determine compliance with the PPE directive 89/686/EEC for CE marking.

TYPE	PRODUCT STANDARD	TEST THAT DEFINES THE TYPE	COMMENTS
1, 2	EN 943-1	EN 464 pressure test	Gastight CPC. Highest protection level.
1aET, 1bET	EN 943-2	EN 464 pressure test	Type 1 clothing for "emergency teams" (fire and rescue services). Higher minimum requirements of EN 943-1.
3, PB(3)	EN 14605	EN 463 jet test	Liquid-tight CPC.
4, PB(4)	EN 14605	EN 463 spray test	Spray-tight CPC.
5	EN ISO 13982-1	(EN ISO 13982-2)	Particle-tight CPC. For aerosols and fine dust of hazardous chemicals type 1 may be required to avoid exposure.
6, PB(6)	EN 13034		Low risk/low exposure splash protection. Typically for agricultural work.

PB (X) with X=3, 4 or 6 means partial body protection of types 3, 4 and 6 and these are covered in the corresponding product standards.

In addition to the standards mentioned above, EN 14325 lists all CPC material tests and how the results are classified into different levels of performance classes. Normally there are 6 classes with class 6 being the highest.

There is also a document on selection, use, care and maintenance ("SUCAM") being prepared by CEN.

The standards can be obtained from your national standardisation organisation.

