



BTTG Testing & Certification Ltd.
Unit 6, Wheel Forge Way
Ashburton Road West
Trafford Park, Manchester
M17 1EH, United Kingdom

Tel: +44 (0)161 876 4211
Fax: +44 (0)161 872 0294
Web: <http://www.bttg.co.uk>
Email: info@bttg.co.uk

CE marking and the Personal Protective Equipment (PPE) Directive, 89/686/EEC

Category II PPE

Personal Protective Equipment (PPE) must be CE marked by the manufacturer before being sold in Europe (the EEA). The PPE Directive, 89/686/EEC, as amended, is the relevant European law, and is implemented in National law by each country.

CATEGORY II PPE

Category II (neither simple nor complex) is all PPE that is not either Category I or III (see Appendix). This covers a wide range of PPE including:

- High Visibility clothing.
- General heat and flame protective items, including welder's clothing and gloves.
- Mechanical protective gloves.
- Most safety footwear.
- Antistatic protective clothing.
- Hearing protection.
- All eye protectors and filters not in Category III.
- All helmets not in Category III.



5368



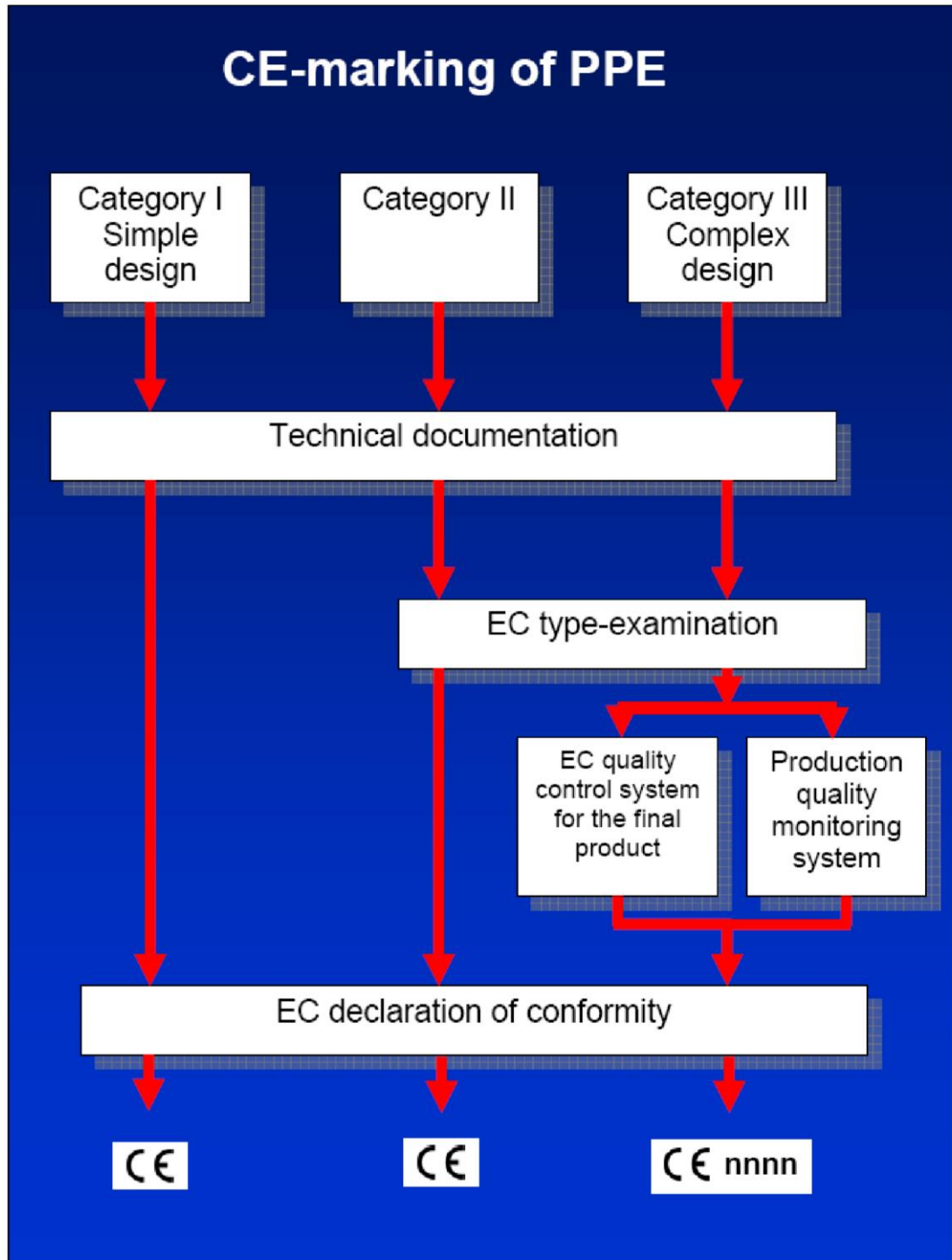
0246

BTTG Testing & Certification Ltd. Registered Office :
Unit 14, Wheel Forge Way, Trafford Park, Manchester, M17 1EH.
A company registered in England & Wales with company number 04669650.
VAT Number GB 816740526.
The supply of all goods and services is subject to our standard terms of
business, copies of which are available on request.
Our certification services are accredited to EN ISO/IEC 17021.



1066

Graphical description of CE marking procedures



5368



0246

BTTG Testing & Certification Ltd. Registered Office :
Unit 14, Wheel Forge Way, Trafford Park, Manchester, M17 1EH.
A company registered in England & Wales with company number 04669650.
VAT Number GB 816740526.
The supply of all goods and services is subject to our standard terms of
business, copies of which are available on request.
Our certification services are accredited to EN ISO/IEC 17021.



1066

MANUFACTURER

The natural or legal person, who:

- designs and/or manufactures a product covered by the Directive, or who has a PPE designed and/or manufactured with view to its placing on the market or for his own professional or private use, under his own name or trademark; or who:
- places a PPE on the market and/or puts it into service, under his own name or trademark.

The manufacturer has sole and ultimate responsibility for the conformity of the PPE to this and other applicable directives. He is required to have a knowledge about the design and construction of the product to be able to declare such conformity in respect of all applicable provisions and requirements of the relevant directives.

The manufacturer can be located in the European Economic Area (EEA) or outside. The manufacturer may appoint an Authorised Representative, who must be located in the EEA, but is not obliged to do so.

TECHNICAL DOCUMENTATION

The technical documentation must comprise all relevant data on the PPE item and the production system, or control and test facilities. According to the Directive, it includes:

- 1(a). overall and detailed plans of the PPE, calculation notes and test results as appropriate;
- 1(b). a list of the basic safety requirements and of the harmonized standards or other technical specifications used;
2. a description of the control and test facilities to be used in the manufacturer's plant to check compliance of production PPE with the harmonized standards or other technical specifications and to maintain quality level;
3. a copy of the User Information.



5368



0246

BTTG Testing & Certification Ltd. Registered Office :
Unit 14, Wheel Forge Way, Trafford Park, Manchester, M17 1EH.
A company registered in England & Wales with company number 04669650.
VAT Number GB 816740526.
The supply of all goods and services is subject to our standard terms of
business, copies of which are available on request.
Our certification services are accredited to EN ISO/IEC 17021.



1066

EC-TYPE EXAMINATION (ARTICLE 10)

The manufacturer applies to a Notified Body, such as BTTG, for EC-type examination of their PPE product. The application shall comprise:

- The name and address of the manufacturer or his authorized representative and of the PPE production plant in question;
- The manufacturer's technical file.
- It shall be accompanied by the appropriate number of specimens of the model to be approved.

The Notified Body examines the garment against the relevant product standard, and carries out any testing required. The technical file is also examined, including the labelling and User Information.

Once the Notified Body is satisfied that the garment and the technical File meet the requirements of the Directive and relevant standards, it issues an EC-type examination Certificate.

Basic Health and Safety Requirements

PPE must satisfy all applicable Basic Health and Safety Requirements (Annex II of the PPE Directive). The manufacturer should identify those that are applicable.

Harmonised Standards

Usually, the manufacturer will use Harmonised Standards to demonstrate conformity. A Harmonised Standard is a European standard, which is accepted by the European Union and has its reference published in the Official Journal. The standard has a 'Presumption of Conformity' for those Basic Health and Safety Requirements covered by the standard, so that PPE that meets the standard is presumed to meet the listed Basic Health and Safety Requirements.

A Harmonised Standard will list the Basic Health and Safety Requirements covered by the standard.

Technical Specifications

Where a manufacturer has not applied, or has only partly applied, the harmonised standards or where there are no such standards, the Notified Body will check the suitability of the technical specifications used by the manufacturer with respect to the basic requirements before examining the manufacturer's technical file.

Technical specifications can include, but are not limited to, draft standards, non-EN standards (e.g. ISO, North American, etc) and other technical specifications.



5368



0246

BTTG Testing & Certification Ltd. Registered Office :
Unit 14, Wheel Forge Way, Trafford Park, Manchester, M17 1EH.
A company registered in England & Wales with company number 04669650.
VAT Number GB 816740526.
The supply of all goods and services is subject to our standard terms of
business, copies of which are available on request.
Our certification services are accredited to EN ISO/IEC 17021.



1066

EC DECLARATION OF CONFORMITY

The manufacturer, or his authorised representative, declares that the PPE being placed on the market complies with all relevant provisions prescribed by the Directive. Annex VI of the Directive contains the appropriate form.

The EC declaration of conformity should be made available to market surveillance authorities on demand, and it is recommended that it is provided to distributors, importers and resellers.

THE 'CE' MARK

The EC declaration of conformity allows the manufacturer to place the CE mark on the PPE. The CE mark symbolises conformity to all provisions of the relevant directives. The affixing of other marks, such as the manufacturer's logo or a voluntary quality mark, which overlaps with and may be confused with the CE marking is prohibited.



Chris Butcher
Head of Certification
BTTG Testing & Certification Ltd. Notified Body No. 0338 / 0339.

[2015/2016]



5368



0246

BTTG Testing & Certification Ltd. Registered Office :
Unit 14, Wheel Forge Way, Trafford Park, Manchester, M17 1EH.
A company registered in England & Wales with company number 04669650.
VAT Number GB 816740526.
The supply of all goods and services is subject to our standard terms of
business, copies of which are available on request.
Our certification services are accredited to EN ISO/IEC 17021.



1066

APPENDIX: Category I and III items

Category I

Category I PPE (Simple design) is exclusively PPE against:

- mechanical action whose effects are superficial (gardening gloves, thimbles, etc.),
- cleaning materials of weak action and easily reversible effects (gloves affording protection against diluted detergent solutions, etc.),
- risks encountered in the handling of hot components which do not expose the user to a temperature exceeding 50°C or to dangerous impacts (gloves, aprons for professional use, etc.),
- atmospheric agents of a neither exceptional nor extreme nature (headgear, seasonal clothing, footwear, etc.),
- minor impacts and vibrations which do not affect vital areas of the body and whose effects cannot cause irreversible lesions (light anti-scalping helmets, gloves, light footwear, etc.),
- sunlight (sunglasses).

Category III

Category III PPE (Complex design) is exclusively:

- filtering respiratory devices for protection against solid and liquid aerosols or irritant, dangerous, toxic or radiotoxic gases;
- respiratory protection devices providing full insulation from the atmosphere, including those for use in diving;
- PPE providing only limited protection against chemical attack or against ionizing radiation (*this includes all chemical protective PPE*);
- emergency equipment for use in high-temperature environments the effects of which are comparable to those of an air temperature of 100°C or more and which may or may not be characterized by the presence of infra-red radiation, flames or the projection of large amounts of molten material (this includes all firefighter's PPE, PPE for use in metal foundries, and Arc thermal protective PPE);
- emergency equipment for use in low-temperature environments the effects of which are comparable to those of an air temperature of -50°C or less;
- PPE to protect against falls from a height;
- PPE against electrical risks and dangerous voltages or that used as insulation in high tension work.

Further reading:

The EU PPE homepage:

http://ec.europa.eu/growth/sectors/mechanical-engineering/personal-protective-equipment/index_en.htm

Consolidated copy of the PPE Directive available from:

<http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:01989L0686-20130101>

PPE Directive guidelines (pdf):

http://ec.europa.eu/enterprise/sectors/mechanical/files/ppe/ppe_guidelines_en.pdf



5368



0246

BTTG Testing & Certification Ltd. Registered Office :
Unit 14, Wheel Forge Way, Trafford Park, Manchester, M17 1EH.
A company registered in England & Wales with company number 04669650.
VAT Number GB 816740526.
The supply of all goods and services is subject to our standard terms of
business, copies of which are available on request.
Our certification services are accredited to EN ISO/IEC 17021.



1066