

STEPS TOWARDS CERTIFICATION

Client's enquiry to BAM (Contact: BAM division and BAM Certification Body)

- check of the client's request / application
- information about certification procedure and a quotation given by BZS to the client
- draft contract

Written application for certification to the BZS

- conclusion of the contract

Performance of the test(s) required

- technical test report(s)

Conformity assessment

- technical assessment report

Final assessment and certification

- review and final decision
- issue of certificate / inspection certificate
- publication in the BAM certification register in the internet

Monitoring according to legal and/or contractual terms

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THE BAM CERTIFICATION BODY (BZS)

The certification activities of the Bundesanstalt für Materialforschung und –prüfung (BAM) are carried out according to the appropriate current European and international standards.

BAM as Notified Body with the identification no 0589 has been notified in the EU in the framework of European directives in the following product areas:

- Equipment and protective systems intended for use in potentially explosive atmospheres (2014/34/EU)
- Explosives for civil uses (2014/28/EU)
- Pyrotechnic articles (2013/29/EU)
- Transportable pressure equipment (2010/35/EU)
- Construction products (EU Regulation 305/2011)

This also includes the approval and the monitoring of quality systems and/or of in-house inspection services (beP) [2010/35/EU] and/or factory production controls (WPK) [EU Regulation 305/2011] of manufacturers.

Within specific fields of competence, BAM carries out certification in the non-regulated area for selected products and related services. You will find the certification programs accordingly on our website. The procedure comprises firstly a design type test and, if applicable, a subsequent initial audit at the manufacturing site as well as further monitoring activities during the certificate's whole period of validity.

BZS has been granted accreditation by the DAkkS GmbH (German Accreditation Body) (Registration no: D-ZE-11075-21-00).

CERTIFICATION SCOPE (REGULATED)

Packagings for dangerous goods (ZBG)

Packagings and containment systems for the transport and storage of dangerous goods according to the Dangerous Goods Act

Pressure equipment (ZBDruck)

Transportable pressure equipment Directive TPED (2010/35/EU): valves and accessories of pressure receptacles

Equipment and protective systems in potentially explosive atmospheres (ZBATEX)

Products according to Directive 2014/34/EU: gas detectors (functional test) and non electrical equipment (incl. ignition hazard and assessment focusing on mechanically generated sparks)

Explosives and Pyrotechnic articles (ZBE)

Explosives for civil uses according to Directive 2014/28/EU as well as Pyrotechnic articles according to Directive 2013/29/EU

Construction products (ZBBau)

Certification of constancy of performance of construction products (system 1) and/or certification of conformity of the factory production control of manufacturers (system 2+) in compliance with EU Regulation 305/2011 for: fire protective products as well as bituminous materials and sealing technology for construction and construction elements of concrete

Marks of conformity

CE0589

TY0589

CERTIFICATION SCOPE (VOLUNTARY)

Voluntary certification (ZBF)

- Acetylene supply systems, valves and safety installations for welding and cutting and allied processes
- Gas detectors
- Reactivity of materials as well as burn-out safety of valves and installations in oxygen service
- Devices and test equipment for non-destructive material testing
- Products with requirements concerning reaction to fire, smoke propagation and heat release as well as fire resistance
- Low-emission materials for the assembly of museum display cases
- Blast-resistant windows, doors and shutters
- Material pairings for the manufacture of low-sparking hand tools for use in potentially explosive atmospheres

MARKS OF CERTIFICATION

BAM Certification System I:

Design type test with manufacturer's declaration of conformity



BAM Certification System II:

Design type test with monitoring

- a) of the products
- b) of the manufacturing site

