BS EN 764-5:2014

BSI Standards Publication

Pressure equipment

Part 5: Inspection documentation of metallic materials and compliance with the material specification

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National foreword

This British Standard is the UK implementation of EN 764-5:2014. It supersedes BS EN 764-5:2002 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PVE/1, Pressure Vessels.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Foreword

This document (EN 764-5:2014) has been prepared by Technical Committee CEN/TC 54 “Unfired pressure vessels”, the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2015 and conflicting national standards shall be withdrawn at the latest by June 2015.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 764-5:2002.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive.

For relationship with EU Directive 97/23/EC (PED), see informative Annex ZA, which is an integral part of this document.

Regarding the most significant technical changes that have been implemented in this new edition of EN 764-5, see Annex B.

This European Standard, *Pressure equipment*, consists of the following parts:

— *Part 1: Terminology - Pressure, temperature, volume, nominal size*;

— *Part 2: Quantities, symbols and units*;

— *Part 3: Definition of parties involved*;

— *Part 4: Establishment of technical delivery conditions for metallic materials*;

— *Part 5: Inspection documentation of metallic materials and compliance with the material specification* (the present document);

— *Part 6: Structure and content of operating instructions* [Technical Report CEN/TR 764-6];

— *Part 7: Safety systems for unfired pressure equipment;*

— *Part 8: Proof test* [Technical Specification prCEN/TS 764-8, currently under development].

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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1 Scope

This European Standard specifies the provisions for inspection documentation of metallic materials, intended to be used under the regime of the PED, to comply with the Essential Safety Requirements 4.2 (b) and 4.3 of Annex I and to comply with the required material specification.

A simplified diagram of the routes for inspection documentation including compliance with the material specification is shown in Figure 1.

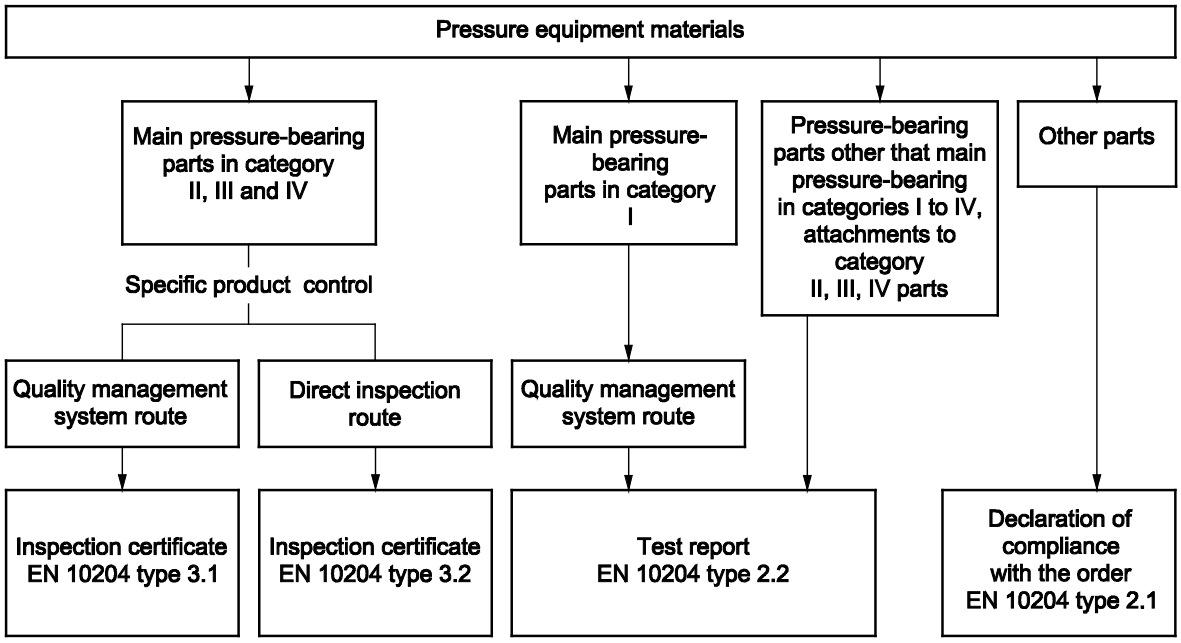

Figure 1 — Types of inspection documents required (minimum requirement)

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 764-4:2014, *Pressure equipment — Part 4: Establishment of technical delivery conditions for metallic materials*

EN 10204, *Metallic products — Types of inspection documents*

3 Requirements with respect to classification into pressure equipment categories

3.1 General

For material intended for use as pressure-bearing parts of pressure equipment of all categories and for attachments (e.g. support feet, lifting lugs, baffles, pipe supports, stiffening rings) welded directly to pressure-bearing parts of pressure equipment of all categories, the pressure equipment manufacturer shall ensure compliance of these materials by obtaining from the material manufacturer a declaration of compliance, which is traceable to the material, as specified in 3.2 to 3.5.

The issuing of any one of the inspection documents referred to in 3.2 to 3.5 is a declaration from the material manufacturer that the delivered products are in compliance with the requirements of the specification and the order (see EN 10204).

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