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Pressure equipment and assemblies - Part 8: Proof test

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 10/16

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This Technical Specification (CEN/TS) was approved by CEN on 8 March 2016 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

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European foreword

This document (CEN/TS 764-8:2016) has been prepared by Technical Committee CEN/TC 54 “Unfired pressure vessels”, the secretariat of which is held by BSI.

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This European Standard consists of eight parts, which are currently:

- Part 1* Vocabulary;
- Part 2* Quantities, symbols and units;
- Part 4* Establishment of technical delivery conditions for metallic materials;
- Part 5* Inspection documentation of metallic materials and compliance with the material specification;
- Part 6* Structure and content of operating instructions [technical report];
- Part 7* Safety systems for unfired pressure equipment;
- Part 8* Proof test [technical specification].

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Introduction

This document is intended to establish a common approach for the proof testing by pressure test of items of pressure equipment and assemblies, in order to fulfil the essential requirement 3.2.2 of Annex 1 of the pressure equipment directive 97/23/CE.

It is intended to be used as a basis in the specific product standards, or directly by a manufacturer.

It takes into account the existing guidelines adopted by the European Commission, detailed in Annex A.

For the determination of the pressure test value, this document provides two methods in 5.1. Further investigation will take place, in order to better specify the method to be retained in the future. The determination of the nominal design stress will be part of this analysis.

CEN technical committees, which apply this document in their product standard, are encouraged to give feedback to CEN/TC 54, for the future revision of this document.

1 Scope

This document specifies the purpose, form and procedure of proof testing by pressure test of items of pressure equipment and assemblies.

It also specifies how to determine the value of the test pressure.

koniec náhľadu – text ďalej pokračuje v platenej verzii STN