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WATER-TUBE BOILERS AND AUXILIARY INSTALLATIONS - PART 8: REQUIREMENTS FOR FIRING SYSTEMS FOR LIQUID AND GASEOUS FUELS FOR THE BOILER

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English version

Water-tube boilers and auxiliary installations - Part 8: Requirements for firing systems for liquid and gaseous fuels for the boiler

Chaudières à tubes d'eau et installations auxiliaires - Partie 8: Exigences pour les équipements de chauffe pour combustibles gazeux et liquides de la chaudière

Wasserrohrkessel und Anlagenkomponenten - Teil 8. Anforderungen an Feuerungsanlagen für flüssige und gasförmige für den Kessel

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Foreword

This document (EN 12952-8:2002) has been prepared by Technical Committee CEN/TC 269 "Shell and water-tube boilers", the secretariat of which is held by DIN.

This European Standard 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(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this standard.

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of an identical text or by endorsement, at the latest by November 2002, and conflicting national standards shall be withdrawn at the latest by November 2002.

The European Standard EN 12952 concerning "*Water-tube boilers and auxiliary installations*" consists of the following Parts:

— *Part 1: General.*

— *Part 2: Materials for pressure parts of boilers and accessories.*

— *Part 3: Design and calculation for pressure parts.*

— *Part 4: In-service boiler life expectancy calculations.*

— *Part 5: Workmanship and construction of pressure parts of the boiler.*

— *Part 6: Inspection during construction, documentation and marking of pressure parts of the boiler.*

— *Part 7: Requirements for equipment for the boiler.*

— *Part 8: Requirements for firing systems for liquid and gaseous fuels for the boiler.*

— *Part 9: Requirements for firing systems for pulverized solid fuels for the boiler.*

— *Part 10: Requirements for safeguards against excessive pressure.*

— *Part 11: Requirements for limiting devices of the boiler and accessories.*

— *Part 12: Requirements for boiler feedwater and boiler water quality.*

— *Part 13: Requirements for flue gas cleaning systems.*

— *Part 14: Requirements for flue gas DENOX-systems.*

— *Part 15: Acceptance tests.*

— *Part 16: Requirements for grate and fluidised bed firing systems for solid fuels for the boiler.*

CR 12952 Part 17: Guideline for the involvement of an inspection body independent of the manufacturer.

Although, these Parts can be obtained separately, it should be recognized that the Parts are interdependent. As such, the design and manufacture of water-tube boilers requires the application of more than one Part in order for the requirements of the standard to be satisfactorily fulfilled.

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NOTE Parts 4 and 15 are not applicable during the design, construction and installation stages.

Annex A of this European Standard is normative and Annex B is informative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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