

STANDARD

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GUIDE FOR PROCUREMENT OF POWER

STATION EQUIPMENT - PART 3-2: BOILERS
SHELL BOILERS

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EUROPEAN STANDARD

EN 45510-3-2

NORME EUROPÉENNE **EUROPÄISCHE NORM**

October 1999

ICS

English version

Guide for procurement of power station equipment - Part 3-2: Boilers - Shell boilers

Guide pour l'acquisition d'équipements destinés aux centrales de production d'électricité - Partie 3-2: Chaudières - Chaudières à tubes de fumées

Leitfaden für die Beschaffung von Ausrüstungen für Kraftwerke - Teil 3-2: Kessel - Großwasserraumkessel

This European Standard was approved by CEN/CENELEC on 1 October 1999.

CEN/CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN/CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN/CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN/CENELEC members are the national standards bodies and national electrotechnical committees, respectively, of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.





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Foreword

This European Standard has been prepared by Technical Committee CEN/CLC FTPFE "Joint Task Force Power Engineering", 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of an identical text or by endorsement, at the latest by April 2000, and conflicting national standards shall be withdrawn at the latest by April 2000.

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, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

This standard takes the form of a recommendation and is therefore entitled a "Guide".

This Guide for procurement has been prepared under mandates given to CEN and CENELEC by the European Commission and the European Free Trade Association.

This Guide for procurement is a part of a series of Guides mandated to cover the procurement of power station plant and equipment in conformity with European Procurement Directives. The Guides are:

EN 45510 Guide for procurement of power station equipment

- Part 1: Common Clauses
- Part 2-1: Electrical equipment Power transformers
- Part 2-2: Electrical equipment Uninterruptable power supplies
- Part 2-3: Electrical equipment Stationary batteries and chargers
- Part 2-4: Electrical equipment High power static converters
- Part 2-5: Electrical equipment Motors
- Part 2-6: Electrical equipment Generators
- Part 2-7: Electrical equipment Switchgears and controlgear
- Part 2-8: Electrical equipment Power cables
- Part 2-9: Electrical equipment Cabling systems
- Part 3-1: Boilers Water tube boilers
- Part 3-2: Boilers Shell boilers
- Part 3-3: Boilers Boilers with fluidized bed firing
- Part 4-1: Boiler auxiliaries Equipment for reduction of dust emissions
- Part 4-2: Boiler auxiliaries Gas-air, steam-air and gas-gas heaters
- Part 4-3: Boiler auxiliaries Draught plant
- Part 4-4: Boiler auxiliaries Fuel preparation equipment
- Part 4-5: Boiler auxiliaries Coal handling and bulk storage plant
- Part 4-6: Boiler auxiliaries Flue gas desulphurisation (De-SO) plant
- Part 4-7: Boiler auxiliaries Ash handling plant
- Part 4-8: Boiler auxiliaries Dust handling plant
- Part 4-9: Boiler auxiliaries Sootblowers
- Part 4-10: Boiler auxiliaries Flue gas denitrification (De-NO) plant



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