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**GUIDE FOR PROCUREMENT OF POWER
STATION EQUIPMENT - PART 2-8:
ELECTRICAL EQUIPMENT - POWER CABLES**

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Guide for procurement of power station equipment - Part 2-8: Electrical equipment - Power cables

Guide pour l'acquisition d'équipements destinés aux
centrales de production d'électricité - Partie 2-8:
Equipements électriques - Câbles de puissance

Leitfaden für die Beschaffung von Ausrüstungen für
Kraftwerke - Teil 2-8: Elektrische Ausrüstung -
Starkstromkabel

This European Standard was approved by CEN and CENELEC on 6 March 2001.

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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 or CENELEC member into its own language and notified to the CEN Management Centre has the same status as the official versions.

CEN and CENELEC members are the national standards bodies and national electrotechnical committees, respectively, of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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CONTENTS

Foreword	4
1 Scope	6
2 Normative references	6
3 Definitions	7
3.1 Organisational terms	7
3.2 Technical terms	8
3.3 General terms	8
4 Brief overall project description	9
4.1 Role and organisation of purchaser	9
4.2 Site location	9
4.3 Equipment task	9
4.4 Equipment to be purchased	9
4.5 Control and instrumentation	10
4.6 Electrical supplies and other services	10
4.7 Other interfaces	10
4.8 Project programme	10
4.9 Equipment identification systems	10
5 Extent of supply	10
6 Terminal points	11
7 Operational requirements	11
7.1 Operating environment	11
7.2 Manning levels	11
7.3 Normal operation	11
7.4 Operating hours	11
7.5 Start-up and shut-down	11
7.6 Abnormal conditions	11
7.7 Further operational requirements	11
8 Life expectancy	11
9 Performance requirements	12
10 Design and fabrication	12
10.1 Specific equipment features	12
10.2 Design justification	13
10.3 Material selection	13
10.4 Safety	13
10.5 Interchangeability	14
10.6 Fabrication methods	14
11 Maintenance requirements	14
12 Technical documentation requirements	14
12.1 Tender documentation	14
12.2 Contract documentation	14
13 Applicable legislation, regulations, standards and further requirements	14
13.1 Legislation and regulations	14
13.2 Standards	15
13.3 Further requirements	15
14 Evaluation criteria	15
14.1 General	15
14.2 Technical criteria	15

15	Quality measures	16
15.1	General	16
15.2	Approvals procedure	16
15.3	Inspection requirements	16
15.4	Non-conformity	16
16	Site factors	16
16.1	Access	16
16.2	Facilities	17
16.3	Site specific requirements	17
17	Verification of specified performance	17
17.1	General	17
17.2	Works tests	17
17.3	Tests during installation and commissioning	17
17.4	Technical conditions for trial run	17
17.5	Functional and performance tests	17
Annex A (informative)Bibliography		18
Annex B (informative)Information for selection of power cables		19

Foreword

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

This Guide for procurement has been prepared by the CEN/CENELEC Joint Task Force Power Engineering (JTFPE) of which the secretariat is held by the British Standards Institution.

The text of the draft was submitted to the formal vote and was approved by CEN and CENELEC as EN 45510-2-8 on 2001-03-06.

The following dates were fixed:

- *latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement* (dop) 2005-03-01
- *latest date by which the national standards conflicting with the EN have to be withdrawn* (dow) 2007-03-01

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 - Uninterruptible power supplies

Part 2-3: Electrical equipment - Stationary batteries and chargers

Part 2-4: Electrical equipment - High power static convertors

Part 2-5: Electrical equipment - Motors

Part 2-6: Electrical equipment - Generators

Part 2-7: Electrical equipment - Switchgear 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 desulphurization (De-SO_x) 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_x) plant

Part 5-1: Turbines - Steam turbines

Part 5-2: Turbines - Gas turbines

Part 5-3: Turbines - Wind turbines

Part 5-4: Turbines - Hydraulic turbines, storage pumps and pump-turbines

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