

IRISH STANDARD

I.S. EN 45510-5-2:1998

ICS 27.040 27.100

GUIDE FOR PROCUREMENT OF POWER
STATION EQUIPMENT - PART 5-2 : GAS
TURBINES

National Standards Authority of Ireland Glasnevin, Dublin 9 Ireland

Tel: +353 1 807 3800 Fax: +353 1 807 3838 http://www.nsai.ie

Sales

http://www.standards.ie

This Irish Standard was published under the authority of the National Standards Authority of Ireland and comes into effect on: May 15, 1998

NO COPYING WITHOUT NSAI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

© NSAI 1998

Price Code J

Údarás um Chaighdeáin Náisiúnta na hÉireann

This is a free page sample. Access the full version online.

DECLARATION

OF

SPECIFICATION

ENTITLED

GUIDE FOR PROCUREMENT OF POWER STATION EQUIPMENT - PART 5-2 : GAS TURBINES

AS

THE IRISH STANDARD SPECIFICATION FOR

GUIDE FOR PROCUREMENT OF POWER STATION EQUIPMENT - PART 5-2 : GAS TURBINES

NSAI in exercise of the power conferred by section 16 (3) of the National Standards Authority of Ireland Act, 1966 (No. 28 of 1996) and with the consent of the Minister for Enterprise, Trade and Employment, hereby declares as follows:

^{1.} This instrument may be cited as the Standard Specification (Guide for procurement of power station equipment - Part 5-2: Gas turbines) Declaration, 1998.

^{2. (1)} The Specification set forth in the schedule to this declaration is hereby declared to be the standard specification for Guide for procurement of power station equipment - Part 5-2: Gas turbines. The Schedule comprises the text of EN 45510-5-2:1998.

⁽²⁾ The said standard specification may be cited as Irish Standard EN 45510-5-2:1998 or as I.S. EN 45510-5-2:1998.

This is a free page sample. Access the full version online.

EUROPEAN STANDARD NORME EUROPÉENNE **EUROPÄISCHE NORM**

EN 45510-5-2

January 1998

ICS 27.040; 27.100

Descriptors: electric power stations, turbines, purchase, user supplier relations, invitation of tenders, specifications,

technical writing

English version

Guide for procurement of power station equipment - Part 5-2: Gas turbines

Guide pour l'acquisition d'équipements destinés aux centrales de production d'électricité - Partie 5-2: Turbines à combustion

Leitfaden für die Beschaffung von Ausrüstungen für Kraftwerke - Teil 5-2: Gasturbinen

This European Standard was approved by CEN/CENELEC on 11 December 1997.

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.





CEN Central Secretariat: rue de Stassart, 36 B-1050 Brussels

CENELEC Central Secretariat: rue de Stassart, 35 B-1050 Brussels

Page 2 EN 45510-5-2:1998

Contents	age
Foreword	4
1 Scope	6
2 Normative references	6
3 Definitions	7
3.1 Organisational terms	
3.2 Technical terms	
3.3 General terms Page	
4 Brief overall project description	9
4.1 Role and organisation of purchaser	
4.2 Site location	9
4.3 Equipment task	
4.4 Equipment to be purchased	
4.5 Control and instrumentation	
4.6 Electrical supplies and other services	10
4.7 Other interfaces	10
4.8 Project programme	10
4.9 Equipment identification systems	11
5 Extent of supply	11
6 Terminal points	. 12
7 Operational requirements	12
7.1 Operating environment	
7.2 Manning levels	
7.3 Normal operation	
7.4 Operating hours	
7.5 Start-up and shut-down	
7.6 Abnormal conditions	
7.7 Further operational requirements	14
1 ,	. 14
8.1 Design life	14
8.2 Components requiring periodic maintenance	14
9 Performance requirements	14
9.1 Duty	
9.2 Performance	
9.3 Equipment margins.	
9.4 Availability	
9.5 Levels of component redundancy	
9.6 Further performance requirements	
10 Design and fabrication	16
10.1 Specific equipment features	16
10.2 Design justification.	
10.3 Material selection.	
10.4 Safety	
10.5 Interchangeability	
10.6 Fabrication methods.	
10.0 aprication methods	121



The is a new provider i arenade and chare publication at the limit below	This is a free preview.	Purchase the	entire publication	at the link below:
--	-------------------------	--------------	--------------------	--------------------

Product Page

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation