

Gas turbines — Procurement —

Part 7: Technical information

ICS 27.040

National foreword

This British Standard reproduces verbatim ISO 3977-7:2002 and implements it as the UK national standard.

The UK participation in its preparation was entrusted to Technical Committee MCE/16, Gas turbines, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

Cross-references

The British Standards which implement international publications referred to in this document may be found in the *BSI Catalogue* under the section entitled “International Standards Correspondence Index”, or by using the “Search” facility of the *BSI Electronic Catalogue* or of British Standards Online.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

This British Standard, having been prepared under the direction of the Engineering Sector Policy and Strategy Committee, was published under the authority of the Standards Policy and Strategy Committee on 25 September 2002

Summary of pages

This document comprises a front cover, an inside front cover, the ISO title page, pages ii and iii, a blank page, pages 1 to 16, an inside back cover and a back cover.

The BSI copyright date displayed in this document indicates when the document was last issued.

Amendments issued since publication

Amd. No.	Date	Comments

© BSI 25 September 2002

ISBN 0 580 40410 2

INTERNATIONAL STANDARD

ISO
3977-7

First edition
2002-07-01

Gas turbines — Procurement — **Part 7:** **Technical information**

Turbines à gaz — Spécifications pour l'acquisition —
Partie 7: Informations techniques



Reference number
ISO 3977-7:2002(E)

AVA **Documents**
Document Sharing Hub

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this part of ISO 3977 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 3977-7 was prepared by Technical Committee ISO/TC 192, *Gas turbines*.

ISO 3977 consists of the following parts, under the general title *Gas turbines — Procurement*:

- *Part 1: General introduction and definitions*
- *Part 2: Standard reference conditions and ratings*
- *Part 3: Design requirements*
- *Part 4: Fuels and environment*
- *Part 5: Applications for petroleum and natural gas industries*
- *Part 7: Technical information*
- *Part 8: Inspection, testing, installation and commissioning*
- *Part 9: Reliability, availability, maintainability and safety*

Annex A of this part of ISO 3977 is for information only.

Gas turbines — Procurement —

Part 7: Technical information

1 Scope

This part of ISO 3977 specifies the information that needs to be submitted during the proposal and contract stages of a project for the entire scope of supply for which the packager will assume technical and contractual responsibility.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 3977. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 3977 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 3977-1:1997, *Gas turbines — Procurement — Part 1: General and definitions*

ISO 3977-3:2002, *Gas turbines — Procurement — Part 3: Design requirements*

ISO 3977-4:2002, *Gas turbines — Procurement — Part 4: Fuels and environment*

ISO 11086:1996, *Gas turbines — Vocabulary*

3 Terms and definitions

For the purposes of this part of ISO 3977, the terms and definitions given in ISO 3977-1, ISO 3977-3, ISO 3977-4 and ISO 11086 apply.

4 Packagers' data

4.1 General

Prior to issuing the enquiry specification, the purchaser shall complete data sheets (see examples in ISO 3977-3:2002, annex A) and Packager Documentation Requirements (see an example in annex A of this part of ISO 3977).

While the data sheets in ISO 3977-3 are intended to convey the scope during the procurement stage, the data sheets within the Packager Documentation Requirements may be used to increase the level of information needed by the purchaser.

The Packager Documentation Requirements complement the data sheets in ISO 3977-3 and define what other documentation the purchaser may require during the execution of the contract. They confirm whether the requested documents, drawings or data are for review or information.

The packager shall provide the purchaser with the required specified number of copies of the proposal to the address stated in the enquiry document.

NOTE 1 The exchange of documentation by EDI (Electronic Data Interchange) may be considered as an effective alternative means of transmitting data between contracting parties.

NOTE 2 Within annex A there is a 'Document Management Specification' which clearly states the purpose and type of information that the generic headings and document codes are attempting to define.

4.2 Site-specific conditions

4.2.1 General

The proposal shall contain, as a minimum, all the data identified as category 2 and located within the proposal column in the project specific Packager Documentation Requirements derived from annex A for the project. It shall also be in compliance with the enquiry specification.

The packager shall provide sufficient detail for the purchaser to evaluate the proposal. All deviations and exceptions to the specification shall be specifically identified.

4.2.2 Coordination

Coordination data exchanged between the packager and purchaser will typically include category 2 documents identified in the Packager Documentation Requirements.

4.2.3 Performance data

The purchaser shall specify to the packager the performance data needed for the specific application to be provided by identifying the document type and category code within the Packager Documentation Requirements example in annex A.

4.2.4 Technical requirements

The packager shall furnish the purchaser with all technical data in accordance with the project-specific Packager Documentation Requirements derived from the example in annex A.

4.3 Contract documentation

4.3.1 General

Documentation required to be submitted during the contract shall similarly be identified on the Packager Documentation Requirements example in annex A and developed and agreed by the packager and purchaser prior to contract award. Each drawing, document or data sheet shall at least have, in the lower right-hand corner, a title block, with date of certification/issue, revision number, date and title. In addition, the document code, sequence number and sheet number consistent with the Packager Documentation Requirements shall be included for cross reference to the Packagers' Data Schedule (see document code A001).

Document code A001 is a dynamic document which shall be updated at regular intervals during the contract and shall be provided for information. It shall be a comprehensive list of all documents to be submitted during the contract by the packager. This list shall contain fields of data containing titles, drawing numbers and a schedule for transmission of all the documents. The Packager Documentation Requirements shall indicate which document codes are for information or review.