IS 15666 (Part 9) : 2006
ISO 3977-9 : 1999

(PREVIEW)

Indian Standard

GAS TURBINES — PROCUREMENT

PART 9 RELIABILITY, AVAILABILITY, MAINTAINABILITY AND SAFETY

1 Scope

The purpose of this part of ISO 3977 is to provide a basis for exchange of information about reliability, availability, maintainability and safety between gas turbine manufacturers, users, consultants, regulatory bodies, insurance companies and others. It defines terms and definitions used within this part of ISO 3977 and also describes component life expectancy, repairs and criteria for determining overhaul intervals.

This part of ISO 3977 is applicable to all elements of the gas turbine, especially, but not limited to, the following:

- compressor
- tubine
- combustion system
- intercooler
- regenerator or recuperator
- air ducting system
- exhaust ducting system
- air intake system
- control system
- fuel system
- lubrication system
- cooling water system
- rotor bearings
- gears
- coupling
- starting equipment
- baseplate/foundation
- enclosures and ventilation system.

2 Normative reference

The following normative document contains provisions which, through reference in this text, constitute provisions of this part of ISO 3977. For dated references, subsequent amendments to, or revisions of, this publication 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 edition of the normative document 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 2314:1989, Gas *turbines — Acceptance tests.*