

(PREVIEW)

# **Indian Standard**

## **GAS TURBINES — PROCUREMENT**

### **PART 8 INSPECTION, TESTING, INSTALLATION AND COMMISSIONING**

#### **1 Scope**

This part of ISO 3977 states the principles for systems and procedures to assure the integrity of a packager's product and services.

It gives guidance on the inspection, testing, installation and commissioning required for the package and packaged equipment. It outlines the responsibilities between the purchaser and packager for inspection, coordination, reporting and recording.

#### **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 2314:1989, *Gas turbines — Acceptance tests*

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

ISO 3977-2:1997, *Gas turbines — Procurement — Part 2: Standard reference conditions and ratings*

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

ISO 3397-4:2002, *Gas turbines — Procurement — Part 4: Fuels and environment*

ISO 4406:1999, *Hydraulic fluid power — Fluids — Method for Coding the level of contamination by solid particles*

ISO 6190:1988, *Acoustics — Measurement of sound pressure levels of gas turbine installations for evaluating environmental noise — Survey method*

ISO 10442:—<sup>1)</sup>, *Petroleum, chemical and gas service industries — Packaged, integrally geared centrifugal air compressors for general refinery service*

ISO 11042-1:1996, *Gas turbines — Exhaust gas emission — Part 1: Measurement and evaluation*

ISO 11086:1996, *Gas turbines — Vocabulary*

ISO 13709:—<sup>1)</sup>, *Centrifugal pumps for petroleum, petrochemical, and natural gas industries*

ISO 13691:2001, *Petroleum and natural gas industries — High-speed special-purpose gear units*

IEC 60034-1:1983, *Rotating electrical machines — Part 1: Rating and performance*

IEC 60034-4:1985; *Rotating electrical machines — Part 4: Methods for determining synchronous machine quantities from tests*