

(PREVIEW)

Indian Standard

GAS TURBINES — PROCUREMENT

PART 4 FUELS AND ENVIRONMENT

1 Scope

This part of ISO 3977 provides guidelines for procurement of gas turbines with consideration of the fuel quality and of the environmental performance. Guidance is given to both the packager and purchaser on what information should be provided with regard to the fuel used by a gas turbine, and with regard to the type of information necessary to quantify the expected environmental impact. Fuel specifications are referenced but not provided.

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 introduction and definitions*

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

ISO 4261 : 1993, *Petroleum products — Fuels (class F) — Specification of gas turbine fuels for industrial and marine applications*

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

ISO 10494 : 1993, *Gas turbines and gas turbine sets — Measurement of emitted airborne noise - Engineering/survey method*

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

ISO 11042-2 : 1996, *Gas turbines — Exhaust gas emission — Part 2: Automated emission monitoring*

ISO 11086 : 1996, *Gas turbines — Vocabulary*