(PREVIEW)

Indian Standard
GAS TURBINES — PROCUREMENT
PART 5 APPLICATIONS FOR PETROLEUM AND NATURAL GAS INDUSTRIES

1 Scope

This part of ISO 3977 specifies requirements and gives recommendations for the design, materials, fabrication, inspection, testing and preparation for shipment of packaged gas turbines for use in drilling, production, refining and the transport by pipelines of petroleum and natural gas. It is applicable to the procurement of gas turbines and gas turbine systems, including gas turbines for combined cycle systems, and their auxiliaries by a purchaser from a packager.

This part of ISO 3977 is not intended to deal with local or national legislative requirements to which the installation may be required to conform.

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, *Gas turbines — Procurement — Part 1: General introduction and definitions*

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

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

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

ISO 3977-7, *Gas turbines — Procurement — Part 7: Technical information*

ISO 3977-8, Gas turbines — *Procurement — Part 8: Inspection, testing, installation* and *commissioning*

ISO 3977-9, *Gas turbines — Procurement — Part 9: Reliability availability maintainability and safety*

ISO 11086, *Gas turbines — Vocabulary*