

(PREVIEW)

Indian Standard

GAS TURBINES — DATA ACQUISITION AND TREND MONITORING SYSTEM REQUIREMENTS FOR GAS TURBINE INSTALLATIONS

1 Scope

This International Standard applies to data-acquisition and trend-monitoring systems for gas turbine installations and associated systems. It classifies and defines monitoring systems and their technical terms. It establishes a system for conversion and validation of measured quantities in order to enable a comparison of the various systems, their features and their performances.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

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

ISO 13373-1 : 2002, *Condition monitoring and diagnostics of machines — Vibration condition monitoring — Part 1: General procedures*