

(PREVIEW)
Indian Standard
STEAM TURBINE
PART 1 SPECIFICATION

1. Scope and object

This part of International Standard IEC 45 is applicable primarily to steam turbines driving generators for electrical power services. Some of its provisions are relevant to turbines for other applications.

The purpose of this part is to make an intending purchaser aware of options and alternatives which he may wish to consider, and to enable him to state his technical requirements clearly to potential suppliers.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 651:1979, Sound level meters.

IEC 953-1:1990, Rules for steam turbine thermal acceptance tests - Part 1: Method A.

IEC 953-2:1990, Rules for steam turbine thermal acceptance tests - Part 2: Method B.

ISO 2372: 1974, Mechanical vibration of machines with operating speeds from 10 to 200 rev/s. Basis for specifying evaluation standards.

ISO 7919-1:1986, Mechanical vibration of non-reciprocating machines - Measurements on rotating shafts and evaluation - Part 1: General guidelines.