

(PREVIEW)

## *Indian Standard*

# **SHUNT CAPACITORS FOR a.c. POWER SYSTEMS HAVING A RATED VOLTAGE ABOVE 1 000 V**

### **PART 2 ENDURANCE TESTING**

#### **1.1 Scope and object**

This technical specification applies to capacitors according to IEC 60871-1 and gives the requirements for overvoltage cycling and ageing tests of these capacitors.

#### **1.2 Normative references**

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of IEC 60871. 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 IEC 60871 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 IEC and ISO maintain registers of currently valid International Standards,

IEC 60871-1:1997, Shunt capacitors for a.c. power systems having a rated voltage above 1 000 V — Part 1: General — Performance, testing and rating — Safety requirements — Guide for installation and operation

IEC 60996:1989, Method for verifying accuracy of tan delta measurements applicable to capacitors