

S07ADSCOMa10

1.1 Scope

This standard applies to alternating current switchgear, designed for both indoor and outdoor installation and for operation at service frequencies up to and including 60 Hz on systems having voltages above 1000 V.

Application of this standard shall be indicated by normative reference to C37.100.1-20xx in the relevant equipment standard on a section or clause-by-clause basis. Refer to Annex A. The inclusion of this standard as a normative reference shall not imply that all of the requirements contained herein apply as a default. In the absence of a normative reference, this standard shall be considered informative only¹. In case of a conflict in requirements, the requirements of the relevant equipment standard shall prevail.

Scope broken Down:

- Applies to alternating current switchgear, designed for both indoor and outdoor installation
- Application shall be indicated by normative reference to C37.100.1-2007
 - in the relevant equipment standard
 - on a section or clause-by-clause basis
- Normative reference shall not imply that all of the requirements contained herein apply as a default.
- In the absence of a normative reference, this standard shall be considered informative only
- In case of a conflict in requirements, the relevant equipment standard shall prevail.

Footnote: This standard cannot be applied retroactively to an existing relevant equipment standard.

List of normative references

1.2 Normative references

IEEE Std 1125TM, IEEE Guide for Moisture Measurement and Control in SF₆ Gas-Insulated Equipment
IEEE Std 4TM, IEEE Standard Techniques for High Voltage Testing.
IEEE Std 4aTM, Amendment to IEEE Standard Techniques for High Voltage Testing

Examples of a normative reference

5.2 Requirements for gases in switchgear

Adequate correction shall be made for measurement made at other temperatures. For the measurement and determination of the dew point, refer to IEEE Std 1125....

4.9 Rated supply frequency of closing and opening devices and auxiliary circuits

Subclause 4.9 of IEC 60694 is applicable.

