ANSI C12.11-2006 (R2019)

American National Standard for Instrument Transformers for Revenue Metering 10 kV BIL through 350 kV BIL (0.6 kV NSV through 69 kV NSV)

Secretariat:

National Electrical Manufacturers Association

Approved September 23, 2019

American National Standards Institute, Inc.

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Foreword (This Foreword is not part of American National Standard C12.11-2006 (R2014).)
This Standard was developed by the Accredited Standards Committee on Electricity Metering, C12, for full consensus approval as an American National Standard. This revised edition supersedes ANSI C12.11-1987.

The new edition differs from the previous one in both technical and editorial content. Besides several minor revisions, technical changes include: increased focus on Current Transformer Rating Factors when ambient temperature is not 30 °C, and revisions to Rating Factor and Burden & Accuracy performance to fit established industry practice. Editorial revisions included the redrawing of all figures.

This Standard provides recommended minimum requirements for current and voltage transformers used for electricity metering. It is to be used in conjunction with the latest revision of IEEE C57.13 and IEEE Std C57.13.6™.

Comments on Standards and requests for interpretations should be addressed to Senior Technical Director, Operations, National Electrical Manufacturers Association, 1300 North 17th Street, Suite 900, Rosslyn, Virginia, 22209.

This Standard was processed and approved for submittal to ANSI by Accredited Standards Committee on Electricity Metering C12. Committee approval of the Standard does not necessarily imply that all committee Members voted for its approval. At the time of its approval, the C12 Committee had the following Members:

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1 Scope

This Standard covers the general requirements, metering accuracy, thermal ratings, and dimensions applicable to current transformers and inductively coupled voltage transformers for revenue metering, 10 kV basic lightning impulse insulation level (BIL) through 350 kV BIL for 0.6 kV nominal system voltage (NSV) through 69 kV NSV.