

American National Standard

guide for installation of oil-immersed transformers (10 MVA and larger, 69-287 kV rating)

ANSI/IEEE C57.12.11-1980



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(Revision of IEEE Std 283-1968)

An American National Standard

**IEEE Guide for Installation of
Oil-Immersed Transformers
(10 MVA and Larger,
69–287 kV Rating)**

Sponsor

**Transformers Committee of the
IEEE Power Engineering Society**

Approved May 29, 1975

IEEE Standards Board

Secretariat

**National Electrical Manufacturers Association
Institute of Electrical and Electronics Engineers**

Approved May 9, 1980

American National Standards Institute

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Foreword

(This Foreword is not a part of ANSI/IEEE C57.12.11-1980, An American National Standard, IEEE Guide for Installation of Oil-Immersed Transformers (10 MVA and Larger, 69–287 kV Rating.)

In the mid 1960s, a need was felt for a guide for installation of large transformers. The industry trend to larger capacity transformers and reduced BIL pointed up the need to reconcile the widely disparate practices that had grown and developed among the various utilities. This was particularly true with respect to vacuum treatment.

The West Coast Subcommittee of the IEEE Transformers Committee asked for and received the assignment to write such a guide. Under the chairmanship of L. A. Kenoyer, a proposed guide was written and published for trial use in 1968 as IEEE Std 283. That standard received general acceptance and some suggestions for improvement. ANSI/IEEE C57.12.11-1980 is a revision of IEEE Std 283-1968 and was accepted and approved as a standard by the IEEE Standards Board in 1975 and in 1980 by ANSI.

Suggestions for improvement gained in the use of this standard will be welcome. They should be sent to:

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This standard was developed by a working group of the West Coast Transformer subcommittee of the IEEE Transformers Committee of the IEEE Power Engineering Society which at the time of approval had the following membership:

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