NEMA Standards Publication

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Standard for Transformers, Step Voltage Regulators and Reactors

National Electrical Manufacturers Association

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Transformers, Step Voltage Regulators and Reactors

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FOREWORD

This foreword is not part of NEMA TR1-2013 Transformers, Step Voltage Regulators, and Reactors.

The Standards appearing in this publication have been developed by the Transformer Section and have been approved for publication by the National Electrical Manufacturers Association. They are used by the electrical industry to promote production economies and to assist users in the proper selection of transformers.

The Transformer Section is working actively with the IEEE Committee, C57 on Transformers, Regulators, and Reactors, in the development, correlation, and maintenance of national Standards for transformers. This Committee operates under the procedures both the American National Standards Institute (ANSI) and the Institute of Electrical and Electronics Engineers (IEEE).

It is the policy of the NEMA Transformer Section to remove material from the NEMA Standards publication as it is adopted and published in the IEEE C57 series Standards. The NEMA Standards publication for Transformers, Regulators, and Reactors references these and other American National Standards applying to transformers and is intended to supplement without duplication both the American National and IEEE Standards.

The NEMA Standards publication for transformers, regulators, and reactors contains a provision for the following:

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Megan Hayes, Technical Director, Operations
National Electrical Manufacturers Association
1700 13th Street, Suite 900
Rosslyn, VA 22209

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Scope

This Standards publication applies to single phase and polyphase power and distribution transformers (including step-voltage regulators and reactors). This Standard excludes dry type transformers covered by NEMA ST20. This publication provides a reference list of applicable ANSI and IEEE C57 Standards.

In addition, this publication includes certain NEMA Standard test methods, test codes, properties, etc. of liquid-immersed transformers, step-voltage regulators, and reactors that are not IEEE Standards.