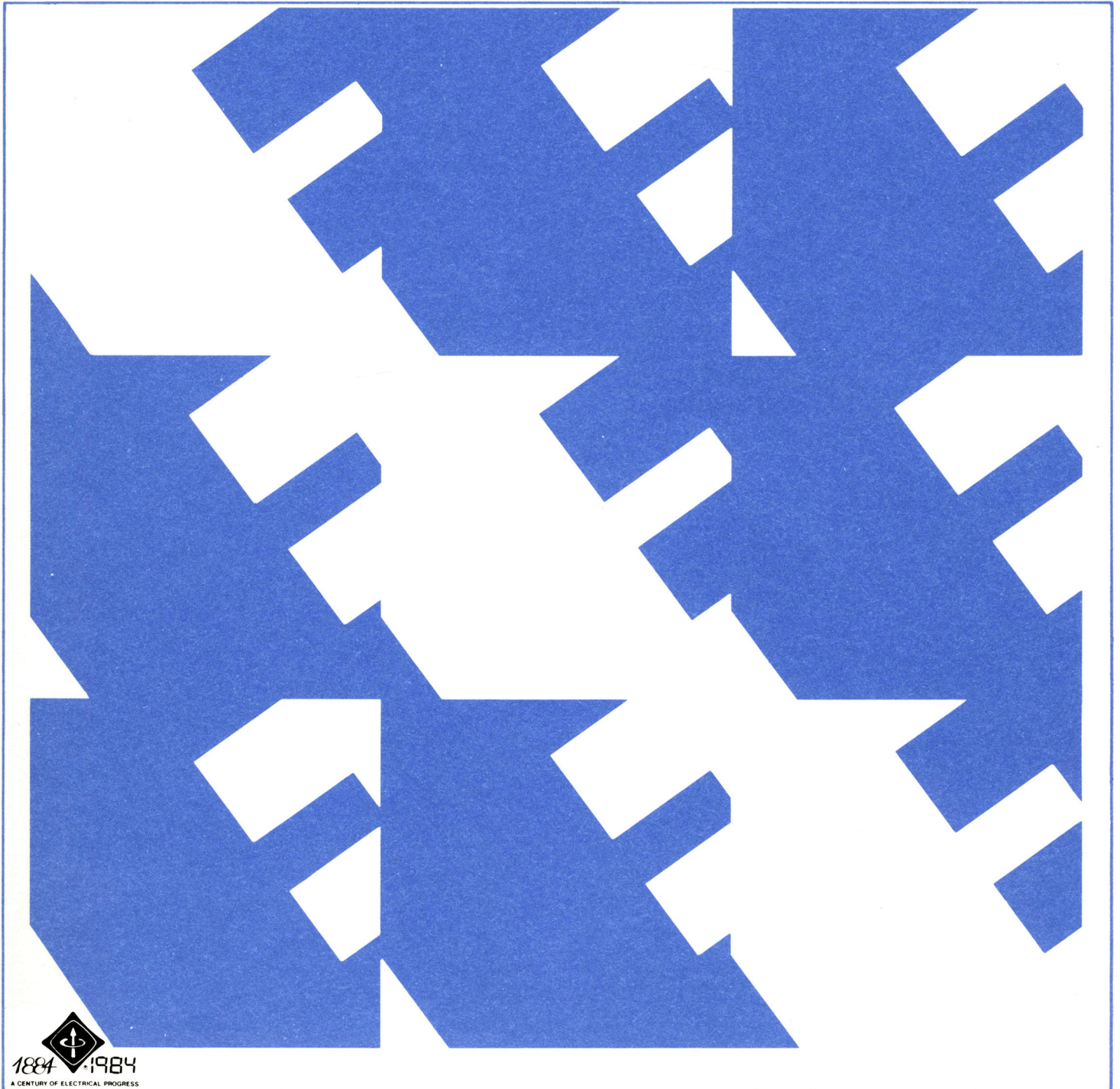


IEEE Standard for Qualifying Permanent Connections Used in Substation Grounding



IEEE Std 837-1984



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IEEE Standard for Qualifying Permanent Connections Used in Substation Grounding

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Foreword

(This Foreword is not a part of IEEE Std 837-1984, IEEE Standard for Qualifying Permanent Connections Used in Substation Grounding.)

This standard has been written to fill a need for standardization of terminology and test requirements for permanent grounding connections.

Many types of connectors are available which may be used as a permanent grounding connection even though they were designed for use as a power connector. This standard has been written to provide a meaningful reproducible test program which will enable connector manufacturers to qualify their products as permanent grounding connections. The users can then be reasonably ensured that the qualified permanent grounding connection will be capable of performing satisfactorily over the lifetime of the substation or other installation.

This issue addresses only the parameters for testing grounding connections on copper and copper-clad steel. Future revisions of this standard will include testing procedures for other materials.

Comments, corrections, and suggestions for the next revision of this standard are welcome and should be submitted to the

Secretary
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The work of preparing this standard was carried out by Working Group 80.1 of the Distribution Substation Subcommittee, IEEE Substations Committee of the IEEE Power Engineering Society. At the time this standard was approved the members of the working group were:

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