

Dead-end/suspension composite insulators for overhead lines ≤ 75 kV



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Update No. 1

C411.5-10

August 2011

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Title: *Dead-end/suspension composite insulators for overhead lines ≤ 75 kV* — originally published March 2010

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Revised	Outside front cover and title page
New	National Standards of Canada text
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(National Standards of Canada text inserted August 2011)

National Standard of Canada
(approved August 2011)

CAN/CSA-C411.5-10
Dead-end/suspension composite insulators
for overhead lines ≤ 75 kV

Prepared by



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Standards Council of Canada



Published in March 2010 by Canadian Standards Association
A not-for-profit private sector organization
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ISBN 978-1-55491-401-2

Technical Editor: Tania Donovska

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CSA Standards Update Service

C411.5-10

March 2010

Title: *Dead-end/suspension composite insulators for overhead lines ≤ 75 kV*

Pagination: **57 pages** (vii preliminary and 50 text), each dated **March 2010**

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C411.5-10

***Dead-end/suspension composite insulators
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Technical Editor: Tania Donovska

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T. Donovska	Canadian Standards Association, Mississauga, Ontario	<i>Project Manager</i>

The Technical Committee wishes to acknowledge the role played by R. Martin as Chair of the Technical Committee during the development of this Standard.

Preface

This is the first edition of CSA C411.5, *Dead-end/suspension composite insulators for overhead lines ≤ 75 kV*.

This Standard is based on the requirements of Canadian Electricity Association (CEA) LWIWG-01 (96), *Dead-End/Suspension Composite Insulator for Overhead Distribution Lines* (used with permission from CEA).

CSA C411.5 covers the requirements for dead-end/suspension composite insulators used on overhead distribution lines. Its main objective is to define terms, prescribe test methods, and specify acceptance or failure criteria. [Clauses 4 to 8](#) specify the material, product qualification, construction, and test requirements applicable to these insulators. Annexes D, E, and F provide examples of design, type, and sample/routine test reports.

The co-operation of CEA and the contribution of its members are gratefully acknowledged. Funding in support of the preparation of this Standard was provided by CEA.

This Standard was prepared by the Technical Committee on Insulators, under the jurisdiction of the Strategic Steering Committee on Power Engineering and Electromagnetic Compatibility, and has been formally approved by the Technical Committee. It will be submitted to the Standards Council of Canada for approval as a National Standard of Canada.

March 2010

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