



O5.1.2008

**WOOD POLES –
SPECIFICATIONS & DIMENSIONS**

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American National Standard for Wood Poles and Wood Products

**WOOD POLES –
SPECIFICATIONS & DIMENSIONS**

Secretariat

American Wood Protection Association

Approved September, 2008

American National Standards Institute, Inc.

Abstract

Consists of specifications and dimensions for wood utility poles that are to be given preservative treatment as specified by the purchaser. The poles described are considered as simple cantilever members subject to transverse loads only. Requirements for the preservative treatment of poles are not included although the effects of conditioning are accounted for.

FOREWORD

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This standard was developed by Accredited Standards Committee O5 on Specifications for Wood Poles (ASC O5) under the sponsorship of the American Wood Protection Association (AWPA). This committee was organized in December 1924 and has produced revisions of this pole specification from time to time as required or deemed beneficial. This standard supersedes American National Standard O5.1-2002.

Suggestions for improvement of this standard will be welcome. They should be sent to ASC O5 Secretariat, c/o AWPA P. O. Box 361784 Birmingham AL 35236 <www.awpa.com>.

This standard was processed and approved for submittal to ANSI by Accredited Standards Committee O5 on Specifications for Wood Poles. Committee approval of the standard does not necessarily imply that all committee members voted for its approval.

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Steve Kracht	Western Red Cedar Pole Association
Randy Baileys	Western Wood Preservers Institute
Stephen F. Smith	Western Wood Preservers Institute
Craig Fohlich	Wood Preservation Canada
Henry Walther	Wood Preservation Canada

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American National Standard for Wood Poles and Wood Products –

Specifications & Dimensions

1 SCOPE & GENERAL REQUIREMENTS

1.1 Scope

This standard provides minimum specifications for the quality and dimensions of wood poles that are to be used as single-pole utility structures. The poles described herein are considered as simple cantilever members subject to transverse loads only. Fiber strength values, provided as a basis for determining pole class sizes, apply only to poles that meet or exceed the minimum quality specifications.

Requirements for the preservative treatment of poles are outside the scope of this standard. However, where such treatment or conditioning may affect strength, limitations are provided in section 5.1.2. [See also standards such as those published by American Wood Protection Association (AWPA) and ASTM].

1.2 General requirements

The species, the length, and class of poles; the type of treatment (including seasoning details, if seasoning is desired); aids to penetration such as incising, groundline boring, or kerfing; and complete details for roofing, galling, boring, and branding not included in this standard shall be given in purchase orders.

Complete detailed instructions shall be given to the supplier whenever the requirements of this standard are modified to meet special conditions.

2 NORMATIVE REFERENCES

The standards listed below contain provisions which, through reference in this text, constitute provisions of this American National Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, therefore users of this standard are encouraged to investigate the possibility of applying the most recent editions of the standards.

ASC-C2-2007, *National electrical safety code*.¹

AWPA Standard M6-07, *Brands used on forest products*.²

ASTM D9-05, *Standard terminology relating to wood*.³

Wood Preservation Statistics, Forest Service, U.S. Department of Agriculture, 1973.⁴

¹ Available from < <http://shop.ieee.org/store> >.

² Available from < <http://www.awpa.com> >.

³ Available from < <http://www.astm.org> >.