

Wood poles for overhead lines — Strength grading criteria

The European Standard EN 12510:2001 has the status of a
British Standard

ICS 79.080; 29.240.99

National foreword

This British Standard is the official English language version of EN 12510:2001, including Corrigendum July 2002.

The UK participation in its preparation was entrusted by Technical Committee B/518, Structural timber, to Subcommittee B/518/5, Wood poles for power and telecommunications, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

Cross-references

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English version

Wood poles for overhead lines - Strength grading criteria

Poteaux en bois pour lignes aériennes - Critères de
classement de la résistance

Holzmasse für Freileitungen - Kriterien zur
Festigkeitssortierung

This European Standard was approved by CEN on 18 October 2001.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 124 "Structural timber", the secretariat of which is held by DS.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2002, and conflicting national standards shall be withdrawn at the latest by June 2002.

This standard includes an informative annex A.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

This standard is one of five standards covering requirements for visual or machine grading, test methods, determination of characteristic values, methods of specifying durability and sizes.

There are many different visual strength grading rules for timber in use in Europe. These have come into existence to allow for:

- different species or groups of species;
- geographic origin;
- different dimensional requirements;
- varying requirements for different uses;
- the quality of material available;
- historic influences or traditions.

Because of the diversity of existing standards for wood poles for overhead lines in use in different countries it is currently impossible to lay down a single set of acceptable visual grading rules for all member states.

This standard on visual grading rules therefore gives basic principles which shall be followed when drawing up regional, national, local or buyer requirements for some characteristics and sets limits for others.

In laying down visual grading rules two main factors should be borne in mind:

- they should clearly define and limit the strength affecting characteristics in poles so that buyers shall have a very high confidence that poles supplied meet the required characteristic strength value;
- the rules and the text should be easily understood and be capable of implementation by grading personnel.

Examples of standards currently in use and which meet these principles are listed in annex A (informative).