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Conservation of cultural heritage - Guidelines for design of showcases for exhibition and preservation of objects - Part 1: General requirements

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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**Conservation of cultural heritage - Guidelines for design of
showcases for exhibition and preservation of objects - Part 1:
General requirements**

Conservation des biens culturels - Guide pour la gestion
des conditions environnementales - Recommandations
pour les vitrines destinées à exposer et préserver des biens
culturels - Partie 1: Exigences générales

Erhaltung des kulturellen Erbes - Leitfaden für die
Konstruktion von Schauvittrinen zur Ausstellung und
Erhaltung von Objekten - Teil 1: Allgemeine Anforderungen

This European Standard was approved by CEN on 4 January 2014.

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 CEN-CENELEC 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 CEN-CENELEC Management Centre has the same status as the official versions.

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Foreword

This document (EN 15999-1:2014) has been prepared by Technical Committee CEN/TC 346 “Conservation of Cultural Heritage”, the secretariat of which is held by UNI.

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of an identical text or by endorsement, at the latest by September 2014, and conflicting national standards shall be withdrawn at the latest by September 2014.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

EN 15999, *Conservation of cultural heritage - Guidelines for design of showcases for exhibition and preservation of objects*, consists of the following parts:

- *Part 1: General requirements;*
- *Part 2: Technical requirements.*

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

The main purpose of a showcase is to reduce the risk of physical damage (e.g. theft, vandalism, natural disasters) and to improve the control of environmental parameters (relative humidity, air temperature, dust, pollutants and light) to cultural heritage objects.

Better knowledge of the material properties of cultural heritage objects and their interaction with the environment is leading to better preservation. In light of this new knowledge, and in order to prevent risk of decay related to the exhibitions, the showcase is a useful tool to preserve and protect objects.

With increasing development of cultural tourism, the number of exhibitions and visitors are likely to continue to grow and place greater burdens on cultural heritage objects.

The complexity and the number of variables and their possible incidence require the use of a showcase, adapted to the object and the environment where the showcase is situated. A badly constructed or selected showcase can in some circumstances make conditions worse for the object.

The design of showcases need to take account of the shared views of all relevant members of an exhibition team, including for example curators, conservators, scientists, architects, graphic designers, lighting experts and other decision makers.

This European Standard will consist of the following parts:

- *Conservation of cultural heritage — Guidelines for design of showcases for exhibition and preservation of objects — Part 1: General instructions*
- *Conservation of cultural heritage — Guidelines for design of showcases for exhibition and preservation of objects — Part 2: Technical aspects*

1 Scope

This European Standard specifies the characteristics and the conditions for use of showcases for safe and secure display of cultural heritage objects, reducing environmental interaction and complying with the requirements for better preservation.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 15898:2011, *Conservation of cultural property - Main general terms and definitions*

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