



# SLOVENSKI STANDARD

## SIST EN 16489-2:2015

01-februar-2015

---

### Strokovne storitve v solarijih - 2. del: Zahtevane kvalifikacije in kompetence svetovalcev v solarijih

Professional indoor UV exposure services - Part 2: Required qualification and competence of the indoor UV exposure consultant

Professionelle Dienstleistungen in Sonnenstudios - Teil 2: Erforderliche Qualifikation und Kompetenz der Sonnenstudio-Fachkraft

Services professionnels de bronzage en cabine - Partie 2: Qualification et compétences requises pour les conseillers en bronzage en cabine

<https://standards.iteh.ai/catalog/standards/sist/7199fadd-88c2-44f4-88ff-53ead9fc4682/sist-en-16489-2-2015>

Ta slovenski standard je istoveten z: EN 16489-2:2014

---

#### **ICS:**

03.080.30	Storitve za potrošnike	Services for consumers
03.100.30	Vodenje ljudi	Management of human resources

**SIST EN 16489-2:2015**

**en,fr,de**

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN 16489-2:2015

<https://standards.iteh.ai/catalog/standards/sist/7199fadd-88c2-44f4-88ff-53ead9fc4682/sist-en-16489-2-2015>

EUROPEAN STANDARD

EN 16489-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2014

ICS 03.080.30

English Version

## Professional indoor UV exposure services - Part 2: Required qualification and competence of the indoor UV exposure consultant

Services professionnels de bronzage en cabine - Partie 2:  
Qualification et compétences requises pour les conseillers  
en bronzage en cabine

Professionelle Dienstleistungen in Sonnenstudios - Teil 2:  
Erforderliche Qualifikation und Kompetenz der  
Sonnenstudio-Fachkraft

This European Standard was approved by CEN on 25 October 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.

CEN members are the national standards bodies of 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 United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

<b>Contents</b>		<b>Page</b>
Foreword.....		3
Introduction .....		4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	5
4	Knowledge and skills .....	6
5	Competence .....	6
6	Qualification .....	6
7	Continual learning .....	6
Annex A (informative) A-deviations.....		7
Bibliography.....		9

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN 16489-2:2015](https://standards.iteh.ai/catalog/standards/sist/7199fadd-88c2-44f4-88ff-53ead9fc4682/sist-en-16489-2-2015)

<https://standards.iteh.ai/catalog/standards/sist/7199fadd-88c2-44f4-88ff-53ead9fc4682/sist-en-16489-2-2015>

## Foreword

This document (EN 16489-2:2014) has been prepared by Technical Committee CEN/TC 412 "Project Committee - Indoor sun exposure services", the secretariat of which is held by ASI.

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 2015, and conflicting national standards shall be withdrawn at the latest by June 2015.

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 16489, Professional indoor UV exposure services, consists of three parts:

- Part 1: Requirements for the provision of training;
- Part 2: Required qualification and competence of the indoor UV exposure consultant;
- Part 3: Requirements for the provision of services.

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.

(standards.iteh.ai)

SIST EN 16489-2:2015

<https://standards.iteh.ai/catalog/standards/sist/7199fadd-88c2-44f4-88ff-53ead9fc4682/sist-en-16489-2-2015>

## Introduction

Over the years, the quality and safety of indoor tanning devices - without which a tanning centre cannot operate – has improved substantially. This is especially the case since the publication of EN 60335-2-27:2010, which limits the erythemal irradiation to 0,3 W/m<sup>2</sup>. This is based on the conclusions of a “Scientific Committee on Consumer Products” report of the European Commission on the “Biological effects of ultraviolet radiation relevant to health with particular reference to sunbeds for cosmetic purposes”, published in 2006 [1] .

On the other hand, the safe use of commercially offered indoor tanning appliances is critically dependent on the way the service is provided. Particularly important is the way in which potential consumers are informed about the proper use of tanning appliances taking into account the personal characteristics of the consumer, in order to minimize the risk of skin cancer and other adverse effects of UV radiation. Together with Part 1 and 3 this European Standard contributes to further strengthening consumer information, protection and safety with regard to commercially offered indoor tanning services, by defining the competence and qualification of indoor UV exposure consultants.

This standard applies without prejudice to compliance with regulations in force in CEN member states.

## iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN 16489-2:2015

<https://standards.iteh.ai/catalog/standards/sist/7199fadd-88c2-44f4-88ff-53ead9fc4682/sist-en-16489-2-2015>

## 1 Scope

This European Standard specifies the requirements which are essential for the knowledge and skills, competence, and qualification of indoor UV exposure consultants.

This European Standard is not applicable for any medical use of indoor UV exposure.

Requirements for UV appliances for skin exposure are excluded in this standard, as they fall under the scope of EN 60335-2-27.

## 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 16489-1, *Professional indoor UV exposure services - Part 1: Requirements for the provision of training*

EN 16489-3, *Professional indoor UV exposure services – Part 3: Requirements for the provision of the service*

EN 60335-2-27, *Household and similar electrical appliances – Safety – Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation (IEC 60335-2-27)*

## 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

### 3.1

#### **tanning**

formation and darkening of the melanin pigments in the skin due to UV exposure

### 3.2

#### **UV exposure**

irradiation of the skin with ultraviolet radiation

### 3.3

#### **indoor tanning facility**

facility where professional indoor tanning via UV appliances is offered

### 3.4

#### **indoor tanning appliance**

device used for indoor UV exposure, often referred to as sunbed

### 3.5

#### **indoor UV exposure consultant**

person working for a professional indoor tanning facility and giving information and advice on UV exposure to potential consumers

### 3.6

#### **training**

process to develop the knowledge, skills and behaviour to meet the requirements of an indoor UV exposure consultant

### 3.7

#### **qualification**

proven ability to meet the requirements of this Standard in terms of theoretical and practical knowledge and skills necessary to perform the provision of services

**EN 16489-2:2014 (E)****3.8****competence**

ability to apply knowledge and skills to achieve intended results

**4 Knowledge and skills**

The indoor UV exposure consultant shall have the following knowledge and skills:

- knowledge of the spectral distribution of UV radiation and the effects on the human body;
- knowledge on the technical functioning of indoor tanning devices and the legal requirements such as labelling, marking and maintenance of technical documentation;
- knowledge on the maintenance and cleaning of indoor tanning appliances;
- knowledge on all required protective measures according to standards and legislation.

EXAMPLE see EN 60335-2-27.

In addition, the UV exposure consultant is required to have knowledge of all given learning contents as defined in part 1 of this standard (EN 16489-1).

NOTE In some countries it is forbidden by law to allow the consumer the use of an indoor tanning if there are reasons not to.

**iTeh STANDARD PREVIEW**  
(standards.iteh.ai)

**5 Competence**

The indoor UV exposure consultant shall have the following competence:

- ability to provide unbiased advice to consumers on possible health risks and benefits of UV exposure;
- ability to provide guidance to consumers on tanning and appropriate UV exposure practices;
- ability to advise on individual skin type analysis, define an individual tanning programme based on an exposure schedule and provide goggles;
- ability to provide advice on precautions to be taken before exposure.

**6 Qualification**

The indoor UV exposure consultant shall have successfully completed a training course which complies with Part 1 of this standard.

The candidate shall pass a multiple choice test according to Part 1 of this standard.

The candidate shall prove in practice that they can apply and communicate the theoretical knowledge attained in the training course according to Part 1 of this standard.

**7 Continual learning**

The indoor UV exposure consultant shall repeat the assessment, compliant with Part 1 of this standard with an acknowledged training provider, at least once every five years or according to national legislation to make sure that their qualification reflects the current state of the art.



## Annex A (informative)

### A-deviations

A-deviation: National deviation due to regulations, the alteration of which is for the time being outside the competence of the CEN/CENELEC member.

This European Standard does not fall under any Directive of the EU.

In the relevant CEN/CENELEC countries these A-deviations are valid instead of the provisions of the European Standard until they have been removed.

<b>Deviation</b>	
<b>Country</b> France	<b>National Regulation</b> Décret n° 97-617 du 30 mai 1997 relatif à la vente et à la mise à disposition du public de certains appareils de bronzage utilisant des rayonnements ultraviolets (French decree regarding indoor UV exposure devices made available to the public) Concerning the designation of “benefits”
Clause 5 Competence - ability to provide unbiased advice to consumers on possible health risks and benefits of UV exposure	Article 12 du décret n° 97-617 du 30 mai 1997 states : « Il ne peut en aucun cas être fait référence à un effet bénéfique pour la santé. » (Under no circumstances, can reference be made to any health benefits of indoor UV exposure)
<b>Country</b> Germany	<b>National Regulation</b> UV-Schutz-Verordnung –UVSV (ultraviolet radiation protection ordinance) dop:2011-07-20 (BGBl. I S. 1412)
Clause 4 Knowledge and skills	§ 4 subclause 1, Nr. 2, 3, 4 UVSV Knowledge and ability of indoor UV exposure consultants are defined in more detail (skin type determination, UV radiation dosing). § 4 subclause 4, § 5 subclause 1 UVSV Kind of knowledge is defined in more detail.
Clause 5 Competence	§ 4 subclause 1, Nr. 1, 2 UVSV Indoor UV radiation consultants shall offer / be able to provide consumer with instructions on safe operation, emergency shutdown, handling the sunbed, and to inspect the sunbed.
Clause 6 Qualification	NOTE: A-Deviations with regard to the qualification see Annex B of EN 16489-1:2014.