



BSI Standards Publication

Professional indoor UV exposure services

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

National foreword

This British Standard is the UK implementation of EN 16489-2:2014.

The UK participation in its preparation was entrusted to Technical Committee SVS/19/2, Tanning salon services.

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

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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.

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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of an identical text or by endorsement, at the latest by June 2015, and conflicting national standards shall be withdrawn at the latest by June 2015.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.

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/m². 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.

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

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.

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.

Deviation	
Country France	National Regulation 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)
Country Germany	National Regulation 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.

<p>Clause 7 Continual learning</p>	<p>§ 4 subclause 4 UVSV Without mandatory follow-up training at least every five years it is not permitted to work in tanning facility as indoor UV exposure consultant.</p>
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Bibliography

[1] SCCP/0949/05, Scientific Committee on Consumer Products (SCCP) report of the European Commission, published in 2006

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