

**SLOVENSKI STANDARD**  
**oSIST prEN ISO 4465:2022**  
**01-januar-2022**

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**Tekstilje - Dobrobit živali v dobavni verigi - Splošne zahteve za proizvodnjo, pripravo in sledljivost vlaken angorskega kunca, vključno z etičnimi trditvami in podpornimi informacijami (ISO/DIS 4465:2021)**

Textiles - Animal welfare in the supply chain - General requirements for the production, preparation and traceability of Angora rabbit fibre, including ethical claims and supporting information (ISO/DIS 4465:2021)

Textilien - Tierschutz in der Lieferkette - Generelle Anforderungen an die Erzeugung, die Aufbereitung und Rückverfolgbarkeit von Fasern von Angorakaninchen, einschließlich ethnischer Angaben und unterstützender Informationen (ISO/DIS 4465:2021)

Textiles - Bien-être animal dans la filière - Exigences générales pour la production, la préparation et la traçabilité de la fibre de lapin angora, y compris les déclarations éthiques et les informations justificatives (ISO/DIS 4465:2021)

**Ta slovenski standard je istoveten z: prEN ISO 4465**

**ICS:**

03.120.20	Certificiranje proizvodov in podjetij. Ugotavljanje skladnosti	Product and company certification. Conformity assessment
59.060.10	Naravna vlakna	Natural fibres

**oSIST prEN ISO 4465:2022**

**en,fr,de**

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# DRAFT INTERNATIONAL STANDARD

## ISO/DIS 4465

ISO/TC 38

Secretariat: JISC

Voting begins on:  
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## Textiles — Animal welfare in the supply chain — General requirements for the production, preparation and traceability of Angora rabbit fibre, including ethical claims and supporting information

ICS: 59.060.10; 03.120.20

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# Contents

Page

<b>Foreword</b> .....	<b>v</b>
<b>Introduction</b> .....	<b>vi</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Requirements</b> .....	<b>2</b>
4.1 General.....	2
4.2 Purpose.....	2
<b>5 Animal housing conditions and farming practices</b> .....	<b>2</b>
5.1 Structures.....	2
5.2 Animal housing systems.....	3
5.2.1 Characteristics and materials.....	3
5.2.2 Size and density of the animal housing structures.....	4
5.2.3 Equipment promoting species-specific behaviours.....	5
5.3 Adequate management of the farming conditions.....	5
5.3.1 Temperature and relative air humidity.....	5
5.3.2 Ventilation.....	5
5.3.3 Lighting.....	6
5.3.4 Removal of animal waste and dead animals.....	6
5.3.5 Cleaning, disinfection and maintenance premises and equipment.....	6
5.3.6 Control of unwanted animals.....	7
5.4 Staff training.....	8
<b>6 Diet Management</b> .....	<b>9</b>
6.1 Dietary requirements.....	9
6.2 Feeding.....	10
6.2.1 Feed characteristics.....	10
6.2.2 Feed consumption.....	10
6.2.3 Forage.....	10
6.2.4 Treats.....	11
6.3 Purchase and storage of food.....	11
6.4 Drinking water.....	11
<b>7 Breeding management</b> .....	<b>11</b>
7.1 Artificial insemination.....	11
7.2 Nest quality and control.....	12
7.3 Fostering.....	12
7.4 Lactation control.....	12
7.5 Weaning.....	12
7.6 External restocking.....	13
7.7 Killing of rabbits.....	13
<b>8 Health management</b> .....	<b>13</b>
8.1 Company veterinarian.....	13
8.2 Anti-parasite treatments.....	14
8.3 Vaccination programs.....	14
8.4 Farm medicines management.....	14
8.5 Biosafety.....	14
8.5.1 Checking people and vehicles.....	15
<b>9 Animal transport</b> .....	<b>15</b>
<b>10 Fibre production management</b> .....	<b>15</b>
10.1 Areas dedicated to collecting the hair.....	15
10.2 Hair collection, rabbit handling during shearing and shearing cycle.....	16

## ISO/DIS 4465:2021(E)

10.3	Traceability.....	17
<b>11</b>	<b>Identification and traceability.....</b>	<b>17</b>
11.1	Animal identification.....	17
11.2	Identification of enclosures.....	17
11.3	Records.....	18
<b>12</b>	<b>Traceability and The Supply Chain.....</b>	<b>18</b>
<b>13</b>	<b>Ethical Labelling Programmes.....</b>	<b>18</b>
	<b>Bibliography.....</b>	<b>19</b>

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html) (standards.iteh.ai)

This document was prepared by Technical Committee 38, *Textiles*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

## ISO/DIS 4465:2021(E)

## Introduction

The OIE TAHC (World Organisation for Animal Health, Terrestrial Animal Health Code) defines animal welfare as “how an animal is coping with the conditions in which it lives. An animal is in a good state of welfare if (as indicated by scientific evidence) it is healthy, comfortable, well nourished, safe, able to express innate behaviour, and if it is not suffering from unpleasant states such as pain, fear and distress. Good animal welfare requires disease prevention and veterinary treatment, appropriate shelter, management, nutrition, humane handling and humane slaughter/killing. Animal welfare refers to the state of the animal; the treatment that an animal receives is covered by other terms such as animal care, animal husbandry, and humane treatment”.

The domestic rabbit is a mammal pertaining to the Lagomorph order (with four incisors in the upper jaw). In particular, Angora rabbits come from Turkey (Ankara) and have always been prized for the production of quality animal fibre on a par with the Cashmere and Angora goat (mohair) and that of the South American camelids (Vigogna and Alpaca).

The production of animal fibre from Angora rabbits is an animal husbandry activity that is only practiced in certain parts of the world. The main producer of Angora rabbits today is China. These rabbits have the capacity to produce the very soft, warm fibre of a brilliant white colour known as: Angora. Rabbit pelts are double-coated, i.e. comprising a double layer of coarse fibres deriving from the primary hair follicles (guard hairs, which usually grow in groups of 3) and very soft underlying fibres that come from the secondary follicles (undercoat, located in proximity to the 3 primary follicles).

The Angora rabbit produces around 1-1,5 kg a year of fibre, or almost 30 % of its own live weight. The productive cycle of the rabbit lasts for around 3-4 years. Angora rabbit hair grows according to the classic model of follicular activity, which is divided into 3 main phases: the "anagen" or the full follicular activity phase, characterised by fibre growth; fibre the "catagen" or the phase of follicle regression and interruption of fibre growth; fibre and finally the "telogen" or follicle resting phase, characterized by fibre shedding fibre. For these reasons, Angora fibre is usually collected at regular intervals through combing or shearing. Said activities are greatly affected by the type of rabbit bred, how the business is managed, and obviously the nutritional conditions of the animals.

Operators who wish to breed rabbits in accordance with animal welfare methods shall ensure their activities comply with the provisions of international and national legislation in force concerning:

- production standards;
- animal housing conditions;
- transformation;
- packaging;
- transport;
- storage;
- ethical claims and supporting information;
- traceability;
- checks and inspections.

In addition to the Convention signed in Strasbourg<sup>[4]</sup> and Directive 98/58/EC, this specification is based on five freedoms for the protection of animal welfare (see 1.2):

- 1) freedom from hunger, thirst and malnutrition;
- 2) freedom from physical and thermal discomfort;
- 3) freedom from injury and disease;



- 4) freedom to express normal species-specific behavioural patterns;
- 5) freedom from fear and stress.

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# Textiles — Animal welfare in the supply chain — General requirements for the production, preparation and traceability of Angora rabbit fibre, including ethical claims and supporting information

## 1 Scope

This document applies to the management and control of critical activities in Angora rabbit farming, including accommodation, reproduction, feed and nutrients, health, fibre collection, ethical claims and supporting information.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

Directive 98/58/EC concerning the protection of animals kept for farming purposes

ISO 26000:2020, *Guidance on social responsibility*

## 3 Terms and definitions

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

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

### 3.1

#### **animal welfare**

well-being of animals in the ethical conditions in which they are farmed

### 3.2

#### **competent authority**

veterinary authority or other governmental authority of a country having the responsibility and competence for ensuring or supervising the implementation of animal health and welfare measures, international veterinary certification and other standards and recommendations in the OIE TAHC

[SOURCE: ISO/TS 34700:2016, 3.7]

### 3.3

#### **kit**

baby rabbit from birth to weaning

Note 1 to entry: Rabbit aged from birth to 49 days

### 3.4

#### **young rabbit**

rabbit that has not reached sexual maturity

Note 1 to entry: Rabbit aged after weaning to the adult age