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**Machinery for forestry — Portable  
chain-saw safety requirements and  
testing —**

**Part 2:  
Chain-saws for tree service**

**AMENDMENT 1**

**(standards.iteh.ai)**

*Matériel forestier — Exigences de sécurité et essais des scies à chaîne  
portatives —*

*ISO 11681-2:2011/Amd 1:2017*

*Partie 2: Scies à chaîne pour l'élagage des arbres*

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[f6350e7a0000/iso-11681-2-2011-amd-1-2017](https://standards.iteh.ai/catalog/standards/sist/816171aa-4e84-4aad-82dd-f6350e7a0000/iso-11681-2-2011-amd-1-2017)

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Ch. de Blandonnet 8 • CP 401  
CH-1214 Vernier, Geneva, Switzerland  
Tel. +41 22 749 01 11  
Fax +41 22 749 09 47  
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This document was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 17, *Manually portable forest machinery*.

ISO 11681-2:2011/Amd.1:2017  
<https://standards.iteh.ai/catalog/standards/sist/816171aa-4e84-4aad-82dd-f6350e7f195c/iso-11681-2-2011-amd-1-2017>

## **Introduction**

This Amendment introduces extra information at the point of sale of chain-saws for tree service and further clarifies that the product is intended to be used by trained operators only.

This issue was brought up by market surveillance authorities in Europe and is related to the availability of this product to the consumer market.

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[ISO 11681-2:2011/Amd 1:2017](https://standards.iteh.ai/catalog/standards/sist/816171aa-4e84-4aad-82dd-f6350e7f195c/iso-11681-2-2011-amd-1-2017)  
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# Machinery for forestry — Portable chain-saw safety requirements and testing —

## Part 2: Chain-saws for tree service

### AMENDMENT 1

*Page 1, Clause 2*

Add the following normative reference:

ISO 7010, *Graphical symbols — Safety colours and safety signs — Registered safety signs*

*Page 16, 5.3, second paragraph*

Replace the text “See also 5.4.4” with “See also 5.5”.

*Page 18, 5.4.4*

Delete the whole subclause.

*Page 18*

Add the following new subclause: [ISO 11681-2:2011/Amd 1:2017](https://standards.iteh.ai/catalog/standards/sist/816171aa-4e84-4aad-82dd-316700000000/iso-11681-2-2011-amd-1-2017)

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**5.5 Warning to be provided at point of sale** [316700000000/iso-11681-2-2011-amd-1-2017](https://standards.iteh.ai/catalog/standards/sist/816171aa-4e84-4aad-82dd-316700000000/iso-11681-2-2011-amd-1-2017)

The chain-saw shall be provided with a hangtag or a label affixed to the machine and the packaging carton shall incorporate a pre-printed text or an adhesive label providing the following verbatim text, in the official language of the country of sale, clearly visible to the potential purchaser of the chain-saw:

**WARNING — This chain-saw is for use by trained tree service operators only. Use without proper training can result in severe injuries.**

Where a label is affixed to the machine, it may be of a type that can be removed.

The word WARNING shall be in black capital letters on yellow or orange background and the letters used in the text after the word WARNING shall be black on white background.

Safety sign W001 of ISO 7010 shall precede the warnings for each language.

The safety sign W001 of ISO 7010 shall be black on yellow background.

When printed on the packaging carton, the safety sign and wording need not be in accordance with the above colour requirements, provided they are in contrast to the background and are incorporated on at least two faces of the carton, excluding the bottom face.

The safety sign shall have at least the same height as the word WARNING. As an alternative, one safety sign in common for all languages may be used. If so, the minimum height of the safety sign shall be 15 mm.

On hangtags or labels attached to the chain-saw, the minimum height of letters used in the word WARNING shall be 2,5 mm. The letters used in the text after the word WARNING shall have a minimum height of 2,0 mm.

When printed on the packaging carton or on a label affixed to the carton, the minimum height of letters used in the word WARNING shall be 3,0 mm. The letters used in the text after the word WARNING shall have a minimum height of 2,5 mm.

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