

**Phytosanitary treatments**  
**Traitements phytosanitaires**

## Heat treatment of wood to control insects and wood-borne nematodes

### Specific scope

This standard describes the heat treatment of wood to control insects and wood-borne nematodes. It is an alternative to the standard PM 10/7 *Methyl bromide fumigation of wood to control insects* (previously PM 3/51).

### Specific approval and amendment

First approved in 2008-09.

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### Introduction

Round wood and sawn wood may be infested by a range of insects such as Scolytidae, Buprestidae and Cerambycidae, and by nematodes e.g. of the genus *Bursaphelenchus*. Such material serves as a pathway for the spread of the mentioned organisms. Several wood-related harmful organisms are listed in the EPPO A1 and A2 lists as well as in the Alert list.

### Commodities/regulated articles

Round and sawn wood (with or without bark)

### Pests

Wood-related insects: e.g. Scolytidae, Buprestidae, Cerambycidae.

Wood-related nematodes: e.g. *Bursaphelenchus* spp.

### Treatment schedule

The wood has to be heat-treated until the core temperature reaches at least 56 °C for at least 30 min.

### Efficacy of treatment

These treatment parameters were recognized as efficient enough to be included in ISPM No. 15 (FAO, 2006) as well as in the EU-Council Directive 2000/29/EC.

### References

- Council Directive 2000/29/EC On protective measures against the introduction into the Community of organisms harmful to plants or plant products and against their spread within the Community. *Official Journal of the European Communities* No. L169, 1–112.
- FAO (2006) International Standards for Phytosanitary Measures No. 15 *Guidelines for Regulating Wood Packaging in International Trade* with Modifications to Annex I. FAO, Rome (IT), 11 pp.

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