

ICS 65.020
CCS B 16

LY

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

LY/T 2214-2013

**Technical regulation for the construction of heat treatment
facilities of wood infected by pine wood nematode**

松材线虫病疫木热处理设施建设技术规范

(English Translation)

Issued on: January 1, 1970

Implemented on: January 1, 1970

Issued by: State Forestry Administration

Table of Contents

Foreword

1 Scope

2 Normative references

3 Heat treatment facility construction

3.1 Plant area environment and layout construction requirements

3.2 Heat treatment facilities equipment construction requirements

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard is proposed and managed by the Forestry Subcommittee Technical Committee of the National Phytosanitary Standardization Technical Committee (SAC/TC271/SC2).

This standard was drafted. Zhejiang Forestry Pest Control and Quarantine Bureau, Shaoxing Forest Pest Control and Quarantine Station, Hangzhou Linan Nanyangmu Machinery Co., Ltd.

1 Scope

This standard specifies the requirements for the construction of heat treatment facilities in the wet heat treatment technology of pine wood nematode disease and the management and maintenance of equipment.

Including the use of technology and other related content.

This standard applies to the construction of heat treatment facilities for pine wood nematode disease.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 20476-2006 Treatment and management of pine packaging materials in pine wood nematode

3.1 Plant area environment and layout construction requirements

3.1.1

The plant area should be selected to be built in the pine wood nematode disease area and 5 km away from the pine forest.

3.1.2

The roads and sites of the plant area shall be leveled and hardened, and the area of the hardened site shall be not less than 1hm². The heat treatment warehouse, finished product warehouse and surrounding sites shall be concrete floor.

3.1.3

The environment in the plant area should be clean and hygienic, without weeds, stagnant water, bark, scraps and other timely treatment.

3.1.4

The workshop and warehouse should be provided with obvious signs and internal management cards.

3.1.5

The finished product warehouse needs to be provided with isolation wall, raw material storage place, processing workshop, employee's office area and living area, etc.

Clearly identified. The layout of the plant construction layout is shown in Figure A.1 of Appendix A.

3.1.6

The site selection and construction of plant equipment shall be constructed in accordance with the requirements of relevant departments such as environmental protection, fire protection, labor, and technical supervision.

3.1.7

It should be equipped with an attractant, a pine-cone trap, etc. to monitor and control the pharmacy equipment, and regularly monitor and control *Monochamus alternatus*.

And make a record.

3.1.8

An inspection and quarantine room shall be established, equipped with the equipment for inspection and identification required for the identification of pine wood nematodes.

3.2.1 Facilities and equipment

3.2.1.1

Heat-treated wood drying kiln or wood drying oven.

3.2.1.2

Heat treatment automatic control system. Heat treatment time, dry and wet bulb temperature, wood core temperature, heating, air circulation, humidity control, humidity Monitoring, wood moisture content monitoring, temperature and humidity, wood moisture content print records, etc. can be automatically controlled.

3.2.2 Equipment construction requirements

3.2.2.1

The heat treatment kiln body or drying box should be equipped with all-aluminum alloy structure or color steel aluminum alloy assembled metal structure or civil brick masonry structure.

Set. See Appendix B for schematic diagrams, structural configurations, and technical parameters.