

MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT OF VIETNAM PLANT PROTECTION DEPARTMENT

At this time, the Vietnamese legislation focusing on regulation of wood packaging material in international trade are included:

- 1) Ordinance on Plant Protection and Quarantine (2001);
- 2) Government Decree on Plant Quarantine regulation (2007);
- 3) Decision No. 89/2007/QD-BNN 01/11/2007 of the Minister of Agriculture and Rural Development on state management Regulations for fumigation operation of regulated articles;
- 4) National technical regulation on fumigation procedures (QCVN 01-19:2010/BNNPTNT);
- 4) National technical regulation on wood packaging material in international trade (QCVN 01-2: 2009/BNNPTNT)

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The main contents of technical regulation on wood packaging in international trade (QCVN 01-2: 2009/BNNPTNT) are as follows:

This norm prescribed limits of the remedial measures for wood packaging material (including dunnage map) in international trade.

This norm does not apply to wood or wood products processed such as pressed wood, plywood, sawdust, wood chips, industrial plywood, wood shavings or a thickness not exceeding 6 mm.

2. Subjects of application

This norm applies to organizations and individuals practicing fumigation or heat treatment of wood packaging material in international trade organizations and other individuals involved.

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3. General requirement

3.1. Equipment requirements for heat Treatment

The heat treatment system for wood packaging material to ensure adequate equipment as prescribed, including:

a/- Handling areas

- Heat treatment chamber suitable scale and handle is sealed with appropriate materials and insulation capable to withstand high temperatures during processing. Ability heat sink evenly throughout the processing chamber space - Fans island air circulation in the chamber air handling

b/-Division provides heat

Boilers or steam heating equipment or equivalent devices must satisfy the minimum thermal efficiency increases as prescribed

c/- Temperature control valve

There are functions for temperature control chamber temperature increased to

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The function to measure the temperature in the core timber at the center point representation (5 points) in the processing chamber

- e/- Control unit processe
- Display device wood core temperature at the center;
- Increased temperature control equipment;
- Equipment to heat up now.

g/- Equipment temperature records

Including the sensor probe thermometer in center of wood core for a period of time from when you open the meter when the heat treatment temperature to finish.

h/- Other auxiliary equipment

- Lighting system;
- Drill:
- Dedicated cars

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3.2. Equipment requirements for Methyl Bromide fumigation

- Fumigants;
- Fumigation sheets;
- Sealing materials: paper, glue, nylon, clamps, tape, sand snakes;
- Balance drugs: 50kg, 100kg;
- Opener drugs, drug bags, pipes;
- Gauge steam drug concentrations:
- Gas-masks specialized tools and labor protection;
- Equipment airy, island atmosphere: fans, vents, air turner;
- Gauge thermometer;
- Check the time clock:
- Hazard notice by Vietnamese or English (used for disinfecting objects for export);
- equipment for preventing fire and explosion;
- Tools Aid for labor accidents:
- Other instruments



4. Technical Requirements

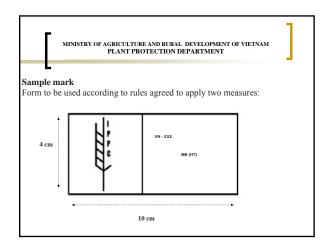
4.1 . Heat Treatment

Wooden packaging material treated with this method to ensure temperature and specific time to reach minimum temperature is 56°C at the center of heartwood within 30 minutes.

4.2 . Fumigation with Methyl Bromide

Wood packaging materials are furnigated with methyl bromide to ensure minimum conditions: air temperature is not less than 10° C, Monitoring time is 24 hours. Concentration at the times of standard test are 2 , 4 , 12 and 24 hours to ensure as Table 1 :

MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT OF VIETNAM PLANT PROTECTION DEPARTMENT Table 1. Concentration at the time of the standard test Minimum concentration (g/m³) at the time of the standard test Dosage (g) Temperature 2h 4h 12h 24h ≥21 48 31 28 24 36 42 32 28 ≥16 56 36 ≥10 64 48 42 36 32



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Signs include the following:

-Symbols of the International Convention on Plant Protection (IPPC);

 Country code consists of two letters, the numbers next to the Plant Protection Department for the organizations and individuals are eligible to practice handling wood packaging materials;

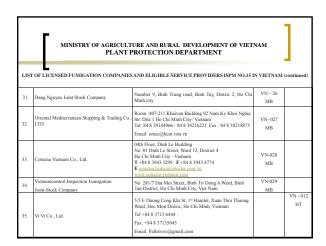
- The ink color blue, not affected by the external conditions do fade or blur.



MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT OF VIETNAM PLANT PROTECTION DEPARTMENT LIST OF LICENSED FUMIGATION COMPANIES AND ELIGIBLE SERVICE PROVIDERS ISPM NO.15 IN VIETNAM							
No.	Name of Company	Contact	ISPM 15 MB	Code HT			
1.	Termite Control & Fumigation Company	31B Hai Trieu Street, Dist1, HoChiMinh City, Vietnam	VN - 001 MB				
2.	Saigon Fumigation Center - SFC	2/29 Ham Nghi Street, HoChiMinh City, Vietnam		VN - 0			
3.	Hanoi Enterprise For Agro- Forestry Products	64 Bach Dang Street, Hoan Kiem District, Hanoi Capital, Vietnam	VN - 002 MB				
4.	Toan Dien Trading and Service Co., Ltd.	119/2 Dien Bien Phu – District 1 – HoChiMinh City, Vietnam	VN - 003 MB				
5.	Dai Viet Control Joint Stock Company	167-169 Dien Bien Phu –Dakao Ward – Distrist 1 – Ho Chi Minh City	VN - 004 MB				
6.	Southern foodstuff joint Stock Company	92-94 Ly Thuong Kiet Str, Tan Binh District, HoChiMinh City	VN - 005 MB				
7.	Vietnam Fumigation & Termite treatment Joint Stock Company	No 15B – Block 15, Dinh Cong New Town, Thanh Xuan, Hanoi	VN - 006 MB				
8.	The Vietnam Superintendence and Inspection Joint Stock Company (VINA CONTROL)	54 Tran Nhan Tong, Hanoi, Vietnam	VN - 007 MB				
9.	CAFE CONTROL	228 ^A Pasteur - District 3 - Hochiminh City	VN - 008 MB				
10.	Vietnam Fumigation Company - VFC	29 Ton Duc Thang Str., Dist. 1, Hochiminh City, Vietnam	VN - 009 MB	VN - 0 HT			

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LIS	IST OF LICENSED FUMIGATION COMPANIES AND ELIGIBLE SERVICE PROVIDERS ISPM NO.15 IN VIETNAM (continued							
11	FCC Control and Fumigation Joint Stock	45 Dinh Tien Hoang Street, District 1, Ho	VN - 010					
	company	Chi Minh City, Vietnam	MB VN - 011					
12.	Hanoi Goods Control Joint Stock Company	68 Hoang Dieu – District 4 – Ho Chi Minh City	VN - 011 MB					
	Ba Ria- Vung Tau Fumigation & Termite	243/2 Binh Gia - ward 8 - Vung Tau City.	VN - 012					
13.	treatment Station	Ba Ria – Vung Tau province	MB					
14	Sai Gon Fumigation & Termite treatment Co.,	16 Doan Van Bo block, Distric4, Ho Chi	VN - 013					
14.	Ltd.	Minh City, Vietnam	MB					
15	Ha Thanh Binh - Thanh Hoa Investment and	No 08/171 Le Thanh Tong, Dong Ve ward,		VN - 0				
13.	Development Company	Thanh Hoa city, Thanh Hoa province		HT				
17	Nam A Company Ltd.	Block 16, Que Vo Industrial area, Bac Ninh		VN - 0				
16.		province		HT				
	Nhiet Sinh Thai Trade Service one member Limited Co.	Room 207, Second floor, Hai Thanh tower,						
17.		number 2 Thi Sach, Ben Nghe, Distric 1,		(Expire				
		Ho Chi Minh city						
10	NamViet Fumigation Joint Stock Company	69/21- Street D2, Ward 25, Binh Thanh	VN - 014	VN - 0				
18.		District, Ho Chi Minh city	MB	HT				
10	Bac Ha Integrated Pest Management Company	67A, Duc Chinh, Ba Dinh Distric, Hanoi,	VN - 015					
19.	Ltd.	Vietnam	MB					
		No 30 Pham Viet Chanh, ward 19, Binh	VN - 016					
20.	Sao Viet Fumigation Co., Ltd.	thanh Distric Ho ChiMinh city	MB					

LIST	MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT OF VIETNAM PLANT PROTECTION DEPARTMENT LIST OF LICENSED FUMIGATION COMPANIES AND ELIGIBLE SERVICE PROVIDERS ISPM NO.15 IN VIETNAM (continue)								
21.	Au Chau Trading and Service Co., Ltd.	31 Van Kiep, ward 3, Binh Thanh Distric, Ho Chi Minh city	VN - 017 MB						
22.	Sai Gon Plant Protection one member Co., Ltd.	Ward 1, Tan Thuan Dong, Distric 7, Ho Chi Minh city	VN - 018 MB						
23.	SGS Vietnam Ltd.,	No. 119 – 121, Vo Van Tan st., ward 6, Distrist 3, Ho Chi Minh city – Viet Nam. Phone: +84 8 39351920 Fax: +84 8 39351922	VN - 019 MB						
24.	Gia Hoang Ltd.,	12/1/14 -35, 9, Tan Phong, Bien Hoa, Dong Nai province	VN-20 MB						
25.	Branch of ITS Vietnam Ltd.	1st Floor, E. Town EW Building, 364 Cong Hoa Street, Ward 13, Tan Binh District, Ho Chi Minh City	VN – 21 MB						
26.	Multi-National Inspection – Fumigation Company Ltd.	12/1/14, Tan Phong, Bien Hoa city, Dong Nai province	VN- 22 MB						
27.	Khanh An Joint Stock Company	No. 46 Bach Đang, Ha Ly, Hong Bang, Hai Phong	VN – 23 MB						
28.	Vung Tau Fumigation & Termite treatment Co., Ltd.	252A Thong Nhat, 8, Vung Tau, Ba Ria Vung Tau	VN – 24 MB						
29.	Vung Tau Fumigation & Termite against Co., Ltd.	12/5 Ba Huyen Thanh Quan, precinct 4, Vung Tau, Ba Ria -Vung Tau province	VN – 25 MB						
30.	ECO2 Vietnam	Road NA5 Lot B-11A2-I My Phuoc II Industrial zone, Ben Cat, Binh Duong province.		VN – 0 HT					



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Law on Plant Protection and Quarantine had been enacted at the end of 2013 and will come to enforcement at first day of January 2015; therefore, all of the legislation documents under the Ordinance on Plant Protection and Quarantine (2001) are being reviewed, modified and developed in 2014. These legislation documents will also come to enforcement at the same time with the Law.

There are some articles of Chapter III (Regulations on Plant Quarantine) of the Law on Plant Protection and Quarantine (2013) focus on regulation of wood packaging material in international trade as follows:

- Article 34. Quarantine treatment for import, export and in transit regulated articles: (Item 2: Quarantine treatments are included fumigation, heat treatment, vapor heat treatment, irradiation, etc.);
- 2) Article 36: Quarantine treatment profession for regulated articles are included fumigation, heat treatment, vapor heat treatment, irradiation, etc.;

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- 3) Article 37. Conditions for issuing the Certificate of Eligibility to practice on plant quarantine treatment for regulated articles (Item 1: condition on infrastructure and technique; Item 2: condition on man power);
- Article 38. Records, procedures and authorization for issuing the Certificate of Eligibility to practice on plant quarantine treatment;
- Article 39. Record, procedure and process for re-issuing the Certificate of Eligibility to practice on plant quarantine treatment for regulated articles;
- 6) Article 40. Validity of the Certificate of Eligibility to practice on plant quarantine treatment for regulated articles (5 years);

 7) Article 41. Payocation of the Certificate of Eligibility to practice on plant
- Article 41. Revocation of the Certificate of Eligibility to practice on plant quarantine treatment for regulated articles.
- Article 42. Rights and obligations of organizations practicing on plant quarantine treatment.

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THANK YOU VERY MUCH FOR YOUR $\,$ KIND ATTENTION