

Country Report

JAPAN

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Ministry of Land, Infrastructure and Transport

- **Introduction of Countermeasures against Sick House Issue**
- **Existing Building Issue**
- **Technical Cooperation in the field of Building and Housing**

Introduction of Countermeasures against Sick House Issue (Enforced since July, 2003)

1 . Regulations concerning **chlorpyrifos**

The use of building materials containing chlorpyrifos is prohibited.

2 . Regulations concerning **formaldehyde**

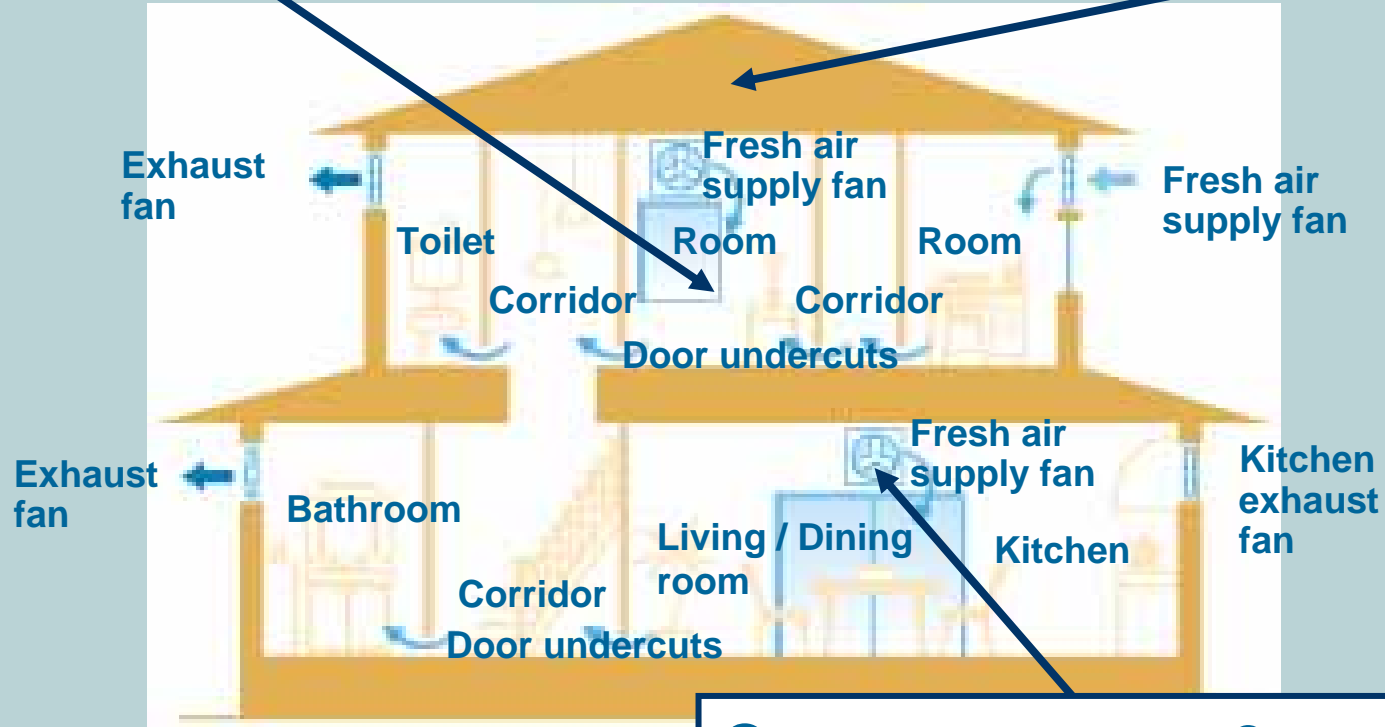
- 1) Restrictions on interior finishing materials
- 2) Mandatory installation of ventilation equipment
- 3) Restrictions related to ceiling cavities, etc.

Regulations Concerning Formaldehyde

Possible Countermeasures for Detached House

Countermeasure1
Interior Finishing Materials

Countermeasure3
Ceiling cavities, etc



Countermeasure2
Ventilation equipment

Existing Building Issue

- **Request for Advice to the Council**
(Aug. 28, 2003)
 - **Recommendations for Building Sector Administration Concerning the Improvement and Effective Utilization of Existing Buildings**
- **Submission of a bill**
(scheduled in this regular session of the Diet)
 - **To amend the Building Standard Law**

Application of Regulations Concerning Existing Buildings

that are Non-compliant under the Building Standard Law

Existing Building

Tighter regulatory requirements, including amendments to the Building Standard Law

Even if they do not comply with requirements under the Law, existing buildings will be exempt from the requirements. (They will be allowed to remain as “existing non-compliant buildings” in accordance with the principle of non-retroactivity.)

Extensions, extensive repairs or large-scale refurbishment carried out after the enforcement of the amended Law, etc.

In principle, the entire building must be made compliant with the existing regulatory requirements

Other repairs or refurbishment carried out after the enforcement of the amended Law, etc.

Continued exemption

No work

Technical Cooperation in the field of Building and Housing

- **Thailand:** Development of fire prevention system for building
- **China:** Housing performance assessment and component certification
- **Rumania:** Reduction of seismic risk for buildings and structures

etc.

Thailand: Development of fire prevention system for building

Demonstration of Flash-over



Reduced Scale Box Test [ISO17431]

Comparison of Codes/Strds.

		JPN/USA UK/Aust.	Indonesia	Thailand
Prevention of initial fire development	Detector, Alarm etc.	✓		✓
	Restriction of Interior Finishings	✓	✓	
Prevention of Fire Spread	Fire Separation	✓	✓	
	Separation of Openings	✓	✓	
Safety evacuation	Stair-ways	✓		✓
	Smoke Control	✓		✓