



**First Announcement
Seminar
on
The Development of Environmental and Emission Standards of VOCs
26th October 2007
Miracle Grand Convention Hotel, Bangkok**

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Background

Thailand is facing serious air pollution problem, especially in urban, due to rapid industrialization, urbanization and motorization. The government has set ambient air pollution air standard and implemented countermeasures for Carbon Monoxide, Nitrogen Dioxide, Sulfur Dioxide, Sulfur Dioxide, SPM, PM-10, Ozone and Lead. As a result, the situation has improved to a certain level for Nitrogen Dioxide, Sulfur Dioxide and others. Ozone and SPM still exceed the standard value at many of the monitoring locations.

VOCs emitted from the industry and vehicles are considered as one of the sources for suspended particulate matters (secondary formation), which exceed the standard and requires immediate countermeasure and also triggers photo-oxidant. Furthermore VOCs are hazardous air pollutions, which cause various acute health problem as well as carcinogenic risk. Under this situation, the Thai government considers VOCs as an important issue in ambient environmental matters. National Environmental board has instructed PCD to implement countermeasure for VOCs.

Map Ta Put incident in 1997 was a well know environmental problem related to VOCs. In this incident, tens of pupils in a school nearby the Map Ta Put industrial estate were hospitalized due to serious air pollution. Source of the pollution was considered as VOCs. The school was closed and moved to another location. Source pollutants and source factory has not been identified yet. Even now there are various reports and claims regarding occurrence of fruit like smell (most likely aromatic VOCs) around the estate. According to complained record of Pollution Control Department (PCD), 40% of environmental complains are on odor and smell, and most of them are considered to be related to VOCs.

Pollution Control Department received the technical cooperation from Japan International Cooperation Agency to conduct the project on the Development of Environmental and Emission Standards of VOCs. This project has been implemented since March 2006 and expected to finish in March 2008. The outcome of the project include the monitoring data of VOCs in the ambient air, emission inventory and proposing of environmental and emission standards of VOCs. Policy to abate the

VOCs problem will also be proposed and discussed among the stakeholder, consisting of both the public and the private sectors.

Objective:

The seminar aims to present progress of work of project on development of environmental and emission standard of VOCs.

Number of Participants

About 100 participants from relevant government agencies, stakeholders, and academic institutes will be invited to attend the seminar.

Seminar Language

Seminar will be conducted in Thai.

Organizers:

- Pollution Control Department of Thailand, Ministry of Natural Resources and Environment
- Japan International Cooperation Agency

Tentative Program:

**The Seminar on Development of Environmental and Emission Standard
of VOCs**

26th October 2007

**Miracle Grand Convention Hotel; Magic 2 room (2nd floor)
99 Vibhavadi-Rangsit Rd. Don Muang, Bangkok 10210**

08.30-09.00	Registration
09.00-09.30	Opening Remarks By - Dr. Supat Wangwongwatana Director General Pollution Control Department - Representative of JICA Thailand Office
09.30-10.30	Explanation of guideline for ambient VOCs monitoring By Ms. Amornphat Tadsanaprasittipol
10.30-10.45	-----Coffee break-----
10.45-11.15	PCD-ERTC Joint VOCs Status Report By Ms. Waroonphan Jaruphan
11.15-11.45	2 nd Phase Emission inventory By Dr. Jariya Sukhapan
11.45-12.00	Question/Answer
12.00-13.30	-----Lunch-----
13.30-14.00	Voluntary Emission Reduction Experience in Japan By JICA expert
14.00-14.45	On Going Activities and Next Step of Project By Ms. Manwipa Kuson, Dr. Jariya Sukhapan, Ms. Jarinporn Tippamongkol
14.45-15.00	-----Coffee break-----
15.00-15.45	Ambient VOCs Standard By Mr. Phunsak Tiramongkon
15.45-16.00	Question/Answer
16.00	-----Closing-----

Please book for an invitation:

Contact person: Ms. Waroonphan Jaruphan,
Air Quality and Noise Management Bureau, Pollution Control Department,
92 Phahonyothin Rd., Samsennai, Phayathai, Bangkok 10400 Thailand.

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Expression of interest should be sent to PCD by Friday 12 October 2007.

Expression of Interest

**Seminar
on
The Development of Environmental and Emission Standards of VOCs**

Friday, 26th October 2007

**Miracle Grand Convention Hotel, Magic 2 room (2nd floor)
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Reservation (request for invitation)
Because of limitation of space this reservation is needed

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ชื่อ (Name)	
ตำแหน่ง (Title)	
หน่วยงาน (Organization/Company)	
ที่อยู่ (Address)	
โทรศัพท์ (Phone)	
โทรสาร (Fax)	
E-mail	

Please send this form to fax: 0-2298-2392 or e-mail: jicavoc@pcd.go.th,

Ms. Waroonphan Jaruphan.

Air Quality and Noise Management Bureau Pollution Control Department Tel: 0-2298-2397

*Fax:0-22982392 **by Friday 12 October 2007.***