

(Garuda Emblem)

**Notification of Department of Industrial Works
Re: Qualification of Environmental Personnel, Training,
and Standard Examination**

With respect to the Notification of Ministry of Industry regarding Descriptions of Factory Types and Sizes, Procedure for the Control of Discharges of Wastes, Pollutants, or Any Substances that Cause Adverse Effects on the Environment, Qualifications of Supervisors and Operators, and Criteria for Registration of the Supervisors of Pollution Prevention Systems B.E. 2545 (2002), prescribing that some types and sizes of factory shall have environmental personnel, which consists of Environmental Manager, Water Pollution Supervisor, Air Pollution Supervisor, Industrial Waste Management Supervisor, and Operator; and that environmental personnel shall pass the training and/or standard examination as prescribed by Department of Industrial Works. Since the aforesaid Notification will be effectively enforced on 7th May 2005 and to enable a factory in acquiring qualified personnel for a registration of environmental personnel, Department of Industrial Works hereby issued this Notification regarding Qualification of Environmental Personnel, Training, and Standard Examination as follows:

**Section 1
Qualification of Environmental Personnel**

Article 1. Environmental Personnel shall have the following qualifications:

- 1.1. Shall be a person engaging in factory business or an employee of a factory who holds a position as a manager and is appointed as an environmental manager by a person engaging in factory business.
- 1.2. Shall attend a training course for environmental manager as prescribed by DIW.

Article 2. Qualifications of Water Pollution, Air Pollution, Industrial Waste Management Supervisors are as follows:

- 2.1. Pass the standard examination of DIW and receive a permission to register as a supervisor in each type, as the case maybe. DIW will issue a permission for registration paper as evidence.
- 2.2. To work as a supervisor on water pollution, air pollution and industrial waste management, a person shall be appointed by a person engaging in factory business with permission from DIW.

Article 3. An operator shall pass a training course for an operator (of water pollution treatment system, air pollution treatment system, or industrial waste management system, as the case maybe) and shall be appointed by a person engaging in factory business to work as an operator (of water pollution treatment system, air pollution treatment system, or industrial waste management system). An operator shall also be certified of his/her work by a supervisor of water pollution, air pollution or industrial waste management, as the case maybe.

Article 4. Qualifications of a consultant are as follows:

- 4.1. Shall be a juristic person registered under Thai law and with

minimum registered capital of 2 million bahts.

4.2. Shall have personnel as prescribed in 2.1. at least 1 person.

To provide a service as a supervisor of water pollution, air pollution, or industrial waste management, a consultant shall have a minimum of 1 personnel who is a supervisor of each service field. Permission of work shall be as prescribed in 2.2.

Section 2.

Qualifications of a legitimate attendant of a standard examination of a supervisor on water pollution, air pollution, and/or industrial waste management

Article 5. Qualifications of a legitimate attendant of a standard examination of a supervisor on water pollution, air pollution, and/or industrial waste management are as follows:

5.1. Graduate with at least a bachelor degree in sanitary or environmental engineering, or environmental science.

5.2. Graduate with at least a bachelor degree in engineering or science and has at least 18 credits on environmental related subjects.

5.3. Graduate at least a bachelor degree in engineering or science and pass a DIW's approved standard training course of water pollution, air pollution or industrial waste management supervisor, as the case may be.

Section 3

Qualification of a participant of a training course for environmental manager, a supervisor on water pollution, air pollution or industrial waste management, or an operator

Article 6. A participant of a training course for environmental manager shall be a person engaging in factory business or an employee of a factory who holds a position as a manager and is appointed as an environmental manager by that person.

Article 7. A participant of a training course for a supervisor on water pollution, air pollution or industrial waste management shall graduate at least a bachelor degree in engineering or science.

Article 8. A participant of a training course for an operator shall have the following qualifications:

8.1. Graduate at least a junior high school or equivalent and has experience on control and supervise of environmental protection system for at least 1 year and be certified by a supervisor who is responsible for that environmental protection system.

8.2. Shall get approval from a person engaging in a factory business.

Section 4

Standard training and examination

Article 9. A training course for an environmental manager, a supervisor, or an operator shall be conducted by DIW, or an organization assigned or certified by DIW.

Article 10. A standard examination for a supervisor on water pollution, air pollution or industrial waste management shall be conducted by DIW, or an organization assigned or certified by DIW.

Article 11. A training institution and a national examination organizer shall have qualifications as prescribed by DIW.

This notification shall enter into force on the day following the date of its announcement.

Announced on the 24th December 2004

(Mr. Issra Shoatburakarn)
Director-General of Department of Industrial
Works

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