

(Garuda Emblem)
Notification of Ministry of Industry No. 13
B.E. 2525 (1982)
Issued pursuant to the Factory Act B.E. 2512 (1969)
Re: Duty of a person engaging in a factory business

By the virtue of section 39(16) of the Factory Act B.E. 2512 (1969), the Minister of Industry hereby issues the Ministerial Notification prescribing criteria and procedure for a person who receives a factory license to engage in a factory business as follows:

Article 1 The following types of factory shall arrange to have a supervisor and an operator responsible for pollution control system with academic background as prescribed in Article 2.

1.1 A factory having effluent quantity at least 125 cubic meters per hour (excluding cooling water) or having influent BOD load at least 200 kilograms per day.

1.2 A factory using heavy metal in production process that has effluent quantity at least 50 cubic meters per day and has effluent heavy metal load as follows:

- 1.2.1 Zinc: at least 250,000 milligrams per day
- 1.2.2 Chromium: at least 25,000 milligrams per day
- 1.2.3 Arsenic: at least 12,500 milligrams per day
- 1.2.4 Copper: at least 50,000 milligrams per day
- 1.2.5 Mercury: at least 250 milligrams per day
- 1.2.6 Cadmium: at least 1,500 milligrams per day
- 1.2.7 Barium: at least 50,000 milligrams per day
- 1.2.8 Selenium: at least 1,000 milligrams per day
- 1.2.9 Lead: at least 10,000 milligrams per day
- 1.2.10 Nickel: at least 10,000 milligrams per day
- 1.2.11 Manganese: at least 250,000 milligrams per day

1.3 A following factory in iron and steel industry.

1.3.1 A factory with an oven that uses acid or toxic substance in production process and has production capacity of at least 100 tons per day.

1.3.2 A factory with a furnace that has total capacity of at least 5 tons per batch.

1.4 A factory engaging in petrochemical business that a by-product of oil refinery is used as its raw material in production process with an amount of at least 100 tons per day.

1.5 A factory, of all size, engaging in business relating to natural gas separation.

1.6 A factory engaging in business relating to chlor-alkaline that uses NaCl as a raw material in production of Na₂CO₃, NaOH, HCl, Cl₂, and NaOCl with a production capacity of at least 100 tons per day.

1.7 A factory engaging in business relating cement production of all size.

1.8 A factory engaging in business relating mineral excavation or metallurgy with a production capacity of at least 50 tons per day.

1.9 A factory engaging in business of pulp production of at least 50 tons per day.

1.10 A factory engaging in business relating crude oil refinery of all size.

Article 2 A supervisor and an operator responsible for pollution control system shall have academic background as follows:

2.1 A supervisor shall be graduated with Bachelor degree in engineering or sciences majoring in analytical chemistry or others with experience in environmental field and approved by Department of Industrial Works. For an engineering consultant firm, it should consist of person with such academic background.

2.2 An operator shall be graduated with junior high school certificate and endorsed by a person in 2.1.

2.3 Persons in 2.1 and 2.2 shall register with Department of Industrial Works according to criteria and procedure prescribed by Department of Industrial Works

Article 3 This notification shall, thus, enter into force after the expiration of 90 days from the date of its publication in the Government Gazette.

Announced on the 4th day of June B.E. 2525 (1982)

(signed)

Chatchai Chunhawan
(Major-General Chatchai Chunhawan)
Minister of Industry