

**Regulation of Department of Industrial Works**  
**Re: Private analytical laboratory**  
**B.E. 2528 (1985)**

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Pursuant to the Ministerial Notification No. 13 (B.E. 2525 (1982)) amended by the Ministerial Notification No. 22 (B.E. 2528 (1985)) issued pursuant to the Factory Act B.E. 2512 (1969) which states that a factory shall conduct a report on pollutant analysis and submit it to Department of Industrial Works, and the analysis must be done by public analytical laboratory or private analytical laboratory approved by Department of Industrial Works according to criteria and procedure prescribed by Department of Industrial Works, Department of Industrial Works hereby issues the regulation regarding private analytical laboratory as follows:

Article 1 This regulation shall be called “Regulation of Department of Industrial Works regarding private analytical laboratory B.E. 2528 (1985)”.

Article 2 “Pollutant” in this regulation shall mean indicators for water or air characteristics generated from factory operation.

Article 3 Specification of an analytical laboratory

3.1 Shall belong to a legal entity or a factory entrepreneur.

3.2 Shall employ a supervisor for an analytical laboratory who is at minimum graduated with Bachelor degree in sciences majoring in chemistry, sanitation or environment, or Bachelor degree in engineering majoring in chemical engineering, sanitary or environmental engineering. Shall also employ a technician for an analytical laboratory who is at minimum graduated with Bachelor degree in sciences majoring in chemistry, analytical chemistry or general sciences.

For a person with qualification other than those prescribed in paragraph one, Department of Industrial Works shall exercise its judgment on case by case basis.

3.3 Shall equip with instruments and equipment for water pollutant analysis in accordance with methods of Standard Methods for the Examination of Water and Wastewater ๒๑๓ APHA, AWWA and WPCF the latest edition, or of United States Environmental Protection Agency, or manual for wastewater analysis by Committee on establishment of manual for wastewater analysis, Environmental Research Institute, Chulalongkorn University, or other methods approved by Department of Industrial Works. Or shall equip with instruments and equipment for air pollutant analysis in accordance with Methods of Air Sampling and Analysis by APHA and colleagues, or those of United States Environmental Protection Agency or other standards approved by Department of Industrial Works.

3.4 Shall have ventilation system for polluted air generated from analysis, first-aid kit and fire extinguisher.

Article 4 Registration procedure

4.1 A legal entity or a factory entrepreneur, who is the owner of an analytical laboratory with specification prescribed in Article 3 and is not under punishment as in Article 7, shall submit an application for registration together with documentation to Department of Industrial Works by indicating pollutants to be analyzed. Once approves, Department of Industrial Works shall issue a letter granting registration as proof by indicating the pollutants that are permitted to be analyzed.

4.2 Registration shall be valid for three calendar year as from the year that Department of Industrial Works issues proof of registration. To renew registration, a request

shall be submitted to Department of Industrial Works together with Evaluation report for the three year period prior to expiration date of proof of registration. Once submitted the renewal request, it shall be considered as valid registration until Department of Industrial Works notifies otherwise.

4.3 A request form for registration and renewal of registration shall use the form annexed hereto.

Article 5 Once granted registration, the analytical laboratory shall analyze only pollutant permitted. If wishes to analyze pollutants other than those permitted, the laboratory shall submit an application for additional pollutant. Once approved by Department of Industrial Works, the laboratory can then perform the analysis fro such pollutant.

Article 6 An analytical laboratory granted registration shall consent to Department of Industrial Works to inspect the validity of analysis result and specification of the analytical laboratory at all times.

Article 7 Punishment: If an analytical laboratory lack of any specification prescribed in Article 3, falsify data, or obstruct an official to exercise this regulation, Department of Industrial Works shall consider withdrawal of registration and record on blacklist for registration for not more than three years.

This regulation shall enter into force on the day following the announcement date.

Announced on the 16<sup>th</sup> day of December B.E. 2528 (1985)

(signed) .....

(Mr.Pisarn Kongsamran)

Director-General of Department of Industrial Works