

Regulation of Department of Industrial Works
Re: Preparation of a report of analysis of pollutant
B.E. 2528 (1985)

With reference to the Notification of Ministry of Industry No. 13 (B.E. 2525 (1982)), amended by the Notification of Ministry of Industry No. 22 (B.E. 2528 (1985)), dated 31st May B.E. 2528 (1985) issued pursuant to the Factory Act B.E. 2512 (1969), a factory shall prepare a report of analysis of pollutant and shall submit it to Department of Industrial Works every three months in accordance with the form and method prescribed by the Department. Department of Industrial Works hereby issues the regulation on preparation of a report of analysis of pollutant as follows:

Article 1 This regulation shall be called “Regulation of Department of Industrial Works, Re: Preparation of report of analysis of pollutant B.E. 2528 (1985)”

Article 2 Department of Industrial Works shall prescribe details and pollutants required to be analyzed.

Article 3 Collection, Preservation, and Analysis of sample.

3.1 For a collection of water sample, grab sampling or composite sampling methods shall be used as prescribed by Department of Industrial Works. Preservation and analysis of sample shall be in accordance with the standard in Standard Methods for the Examination of Water and Wastewater, latest edition, by APHA, AWWA, and WPCF, or with the standard of United States Environmental Protection Agency, or with Manual for Wastewater Analysis by Committee on Preparation of Manual for Wastewater Analysis, Environmental Research Institute, Chulalongkorn University, or with other standards approved by Department of Industrial Works.

3.2 For an air sample, collection, preservation and analysis shall be in accordance with Methods of Air Sample and Analysis by APHA *et. Al.*, latest edition, with the standard of United States Environmental Protection Agency, or with other standards approved by Department of Industrial Works.

Article 4 Frequency and sampling location

4.1 Water sample

4.1.1 A factory having stabilization ponds shall collect wastewater sample at the point before entering the pond and effluent sample at the point of discharging

out of factory at least every month. In case there has not been effluent discharging out of a factory, a wastewater sample from the last pond shall be collected instead.

A factory having a wastewater storage pond who does not discharge its effluent shall collect wastewater sample at the point before entering the pond and a sample from wastewater in the pond at least every month. The sample from the pond shall be collected from the pond that has highest water level, has longest retention time, or others as prescribed by Department of Industrial Works, as the case may be.

4.1.2 A factory having wastewater treatment system other than those prescribed in 4.1.1 shall collect wastewater sample at the point before entering the system at least every month and effluent sample at the point of discharging out of a factory at least biweekly. However, a factory in Bangkok and its vicinity such as Samutprakarn, Nontaburi, Patumthani, Samutsakorn, and Nakornpathom, shall collect wastewater sample at the point before entering the system at least every month and effluent sample at the point of discharging out of a factory at least every week.

4.2 An air sample from the following location shall be collected at least every 3 months

4.2.1 In working area

4.2.2 At the point before entering an air pollution control system

4.2.3 At the point exiting an air pollution control system prior to emitting to atmosphere

4.3 A water sample and an air sample, other than what prescribed in 4.1 and 4.2, shall follow methods prescribed by Department of Industrial Works.

Article 5 Preparation of a report of analysis shall be as follows:

5.1 Form and table annexed to this Regulation shall be used as the form of report of analysis and table of analysis, respectively.

5.2 In case when analysis of pollutant shows a violation of discharged effluent against the Ministerial Notification or a violation of air quality in working area or emitting air against the standard of Department of Industrial Works, a supervisor shall describe, in written, a problem, obstacle, and proposed solution in the form of report of analysis.

5.3 Every form of report of analysis and table of analysis submitted to Department of Industrial Works shall be signed by the following person to endorse it.

5.3.1 A supervisor for a pollution control system who registers with Department of Industrial Works according to the Regulation of Department of Industrial

Works, regarding registration of supervisor and operators for pollution control system B.E. 2528 (1985).

5.3.2 A factory owner.

5.4 One copy each of form of report of analysis and table of analysis shall be kept at a factory to be available for inspection by an official at all times. Another copy shall be collected and submitted to Department of Industrial Works every 3 months by the 15th of the following month.

This Regulation shall enter into force on the day following the date of its publication in the Government Gazette.

Announced on the 16th December B.E. 2528 (1985)

(signed)

(Mr. Pisarn Kongsamraan)

Director-General of Department of Industrial Works