

(Garuda Emblem)

Notification of Ministry of Industry
Re: Lenient values of Industrial Effluent Standard from those prescribed in the
Notification of Ministry of Industry No. 2 (B.E. 2539 (1996))
regarding Industrial Effluent Standard

In reference to article 2(15), (16), (17) of the Ministerial Notification No. 2 (B.E.2539 (1996)) regarding industrial effluent standard that authorizes Department of Industrial Works to prescribe effluent characteristics that are Biochemical Oxygen Demand (BOD), Total Kjeldahl Nitrogen (TKN) and Chemical Oxygen Demand (COD) to be different values from those being prescribed in the Ministerial Notification depending upon effluent quantity, type of receiving water or factory type.

Department of Industrial Works, thus, hereby issues the notification prescribing lenient values of industrial effluent standard from those prescribed in the Notification of Ministry of Industry No. 2 (B.E. 2539 (1996)) regarding Industrial Effluent Standard as follows:

Article 1 Biochemical Oxygen Demand (BOD) 5 days at 20°C shall not exceed 60 milligrams per liter for the following types of factory on the list annexed to the Ministerial Regulation (B.E.2535 (1992)) issued pursuant to the Factory Act B.E.2535 (1992).

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| 1.1 | Type 4(1) | A factory doing business related to animal slaughter house, other than aquatic animal. |
| 1.2 | Type 9(2) | A factory doing business related to flour production from plant seed or root. |
| 1.3 | Type 10 | A factory doing business related to manufacturing of food from flour, either one or many of the following. |
| | (1) | Bakery |
| | (2) | Manufacturing of cookies or biscuits |
| | (3) | Processing of dried food |
| 1.4 | Type 15 | A factory doing business related to manufacturing of animal feed, either one or many of the following. |
| | (1) | Manufacturing of mixed food or instant food for animal feed. |
| | (2) | Grinding of plants, plant seed, plant residue, animal meat, animal bone or seashell for producing or mixing animal feed. |
| 1.5 | Type 22 | A factory doing business related to textiles, thread or wool (other than asbestos), either one or many of the following. |
| | (1) | Nourishing, carbonizing, unweaving, rolling, drying, spiraling, texturing, or dyeing of wool. |
| | (2) | Weaving or preparation of thread for weaving. |
| | (3) | Bleaching, dyeing or finishing of textiles. |
| | (4) | Textile printing. |

- 1.6 Type 29 A factory doing business related to leather preparation and finishing process.
- 1.7 Type 38 A factory doing business related to pulps and paper, either one or many of the following.
- (1) Manufacturing of pulps from wooden or other materials.
 - (2) Manufacturing of paper, cardboard or construction fiber or fiberboard.
- 1.8 Type 42 A factory doing business related to chemical other than fertilizers.
- (1) Manufacturing of chemicals.
 - (2) Storage, transfer, sorting, selection or packing of hazardous chemicals.
- 1.9 Type 46 A factory doing business related to pharmaceuticals.
- (1) Manufacturing of pharmaceuticals approved in Thai Pharmacopoeia as announced by Public Health Minister.
 - (2) Manufacturing of materials intended for analysis, treatment, alleviation, cure or prevention of disease or illness of human or animal.
 - (3) Manufacturing of materials intended for health improvement of human or animal as announced by Public Health Minister.
- Materials under (1) and (2) shall not include those having intended uses as food, sport, cosmetics, medical treatment and part of equipment for such purpose.

- 1.10 Type 92 Cold storage

Article 2 Total Kjeldahl Nitrogen (TKN) shall not exceed 200 milligrams per liter for the following types of factory on the list annexed to the Ministerial Regulation (B.E.2535 (1992)) issued pursuant to the Factory Act B.E.2535 (1992).

- 2.1 Type 13(2) A factory doing business related to food seasonings.
- 2.2 Type 15(1) A factory doing business related to mixed or instant animal feed.

Article 3 Chemical Oxygen Demand (COD) shall not exceed 400 milligrams per liter for the following types of factory on the list annexed to the Ministerial Regulation (B.E.2535 (1992)) issued pursuant to the Factory Act B.E.2535 (1992).

- 3.1 Type 13(2) A factory doing business related to food seasonings.
- 3.2 Type 15(1) A factory doing business related to mixed or instant animal feed.
- 3.3 Type 22 A factory doing business related to textiles, thread or wool (other than asbestos), either one or many of the following.

- (1) Nourishing, carbonizing, unweaving, rolling, drying, spiraling, texturing, or dyeing of wool.
 - (2) Weaving or preparation of thread for weaving.
 - (3) Bleaching, dyeing or finishing of textiles.
 - (4) Textile printing.
- 3.4 Type 29 A factory doing business related to leather preparation and finishing process.
- 3.5 Type 38 A factory doing business related to pulps and paper, either one or many of the following.
- (1) Manufacturing of pulps from wooden or other materials.
 - (2) Manufacturing of paper, cardboard or construction fiber or fiberboard.

Announced on the 18th day of February B.E. 2540 (1997)

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Director-General of Department of Industrial Works

(Published in the Government Gazette, Volume 114, Part 71d, dated 4th September B.E. 2540(1997))