

**QUALITY STANDARD OF WASTE WATER OF BUSINESS AND/OR INDUSTRIAL
ACTIVITY OF PURIFIED TEREPHTHALIC ACID AND POLY ETHYLENE TEREPHTHALATE
(Regulation of the State Minister for Environmental Affairs Number 10 Year 2007 dated July 4, 2007)**

THE STATE MINISTER FOR ENVIRONMENTAL AFFAIRS,

Considering:

- a. that in order to conserve the environment function, it is necessary to control businesses and/or activities potential to pollute the environment;
- b. that in order to prevent the pollution from the business and/or the industrial activity of purified terephthalic acid and poly ethylene terephthalate, efforts to control water pollution are needed by stipulating the quality standard of waste water of business and/or the industrial activity of purified terephthalic acid and poly ethylene terephthalate;
- c. that in according with the consideration as referred to in letters a and b as well as to execute the provision in Article 21 paragraph (1) of Government Regulation Number 82 Year 2001 regarding the Management of Water Quality and Control over Water Pollution, it is necessary to stipulate a Regulation of the State Minister for Environmental Affairs regarding the Quality Standard of Waste Water of Business and/or the Industrial Activity of purified terephthalic acid and poly ethylene terephthalate;

In view of:

1. Law Number 5 Year 1984 regarding the Industry (Statute Book of the Republic of Indonesia Year 1984 Number 22, Supplement to Statute Book Number 3274);
2. Law Number 23 Year 1997 (**BN Number 6092 pages 19A-20A and so on**) regarding the Management of Life Environment (Statute Book of the Republic of Indonesia Year 1997 Number 68, Supplement to Statute Book Number 3699);
3. Law Number 7 Year 2004 (**BN Number 7077 pages 16A-32A and so on**) regarding Water Resource (Statute Book of the Republic of Indonesia Year 2004 Number 32, Supplement to Statute Book No. 4377);
4. Law Number 32 Year 2004 (**BN Number 7183**

pages 1A-11A and so on) regarding Regional Administration (Statute Book of the Republic of Indonesia Year 2004 Number 125, Supplement to Statute Book Number 4437) as already amended with Law Number 8 Year 2005 regarding the Stipulation of Government Regulation in lieu of Law Number 3 Year 2005 (7285/3B) regarding the Amendment to Law Number 32 Year 2004 (BN Number 7218 pages 20A-21A) regarding Regional Administration to become a law (Statute Book of the Republic of Indonesia Year 2005 Number 108, Supplement to Statute Book Number 4548);

5. Government Regulation Number 27 Year 1999 (**BN Number 6442 pages 10A-12A and so on**) regarding Environmental Impact Analysis (Statute Book of the Republic of Indonesia Year 1999 Number 59, Supplement to Statute Book Number 3838);
6. Government Regulation Number 82 Year 2001 regarding the Management of Water Quality and the Controlling of Water Pollution (Statute Book of the Republic of Indonesia Year 2001 Number 153, Supplement to Statute Book Number 4161);
7. Presidential Regulation Number 9 Year 2005 (**BN Number 7182 pages 2A-23A**) regarding Position, Duty, Function, Authorization, Organization Chart, and Working Procedure of State Ministry of the Republic of Indonesia, as already amended several times and the latest by Presidential Regulation Number 94 Year 2006;

D E C I D E S :

To stipulate:

THE REGULATION OF THE STATE MINISTER FOR ENVIRONMENTAL AFFAIRS REGARDING the QUALITY STANDARD OF WASTE WATER OF BUSINESS AND/OR INDUSTRIAL ACTIVITY OF PURIFIED TEREPHTHALIC ACID AND POLY ETHYLENE TEREPHTHALATE.

Article 1

Referred to in this regulation as:

1. Industry of Purified Terephthalic Acid (PTA) is a business and/or activity which executes the oksidasi process of para xylene becomes the staple supply for the industry of poly ethylene terephthalate and polyester.
2. Industry of Poly Ethylene Terephthalate (PET) is a business and/or activity which executes the management of PTA and ethylene glycol becomes the polymer as semi-finished goods.
3. Quality Standard of waste water is the limit or standard of polluted substance and/or amount of polluted substance which is considered its existence in waste water which shall be thrown or released into the water source from a business and/or activity.
4. Water source is water place which is above and under the land surface, including aquifer, spring, river, swamp, lake, situ, rumen, and estuary.
5. Waste water is the remains from a result of a business and/or activity in a liquid form.
6. Quantity of maximum of waste water is amount of the highest of waste water which is still allowed to be thrown into the water source of each product unit.
7. Maximum standard is the size of the highest limit of a substance of polluted into the waste water.
8. Point of compliance is one or more of locations which is became the reference for monitoring in order of the management of quality standard of waste water.
9. Minister is the minister who applies the governmental matter in the field of management of life environment.

Article 2

- (1) Quality standard of waste water for business and/or industrial activity of PTA is as mentioned in the Attachment I of this Regulation of Minister.
- (2) Quality standard of waste water for business and/or industrial activity of PET is as mentioned in the Attachment II of this Regulation of Minister.

(3) Quality standard of waste water for business and/or industrial activity of PTA and PET which execute the management of waste water as unity is determined according to the method of calculation as mentioned in the Attachment III of this Regulation of Minister.

(4) Enclosures as referred at paragraph 1, 2, and 3 is as an inseparable part from this Regulation of the Minister.

Article 3

Quality standard of waste water for business and/or the activity of rayon industry as referred in Article 2 paragraph 1, 2 and 3 is stipulated according with the standard and the quantity of waste water.

Article 4

Quality standard of waste water for business and/or the activity of rayon industry as mentioned in the Attachment of this Regulation of Minister shall not be exceeded each time.

Article 5

- (1) Region shall stipulate the quality standard of waste water for business and/or the industrial activity of PTA and PET with the equal provision or tighter from the provision as mentioned in Article 2 paragraph 1 and 2.
- (2) Quality standard of waste water as referred at paragraph 1 is stipulated with the regulation of the region of province.

Article 6

In case the result of properness inspection of Analyzes Regarding the Effect of Life Environment (AMDAL) or the recommendation of the Effort of Management of Life Environment (UKL) and the Effort of Monitoring of Life Environment (UPL) from the business and/or the industrial activity of PTA and PET requires tighter quality standard of waste water from quality standard of waste water as referred to in Article 2 paragraph 1, Article 2 paragraph 2, Article 2 paragraph 3, or Article 5 paragraph 1, the quality standard of waste water for business and the activity of PTA and/or PET which is required by AMDAL or recommendation from UKL and UPL shall apply.

Article 7

In case of the result of inspection regarding the released of waste water for business and/or the activity of PTA and PET requires tighter of quality standard of waste water than the quality standard of waste water as referred in Article 2 paragraph 1, Article 2 paragraph 2, Article 2 paragraph 3, Article 5 paragraph 1, or Article 6, the permitted requirement for waste water release shall apply to the quality standard of waste water according to the inspection result.

Article 8

The personnel in responsible of the business and/or the activity of rayon industry obliges:

- a. To execute the management of waste water therefore the quality of waste water which shall be thrown to the water source does not exceed the quality standard of waste water which has already stipulated in the Attachment of this Regulation of Minister.
- b. To use the waterworks of waste water release which is waterproof therefore the infiltration of waste water do not happen to the environment;
- c. To put the calculation tools of debit or flow of waste water and executes the note of daily debit of the waste water;
- d. To avoid the thinning of waste water, including the mixing of the water exile of cooler used into the flow of the exile of waste water;
- e. To record monthly production decidedly;
- f. To separate the waterworks of the exile of waste water with the waterworks run off of rain water;
- g. To execute the daily monitoring of the quality of parameter of the quality standard of waste water, for parameter pH and COD;
- h. To stipulate the point of compliance for the taking of test example;
- i. To check periodically the parameter standard of quality standard of waste water as mentioned in the Attachment of this Regulation of Minister at least 1 (one) time in 1 (one) month to the accredited laboratory;
- j. To submit periodically the report of daily debit of waste water, notes of monthly production, daily monitoring of the parameter standard of waste water, and the result of laboratory analyzes on the quality standard of waste water as referred in letter c, e, g, and i at least 1 (one) time in 3 (three) months to the Regent/Mayor, with the carbon copy to the Governor or Minister, also another related institution according with the regulation and law; and
- k. To report to the Regent/Mayor, with the carbon copy to the Governor and Minister regarding the exceeding of the quality standard because of the ceasing condition of part or entire of operation activity until the re started of the operation activity along with the details of its handling activity.

Article 9

The Regent/Mayor obliges to mention the quality standard of waste water as referred in Article 2 paragraph 1, Article 2 paragraph 2, Article 2 paragraph 3, Article 5 paragraph 1, Article 6 or Article 7 and the obligation as referred in Article 8 into the permit of the waste water release for business and/or the industrial activity of PTA and PET.

Article 10

At the time of the effectiveness of this Regulation of the Minister, all regulation which are related with the quality standard of waste water for business and/or the industrial activity of PTA and PET which has already existed are stated still valid as long as do not in contrary with the provision in this Regulation of the Minister.

Article 11

This Regulation of the Minister shall take effect on the stipulated date.

Ratified in Jakarta

On July 4, 2007

THE STATE MINISTER OF LIFE ENVIRONMENT

sgd.

Ir. RACHMAT WITOELAR

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