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Regulations on Governing the Use and Quality Standards of Reclaimed Water

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Legislative History: A Total of 5 articles were promulgated on October 17, 2016 by the ordinance of the Ministry of Economic Affairs Ref. No. Ching-Shui-Tzu 10504605070

Article 1 These Regulations are enacted pursuant to Paragraph 2 of Article 7 of the Reclaimed Water Resources Development

Act.

Article 2 The quality of reclaimed water shall meet the water quality requirements in the following Subparagraphs, where

the hydrogen ion concentration is a tolerance range and the remaining water quality requirements are the

maximum allowable limit:

1. Hydrogen ion concentration: 6.0-8.5.
2. Turbidity: 5 NTU.
3. Total organic carbon: 10 mg/L(Liter).
4. Ammonia nitrogen (calculated as nitrogen): 10 mg/L(Liter).With reclaimed water

used for domestic water

consumption and other water uses as landscaping, watering, washing, sprinkling to reduce dust and toilet flushing,

in addition to complying with the provisions of the preceding Paragraph, the

following requirements shall also be

met:

1. Minimum residual chlorine: 0.4 mg/L(Liter) of combined residual chlorine; 0.1 mg/L of free residual chlorine.
2. Maximum allowable limit for coliform group (membrane filtration method): 200 CFU/100mL.

Article 3 The following matters shall be followed by reclaimed water operators:

1. Automatic water quality monitoring equipment for each of the water quality items in Paragraph 1 of the preceding

Article shall be set up at appropriate locations for the water supply facility, and shall be periodically calibrated

according to the brand and specifications or by the cycle and method specified by the equipment manufacturer.

2. Every three months, an environmental test and determination organization that has been issued a permit by the

Environmental Protection Administration of the Executive Yuan shall be appointed to conduct water sampling for

the reclaimed water and water quality testing for the various water quality requirements in the Subparagraphs of

the preceding Article at appropriate locations for the water supply facility. Within 30 days from the completion date

of the inspection results, the results for the sampling and water quality testing shall be transmitted to the

electronic database designated by the central competent authority through the Internet. The monitoring and

calibration records for the automatic water quality monitoring equipment in Subparagraph 1 of the preceding

Paragraph shall be recorded in writing and shall be kept for five years from the date of making.

Article 4 The following matters shall be followed when using reclaimed water:

1. If the reclaimed water is used for the purposes in Paragraph 2 of Article 2, a reclaimed water notice sign shall be placed at the appropriate spot and notices for use shall be indicated.
2. The reclaimed water supply pipelines shall not be connected to other pipelines that supply drinking water sources.
3. The exposed parts of the reclaimed water supply pipelines shall be in purple, and the name of the fluid and its flow direction shall be indicated in white text at prominent locations on the pipelines.

Article 5 These Regulations become effective as of the date of promulgation.