

Legal basis and applicable entity

Control

After 2017/12/29

Art. 46 (1) of the Water Pollution Control Measures and Test Reporting Management Regulations

Applicable entities: livestock industry engaged in pig or cattle farming

The ratio of the transforming animal excreta into resources for newly registered animal farms should be 10% of its total waste water volume

Art. 49 (5) of the Water Pollution Control Measures and Test Reporting Management Regulations

Applicable entities: newly registered animal farms keeping 20 to 199 pigs.

Obtain a water or sewage management plan approved by the competent authority.

Art. 49 (9) of the Water Pollution Control Measures and Test Reporting Management Regulations

Applicable entities: wafer foundry and semiconductor manufacturing, optoelectronic materials and components manufacturing, PCB manufacturing, electroplating and metallic surface treatment industry

Applicable conditions	Types of wastewater from production process shall be collected and treated through a split-flow process	
Newly established enterprises	Wafer foundry and semiconductor manufacturing	<ul style="list-style-type: none">Wastewater from grinding or cuttingFluoric series wastewater (with F element)
Existing enterprises introducing new production process and facility for the treatment of wastewater or sewage	Optoelectronic materials and components manufacturing	<ul style="list-style-type: none">Organic wastewater containing TMAHCyanogen series wastewater (containing Cn element)
	PCB	<ul style="list-style-type: none">Chromium series wastewater (containing Cr element)Cooper series waste (containing Cu element)
By-pass discharge that required improvement	Manufacturing	
Ordered by the competent authority for discontinuation of operation or business and petition for reinstatement of operation or business	Electroplating	<ul style="list-style-type: none">Cyanogen series wastewater (containing Cn element)
	Metallic surface treatment industry	<ul style="list-style-type: none">Chromium series wastewater (containing Cr element)

After 2018/01/01

Art. 49 (8) of the Water Pollution Control Measures and Test Reporting Management Regulations

Applicable entities: Power plants using coal as fuel and the management of mercury (documentation and report)

1. Document the source, total amount of mercury contained, daily use, and monthly use for each batch of coal
2. Report sources, total amount of mercury contained, and monthly use by the end of the 1st and 7th months.

Classifications and additional enterprises under the Water Pollution Control Measures and Test Reporting Management Regulations

Applicable entities: Businesses of animal excreta or bioenergy treatment center (or methane recycling center) and the reclaimed water operators

1. Businesses of animal excreta or bioenergy treatment center (or methane recycling center): enterprises that collect and treat stock excreta to generate liquor and fiber digestate.
2. Reclaimed Water Operator: businesses permitted under the Reclaimed Water Resources Development Act to initiate reclaimed water development project and provide systemic reclaimed water to others.

Before 2017/12/31

Art. 61 of the Permission Regulations

Applicable entities: Businesses of animal excreta or bioenergy treatment center (or methane recycling center) and the reclaimed water operators

Art. 61 of the Permission Regulations stipulate that enterprises that had been in operation before the classification and definition took effect on January 1st 2018 shall acquire the approval documents or permits (documents) for their Pollution Control Measures by December 31st 2018.

Art. 106 of the Water Pollution Control Measures and Test Reporting Management Regulations

Applicable entities: Public sewage systems with permission of discharge capacity of more than 5,000 CMD.

Install automatic monitoring systems to monitor water quantity and quality, CCTV, and data transmission systems in accordance with Art. 105 (1) of the Water Pollution Control Measures and Test Reporting Management Regulations.

After 2019/05/01

Newly added types of enterprises

Seawater desalination plants

Businesses engaged in collecting and desalinating seawater for others to use.

Newly added types of enterprises

Enterprises engaged in quantity control for reduction of total phosphorous in the reservoir in a controlled area

Enterprises engaged in quality control for reduction of total phosphorous in the reservoir in a controlled area: entities operating in controlled areas that are governed by measures announced by the competent authority of respective municipalities, counties, or cities.

After 2019/07/01

Newly added types of enterprises

Subtypes of animal excreta or bioenergy treatment center (or methane recycling center)

Enterprises that collects animal excreta or liquor and fiber digestate to cultivate algae, rotifers, water fleas, and other aqua products

Newly added types of enterprises

Steam supply facilities

Enterprises that set up boilers to produce, deliver, and supply steam to other businesses and thus produce wastewater. However, the preceding sentence is not applicable to those use natural gas only.

Art. 106 of the Water Pollution Control Measures and Test Reporting Management Regulations

Applicable entities: public sewage systems with permission of discharge capacity of more than 1,500 CMD but less than 5,000 CMD.

Install automatic monitoring systems to monitor water quantity and quality, CCTV, and data transmission systems in accordance with Art. 105 (1) of the Water Pollution Control Measures and Test Reporting Management Regulations

Before 2018/12/31

Art. 49 (5) of the Water Pollution Control Measures and Test Reporting Management Regulations

Applicable entities: animal farms keeping 100 to 199 pigs.

Obtain a water or sewage management plan approved by the competent authority.

After 2020/07/01

Art. 106 of the Water Pollution Control Measures and Test Reporting Management Regulations

Applicable entities: public sewage systems with permission of discharge capacity of more than 1,500 CMD but less than 5,000 CMD.

Install automatic monitoring systems to monitor water quantity and quality, CCTV, and data transmission systems in accordance with Art. 105 (1) of the Water Pollution Control Measures and Test Reporting Management Regulations

Before 2020/12/31

Art. 49 (5) of the Water Pollution Control Measures and Test Reporting Management Regulations

Applicable Entities: animal farms keeping 20 to 99 pigs.

Obtain a water or sewage management plan approved by the competent authority.

Before 2022/12/29

Art. 46 (1) of the Water Pollution Control Measures and Test Reporting Management Regulations

Applicable entities: animal farms keeping more than 2,000 pigs or more than 500 cattle.

The ratio of the treatment of animal excreta for regenerated energy shall be 5% of the total capacity of wastewater

Before 2025/12/29

Art. 46 (1) of the Water Pollution Control Measures and Test Reporting Management Regulations

Applicable entities: animal farms keeping 20 to 1999 pigs or 40 to 499 cattle.

The ratio of the treatment of animal excreta for regenerated energy shall be 5% of the total capacity of wastewater

Before 2027/12/29

Art. 46 (1) of the Water Pollution Control Measures and Test Reporting Management Regulations

Applicable entities: animal farms keeping more than 2,000 pigs or 500 cattle.

The ratio of the treatment of animal excreta for regenerated energy shall be 10% of the total capacity of wastewater

Before 2029/12/29

Art. 46 (1) of the Water Pollution Control Measures and Test Reporting Management Regulations

Applicable entities: animal farms keeping 20 to 1999 pigs or 40 to 499 cattle.

The ratio of the treatment of animal excreta for regenerated energy shall be 10% of the total capacity of wastewater