

JIS

JAPANESE INDUSTRIAL STANDARD

Testing Methods of pH Controlling Equipments

JIS B 9940—1987

Translated and Published

by

Japanese Standards Association

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.



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Testing Methods of pH
Controlling Equipments

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1. Scope

This Japanese Industrial Standard specifies the testing items and testing methods required for grasping the performance under using condition of the neutralization equipment to control at a suitable pH (neutral range of pH) for final discharge flow of acidic or alkaline waste water or of the pH controlling equipment to deposite the dissolved substances contained in waste water or to control at an arbitrary pH as the pretreatment of following equipments.

Remark: The units and numerical values given in { } in this Standard are in accordance with the traditional units and are appended for informative reference.

2. Definitions

For the purpose of this Standard main definitions are in accordance with JIS Z 8802, JIS Z 8805, JIS B 8530, JIS K 0102 and JIS K 3211, and for others the followings apply.

- (1) neutralization agents Agents to be used for neutralization of acidic or alkaline waste water.
- (2) pH controlling equipment The equipment for controlling pH of waste water, including neutralization equipment.

3. Test Items of pH Controlling Equipments

The items required for tests of pH controlling equipment shall be selected from the following:

- (1) Temperature of waste water at inlet of pH controlling equipment and of treated water at outlet
- (2) Flow rate of waste water at inlet of pH controlling equipment and of treated water at outlet
- (3) pH of waste water at inlet of pH controlling equipment and of treated water at outlet
- (4) Electric conductivity (conductivity) of waste water at inlet of controlling equipment and of treated water at outlet

Applicable Standards: See page 5.