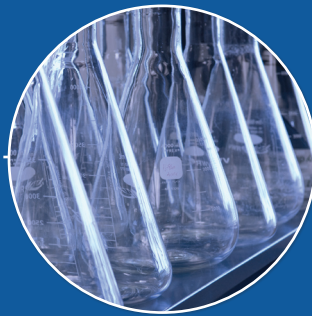




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Glossary of Drinking Water
Treatment Unit Terminology



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Foreword²

The purpose of this Glossary is to provide a single resource containing all of the technical terms used in all NSF Drinking Water Treatment Unit Standards. With all NSF Drinking Water Treatment Unit definitions located in one document, and not in the individual Drinking Water Treatment Unit Standards, greater consistency will be achieved, as changes to a given definition will affect all other Drinking Water Treatment Unit Standards simultaneously once adopted in the Glossary. In addition, the Glossary of Drinking Water Treatment Unit Terminology may serve as a reference tool within the industry.

This Glossary was developed by the NSF Joint Committee on Drinking Water Treatment Units using the consensus process described by the American National Standards Institute.

Suggestions for improvement of this Glossary are welcome. Comments should be sent to Chair, Joint Committee on Drinking Water Treatment Units, c/o NSF International, Standards Department, P.O. Box 130140, Ann Arbor, Michigan 48113-0140, USA.

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NSF Standard for Drinking Water Treatment Units —

Glossary of drinking water treatment unit terminology

1 General

1.1 Purpose

This Standard establishes definitions for drinking water treatment units and related components.

1.2 Scope

Definitions covered by this Standard consist of terminology related to drinking water treatment units including terms describing materials, design, construction, and performance testing. This Standard includes definitions of terms used in NSF Drinking Water Treatment Unit Standards.

2 Normative references

The following documents contain provisions that, through reference, constitute provisions of this Standard. At the time this Standard was balloted, the editions listed below were valid. All documents are subject to revision, and parties are encouraged to investigate the possibility of applying the recent editions of the documents indicated below.

3 Definitions

3.1 absorption: The penetration of one substance into another substance.

3.2 accessible: Fabricated to be exposed for cleaning and inspection using simple tools (e.g., screwdriver, pliers, open-end wrench).

3.2.1 readily accessible: Fabricated to be exposed for cleaning and inspection without the use of tools.

3.3 active agent: A substance or medium added to or involved in a drinking water treatment process that requires direct or sacrificial release of the agent or its degradation product(s) to perform a specific functions.

3.4 additive: A substance added to water, directly or indirectly, during a drinking water treatment process.

3.5 adsorption: The physical process occurring when liquids, gases, or dissolved or suspended matter adhere to the surface of or in the pores of a medium.

3.6 advisory concentration: The minimum concentration attainable for a given substance using good manufacturing practices and appropriate process controls. In some cases, the advisory concentration is equal to the limit of detection of the preferred analytical method for the substance.