

NSF International Standard / American National Standard

NSF/ANSI 418 - 2014

Residential Wastewater

Effluent Filters Longevity Testing









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NSF International Standard/ American National Standard for Wastewater Technology –

Effluent filters field – longevity testing

Standard Developer

NSF International

NSF International

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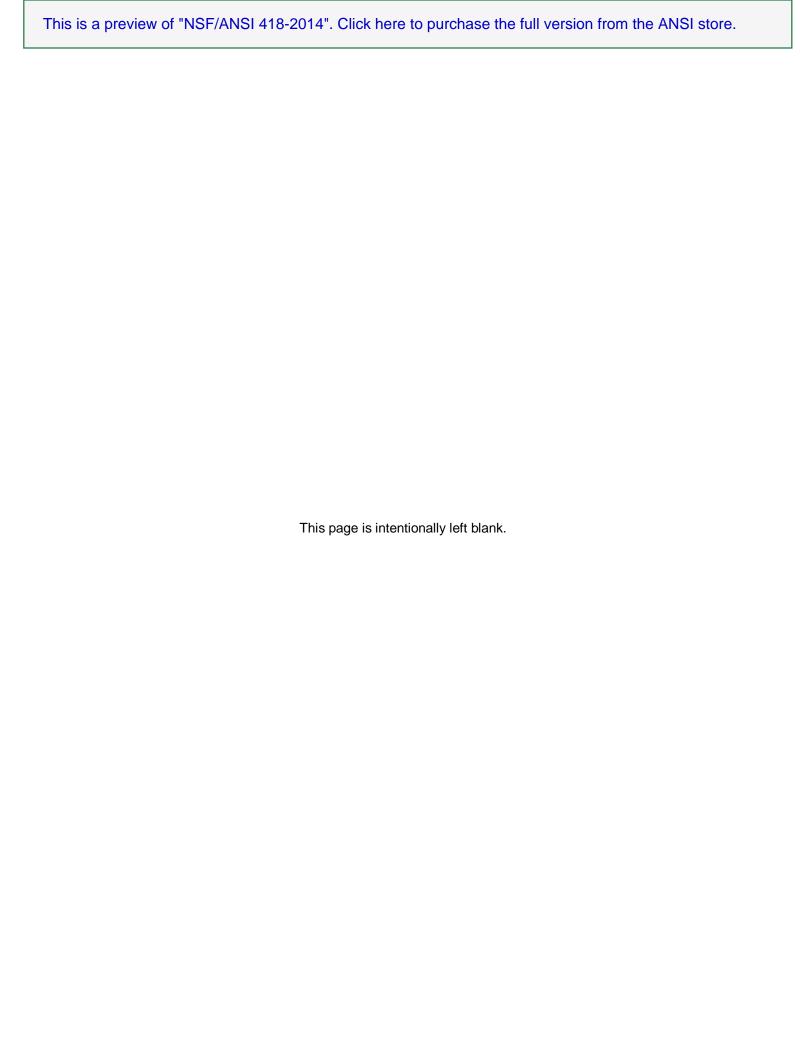
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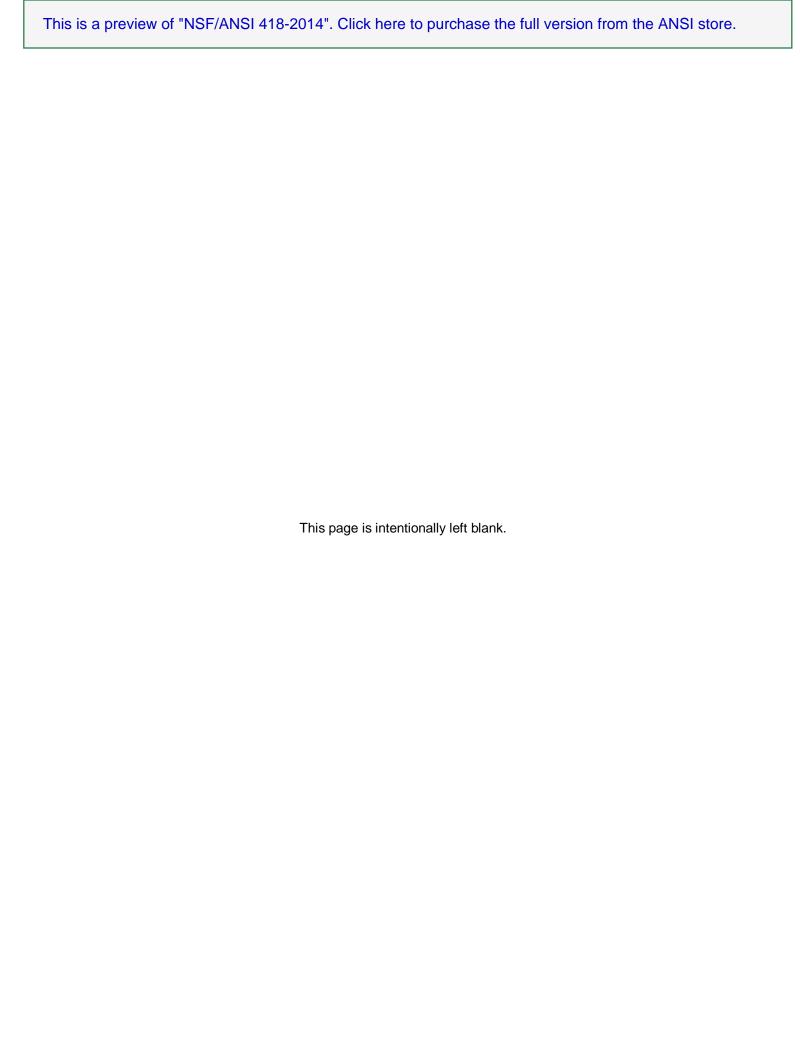
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Foreword²

This American National Standard, NSF/ANSI 418 Effluent Filters Field Longevity Testing has been created to address field testing of effluent filters for performance. The Standard provides requirements for site selection, auditing, and methods for evaluating the field performance as it relates to the longevity of septic tank effluent filters.

This Standard was developed by the NSF Joint Committee on Wastewater Technology using the consensus process described by the American National Standards Institute.

Suggestions for improvement of this Standard are welcome. This Standard is maintained on a Continuous Maintenance schedule and can be opened for comment at any time. Comments should be sent to Chair, Joint Committee on Drinking Water Treatment Units at standards@nsf.org, or c/o NSF International, Standards Department, P.O. Box 130140, Ann Arbor, Michigan 48113-0140, USA.

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NSF/ANSI Standard for Wastewater Technology –

Wastewater Technology – Effluent filters field longevity testing

1 General

1.1 Purpose

The purpose of this standard is to establish consistent site selection and data evaluation methods for obtaining field longevity results for septic tank effluent filters.

1.2 Scope

This Standard provides site selection, auditing, and methods for evaluating the field performance as it relates to longevity of septic tank effluent filters.

Only septic tank effluent filters that are certified in accordance with the current version of NSF/ANSI 46 may be certified under this Standard. An effluent filter that has completed third-party testing in compliance with an evaluation, certification and listing protocol equivalent to NSF/ANSI 46 shall be acceptable, provided all data pursuant to the testing is published and the results verify that the device is capable of performance as defined in NSF/ANSI 46.

2 Normative references

The following documents contain provisions that, through reference in this text, constitute provisions of this Standard. At the time of publication, the indicated editions were valid. All of the standards are subject to revision and parties are encouraged to investigate the possibility of applying the recent editions of the standards indicated below. The most recent published edition of the document shall be used for undated references.

ASTM C-1227-12. Standard Specification for Precast Concrete Septic Tanks

NSF/ANSI 46. Evaluation of components and devices used in wastewater treatment systems, Section 10 – Filtration devices for residential gravity flow septic tank systems

3 Definitions

The following are definitions of terms used in this document:

- 3.1 manufacturer: The entity that develops, designs, and produces septic tank effluent filters.
- **3.2 residential:** Single family dwellings, occupied on a year round basis.