Drinking water treatment units – Aesthetic effects

NSF International Standard/
American National Standard

NSF/ANSI 42–2007a

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NSF International Standard/
American National Standard
for Drinking Water Treatment Units –

Drinking water treatment units – Aesthetic effects

Standard Developer

NSF International

Adopted October 22, 2007
NSF International

Designated as an ANSI Standard
October 22, 2007
American National Standards Institute

Prepared by
The NSF Joint Committee on Drinking Water Treatment Units

Recommended for adoption by
The NSF Council of Public Health Consultants

Adopted by
The NSF Board of Directors
March 1973

Revised June 1982
Revised June 1988
Revised September 1996
Revised September 1997
Revised November 1998
Revised September 1999
Revised July 2000
Revised November 2000
Revised January 2001
Revised January 2002
- Addendum 1.0 – June 2002
- Addendum 2.0 – October 2002
- Editorial revision, November 2003
- Addendum 1.0 – August 2004

Revised April 2005
- Editorial revision, June 2005

Revised July 2007
Revised October 2007

Published by

NSF International
PO Box 130140, Ann Arbor, Michigan 48113-0140, USA

For ordering copies or for making inquiries with regard to this Standard, please reference the designation "NSF/ANSI 42 – 2007a."

Printed in the United States of America.

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Contents

Foreword[2]

The purpose of this Standard is to establish minimum requirements for materials, design, construction, and performance of drinking water treatment units that are designed to reduce specific aesthetic-related contaminants in public or private water supplies. This Standard specifies the minimum product literature and labeling information that a manufacturer must supply to authorized representatives and system owners. Lastly, the Standard provides minimum service-related obligations that the manufacturer must extend to system owners.

This edition of the Standard contains the following revisions:

Issue 60

The revision made in this issue recommends not testing for Class III along with Classes I and II during nominal particulate reduction testing, and testing Class III using only ISO coarse test dust, changing the flow reduction from 75% to 50%. The revision also clarifies the language in 7.4.8.1 for sampling.

Issue 61

The revision made in this issue lowers the maximum contaminant concentration (MCC) for lead for material extraction testing from 0.015 mg/L to 0.010 mg/L in Table 1.

Issue 62

The revision made in this issue clarifies the formulation review requirements and provides consistency between the Drinking Water Treatment Unit Standards and NSF/ANSI 60 and NSF/ANSI 61. These modifications included:

4 Materials

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4.1.1 Complete formulation information on any material not certified as specifically compliant with the sections of the U. S. Code of Federal Regulations, Title 21, listed in table 3, shall be reviewed to determine whether the material presents a health effects concern in contact with drinking water and to assess the material's potential for contributing contaminants to the drinking water. As a minimum level of information for those materials requiring submission of formulation information, the complete chemical identity and proportion by weight (in some cases approximate weights or proportions may suffice) and ingredient sources of supply shall be provided.

The following additional information is required when available;

– a list of the known or suspected impurities within the product or material and the maximum percent or parts by weight of each impurity;

– the water solubility, hydrolysis products, and extraction rates of chemicals within the product or material; and

– a list of toxicological studies relevant to the chemicals and impurities present in the product,

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