

NSF International Standard / American National Standard

NSF/ANSI 59 - 2011

Mobile Food Carts









NSF International, an independent, notfor-profit, non-governmental organization, is dedicated to being the leading global provider of public health and safetybased risk management solutions while serving the interests of all stakeholders.

> This Standard is subject to revision. Contact NSF to confirm this revision is current.

Users of this Standard may request clarifications and interpretations, or propose revisions by contacting:

Chair, Joint Committee on Food Equipment
NSF International
789 North Dixboro Road, P.O. Box 130140
Ann Arbor, Michigan 48113-0140 USA
Phone: (734) 769-8010 Telex: 753215 NSF INTL
FAX: (734) 769-0109
E-mail: info@nsf.org

E-mail: info@nsf.org Web: http://www.nsf.org

This is a preview of "NSF/ANSI 59-2011". Click here to p	purchase the full version from the ANSI store.
--	--

NSF/ANSI 59 - 2011

NSF International Standard/ American National Standard for Food Equipment —

Mobile food carts

Standard Developer

NSF International

Designated as an ANSI Standard May 2, 2011

American National Standards Institute

This is a preview of "NSF/ANSI 59-2011". Click here to purchase the full version from the ANSI store.

Prepared by

The NSF Joint Committee on Food Equipment

Recommended for Adoption by

The NSF Council of Public Health Consultants

Adopted by The NSF Board of Directors June 1986

Revised July 1997 Revised to include MPN table September 2000 Revised September 2002 Editorial revision, January 2004 Revised May 2011

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 59 – 2011."

Copyright 2011 NSF International Previous editions © 2002, 1997, 1986

Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from NSF International.

Printed in the United States of America.

Disclaimers¹

NSF, in performing its functions in accordance with its objectives, does not assume or undertake to discharge any responsibility of the manufacturer or any other party. The opinions and findings of NSF represent its professional judgment. NSF shall not be responsible to anyone for the use of or reliance upon this Standard by anyone. NSF shall not incur any obligation or liability for damages, including consequential damages, arising out of or in connection with the use, interpretation of, or reliance upon this Standard.

NSF Standards provide basic criteria to promote sanitation and protection of the public health. Provisions for mechanical and electrical safety have not been included in this Standard because governmental agencies or other national standards-setting organizations provide these requirements.

Participation in NSF Standards development activities by regulatory agency representatives (federal, local, state) shall not constitute their agency's endorsement of NSF or any of its Standards.

Preference is given to the use of performance criteria measurable by examination or testing in NSF Standards development when such performance criteria may reasonably be used in lieu of design, materials, or construction criteria.

The illustrations, if provided, are intended to assist in understanding their adjacent standard requirements. However, the illustrations may not include **all** requirements for a specific product or unit, nor do they show the only method of fabricating such arrangements. Such partial drawings shall not be used to justify improper or incomplete design and construction.

Unless otherwise referenced, the appendices are not considered an integral part of NSF Standards. The appendices are provided as general guidelines to the manufacturer, regulatory agency, user, or certifying organization.

.

¹ The information contained in this Disclaimer is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, this Disclaimer may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the Standard.

This page is intentionally blank.	
This page is intentionally blank.	

iv

This is a preview of "NSF/ANSI 59-2011". Click here to purchase the full version from the ANSI store.

Contents

1	1.1 Pur	pose	1
		ppe	
		ernate materials, design, and construction	
	1.4 Me	asurement	1
2	Normat	ive references	1
3	Definition	ons	2
4	Materia	lsnformance with NSF/ANSI 51	3
		derder	
		und dampening material	
	4.5 500	drid dampening material	0
5		and construction	
		neral sanitation	
		ernal angles and corners, food zone	
		ernal angles and corners	
		nts and seams	
		steners	
		ulation	
		inforcing and framing	
		pection and maintenance panels	
	5.9 Do	Dear tracks and guides	
	5.10	Door tracks and guides	
	5.11	Hinges	
	5.12	Covers	
	5.13	Edges and nosings	
	5.15	Openings into food zones	
	5.16	Entry ports	
	5.17	Louvers	
	5.18	Hardware	
	5.19	Latches and catches	
	5.20	Breaker strips	
	5.21	Equipment Mounting	
	5.22	Casters, rollers, and gliders	
	5.23	Open display stands and brackets	
	5.24	Counter tray slides	8
	5.25	Shelving	8
	5.26	Counter steps and platforms	9
	5.27	Pipe chases	9
	5.28	Enclosed spaces	
	5.29	Food and flatware containers and drawers	9
	5.30	Insets	
	5.31	Bins	
	5.32	Ice pans and bins	
	5.33	Food display cases	
	5.34	Sinks	
	5.35	Sound dampening	
	5.36	Backsplashes	
	5.37	Tops of counters, tables, and back bars	
	5.38	Breakable glass components	. 11

5.39	Light fixtures	
5.40	Cutting boards	11
5.41	Plumbing connections	11
5.42	•	
5.43		
5.44	•	
5.45		
5.46		
5.47		
5.48	_	
5.49	• • • • • • • • • • • • • • • • • • •	
5.50		
5.51	Data plate	
6 Perfo	ormance	12
	Cleaning and sanitization procedures	
	Cold food storage compartments	
	Open-top cold food holding equipment	
	Hot food holding compartments	
	Hot food holding compartments	
	Open-top hot food holding compartments	
	Cooking and rethermalization equipment	
	3 3	
Annex A		A1
	Summary	
	Equipment	
	Microorganism	
	Supplies	
	Reagents	
	Safety precautions and hazards	
	Growth medium	
	Culture of <i>E. coli</i>	
Annex B		B ²
	Pans	
	Media preparation	
	Thermocouple placement	
	Media storage	

Foreword²

The purpose of this Standard is to establish minimum food protection and sanitation requirements for the materials, design, construction, and performance of dispensing freezers and related components.

This edition of the Standard contains the following revision:

Issue 5

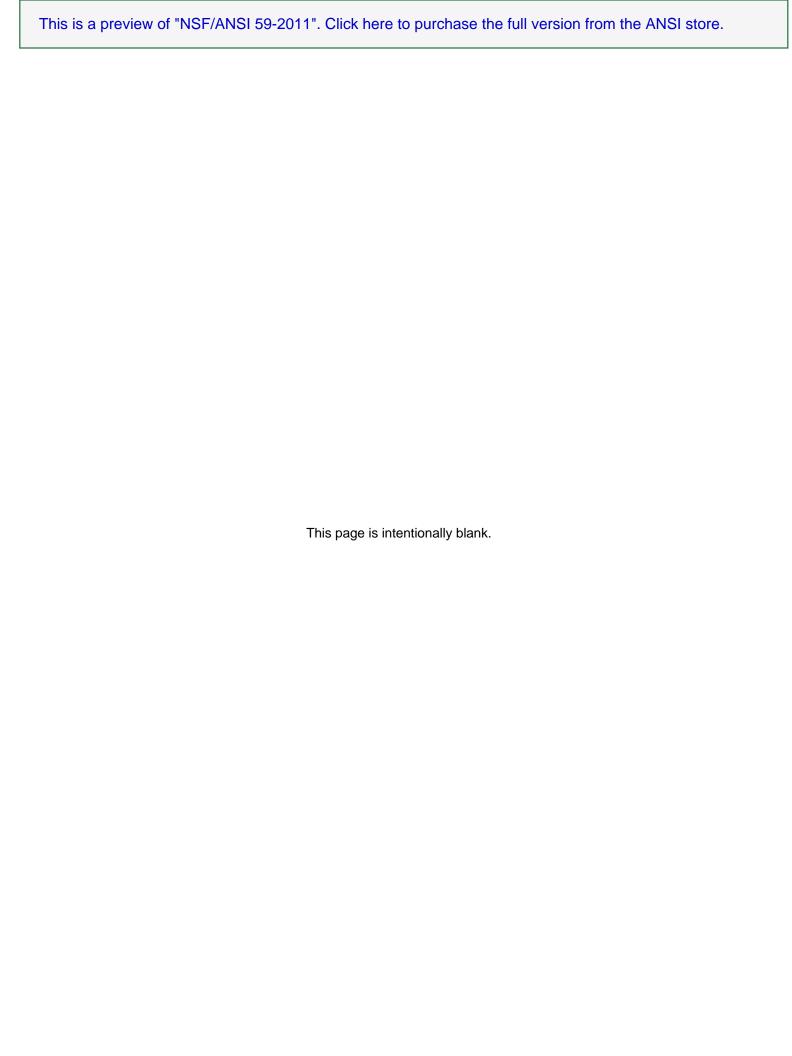
Boilerplate updates relating to the family of food equipment standards were balloted which included normative reference updates, allowing the use of ColiScan® MF and CHROMagarTM for the recovery and enumeration of *Escherichia coli* 11229 for the In Place Cleaning assay.

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

Suggestions for improvement of this standard are welcome. Comments should be sent to Chair, Joint Committee on Food Equipment, c/o NSF International, Standards Department, 789 N. Dixboro Road, Ann Arbor, Michigan 48105, USA.

_

² The information contained in this Foreword is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, this Foreword may contain material that has not been subjected to public review of a consensus process. In addition, it does not contain requirements necessary for conformance to the Standard.



© 2011 NSF NSF/ANSI 59 – 2011

NSF International Standard for Food Equipment –

Mobile food carts

1 General

1.1 Purpose

This Standard establishes minimum food protection and sanitation requirements for the materials, design, fabrication, construction, and performance of mobile food carts and their related components.

1.2 Scope

This Standard contains requirements for mobile food carts and their related components and materials. This Standard applies to mobile food carts intended for the preparation and service of food, as well those intended for service of prepackaged food only. This Standard does not apply to food catering trucks or other motor vehicle mounted food service equipment. The requirements in this Standard do not apply to umbrellas, awnings, and similar overhead accessories installed on mobile food carts.

Food cart components covered under other NSF or NSF/ANSI Standards or Criteria shall also comply with the requirements therein. This Standard is not intended to restrict new unit design, provided such design meets the minimum specifications described herein.

1.3 Alternate materials, design, and construction

While specific materials, design, and construction may be stipulated in this Standard, equipment that incorporates alternate materials, design, or construction may be acceptable when such equipment meet the intent of applicable requirements herein.

1.4 Measurement

Decimal and SI conversions provided parenthetically shall be considered equivalent. Metric conversions have been made according to IEEE/ASTM SI 10.

2 Normative references

The following documents contain provisions that, through reference, constitute provisions of this NSF/ANSI 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.

40 CFR 180.940 - Toleration exemptions for active an inert ingredients for use in antimicrobial formulations (Food-contact surface sanitizing solutions)³

³ U.S. Government Printing Office, Washington, DC 20402 <www.gpo.gov>.