



*NSF International Standard /  
American National Standard*

## NSF/ANSI 29 - 2009

Detergent and Chemical Feeders  
for Commercial Spray-Type  
Dishwashing Machines



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American National Standard  
for Food Equipment –

**Detergent and chemical feeders  
for commercial spray-type  
dishwashing machines**

Standard Developer

**NSF International**

**NSF International Board of Directors**

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## **Foreword<sup>2</sup>**

The purpose of this Standard is to establish minimum public health and sanitation requirements for chemical sanitizing feeders, detergent feeders, rinse agent feeders, and similar devices.

### **Issue 3 – Boilerplate Revisions**

This Standard was revised to update the normative references and achieve consistency with the “boilerplate” language in the NSF food equipment standards in Design and Construction (5).

This Standard was developed by the NSF Joint Committee on Food Equipment using the consensus process described by ANSI.

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, P.O. Box 130140, Ann Arbor, Michigan 48113-0140, USA.

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NSF/ANSI Standard  
for Food Equipment –

## Detergent and chemical feeders for commercial spray-type dishwashing machines

### 1 General

#### 1.1 Purpose

This Standard establishes minimum public health and sanitation requirements for chemical sanitizing feeders, detergent feeders, rinse agent feeders, and similar devices for commercial spray-type dishwashing machines.

#### 1.2 Scope

This Standard covers chemical sanitizing feeders, detergent feeders, drying agent feeders, and similar devices that automatically maintain the concentration of additives in the prewash, wash, pumped rinse, or final rinse of commercial spray-type dishwashing machines.

Equipment components and materials covered under other NSF or NSF/ANSI Standards or Criteria shall also conform to the requirements therein.

#### 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 meets intent of the applicable requirements herein. This Standard is not intended to restrict new unit design, provided that such design meets the minimum specifications described 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.

IEEE/ASTM SI 10-2002. *Standard for the Use of the International System of Units (SI): The Modern Metric System*<sup>3</sup>

<sup>3</sup> ASTM International, 100 Barr Harbor Dr., West Conshohocken, PA 19428 [www.astm.org](http://www.astm.org)