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**NSF International Standard  
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**NSF/ANSI 13-2024**

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# **Refuse Processors and Processing Systems**



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NSF International Standard /  
American National Standard  
for Food Equipment –

# **Refuse Processors and Processing Systems**

Standard Developer  
**NSF International**

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The following table is provided as a reference for unit abbreviations for common forms of measurement used within NSF documents.

time	second	s
	minute	min
	hour	h
	day	d
	week	wk
	month	mo
	year	yr
length	inch	in
	foot	ft
	yard	yd
	micrometer	$\mu\text{m}$
	nanometer	nm
	millimeter	mm
	centimeter	cm
	meter	m
	kilometer	km
liquid measure	milliliter	mL
	liter	L
	liters per day	LPD
	liters per minute	LPM
	ounce	oz
	pint	pt
	quart	qt
	gallon	gal
	gallons per minute	GPM
	gallons per day	GPD
weight	microgram	$\mu\text{g}$
	picogram	pg
	nanogram	ng
	milligram	mg
	centigram	cg
	gram	g
	kilogram	kg
	pound	lb
	ton	t
	metric ton	mt

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## Foreword<sup>2</sup>

The purpose of this standard is to establish minimum sanitation requirements for the materials, design, and construction of refuse processors and processing systems.

The requirements established in this standard are intended to be consistent with the Food Code, recommendations of the U.S. Public Health Service, Food and Drug Administration.

This edition of the standard contains the following revision:

### Issue 8

This revision updates the normative references boilerplate language in Section [2](#) so it is consistent across all of the Food Equipment standards.

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

This standard and the accompanying text are intended for voluntary use by certifying organizations, regulatory agencies, and/or manufacturers as a basis of providing assurances that adequate health protection exists for covered products.

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 Food Equipment at [standards@nsf.org](mailto:standards@nsf.org), or c/o NSF International, Standards Department, P.O. Box 130140, Ann Arbor, Michigan 48113-0140, U.S.A.

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# NSF/ANSI Standard for Food Equipment –

## Refuse Processors and Processing Systems

### 1 General

#### 1.1 Purpose

This standard establishes minimum sanitation requirements for the materials, design, and construction of refuse processors and processing systems.

#### 1.2 Scope

Equipment covered by this standard includes, but is not limited to, pulpers, disposers, and compactors used for processing refuse generated from facilities that may generate food wastes. These refuse processors are not intended for compaction of hazardous or infectious material. Specifically excluded are refuse collection trucks and refuse processors intended for use at transfer stations and in industrial operations.

Equipment components and materials 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 that 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 meets the intent of applicable requirements herein.

#### 1.4 Measurement

Decimal and SI conversions provided parenthetically shall be considered equivalent. Metric conversions and significant figure rounding have been made according to IEEE/ASTM SI 10.<sup>3</sup>

### 2 Normative references

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

15 U.S.C. §§1261-1278, *Federal Hazardous Substances Act* (FHSA)<sup>4</sup>

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<sup>3</sup> Institute of Electrical and Electronics Engineers, Inc. 3 Park Avenue, New York, NY 10016. <[www.ieee.org](http://www.ieee.org)>

<sup>4</sup> United States House of Representatives, Office of the Law Revision Counsel. H2-308 Ford House Office Building, Washington, DC 20515. <[www.uscode.house.gov](http://www.uscode.house.gov)>