



*NSF International Standard /  
American National Standard*

## NSF/ANSI 50 - 2014

Equipment for Swimming Pools, Spas,  
Hot Tubs and Other Recreational  
Water Facilities



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Equipment for Swimming Pools,  
Spas, Hot Tubs and other  
Recreational Water Facilities—

Evaluation criteria for materials, components,  
products, equipment and systems for use at  
recreational water facilities

Standard Developer

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## Contents

1	General.....	1
1.1	Scope.....	1
1.2	Variations in design and operation.....	1
1.3	Alternate materials.....	1
1.4	Standard review.....	1
1.5	Normative references.....	1
2	Definitions.....	4
3	Materials.....	12
3.1	General.....	12
3.2	Material formulation.....	12
3.3	Corrosion resistance.....	13
3.4	Dissimilar metals.....	13
3.5	Insulating fittings.....	13
3.6	Piping materials.....	13
4	Design and construction.....	14
4.1	Installation of piping, valves, and fittings.....	14
4.2	Assembly.....	14
4.3	Closing and sealing devices.....	14
4.4	Suction fittings.....	14
4.5	PVC Hose.....	14
4.6	Safety Vacuum Release Systems (SVRS).....	14
4.7	Pool and Spa Covers.....	14
4.8	Pool Alarms.....	15
4.9	Barriers and fencing.....	15
4.10	Vacuum port fitting cover.....	15
5	Filters.....	15
5.1	General.....	15
5.2	Precoat media-type filters.....	16
5.3	Sand-type filters.....	19
5.4	Cartridge-type and high-permeability-type filters.....	22
6	Centrifugal pumps.....	24
6.1	General.....	24
6.2	Hydrostatic pressure test.....	24
6.3	Strainers.....	24
6.4	Drain plugs.....	25
6.5	Shaft seals.....	25
6.6	Pump performance curve.....	25
6.7	Operation and installation instructions.....	25
6.8	Self-priming pumps.....	25
6.9	Data plate.....	25
6.10	Motors.....	26
7	Non-integral strainers.....	27
7.1	Non-integral strainer basket.....	27
7.2	Non-integral strainer cover.....	27
7.3	Drain plug.....	27
7.4	Head loss.....	27
7.5	Hydrostatic pressure test.....	28
7.6	Operation and installation instructions.....	28
7.7	Data plate.....	28
8	Valves.....	28
8.1	General.....	28
8.2	Positive indexing.....	28
8.3	Design pressure.....	29
8.4	Pressure service.....	29

8.5	Valve leakage .....	29
8.6	Head loss curve .....	29
8.7	Waste port seal – filter system valve .....	29
8.8	Vacuum service.....	29
8.9	Installation and operating instructions.....	29
8.10	Identification.....	30
9	Recessed automatic surface skimmers .....	30
9.1	Housing .....	30
9.2	Weir.....	30
9.3	Strainer basket.....	31
9.4	Equalizer line .....	31
9.5	Cover and mounting ring .....	32
9.6	Trimmer valves.....	32
9.7	Vacuum cleaner connections.....	32
9.8	Operation and installation instructions.....	33
9.9	Data plate .....	33
10	Mechanical chemical feeding equipment .....	33
10.1	General.....	33
10.2	Erosion resistance.....	34
10.3	Chemical resistance .....	34
10.4	Output rate.....	34
10.5	Hydrostatic pressure.....	34
10.6	Life test.....	35
10.7	Shielding.....	35
10.8	Motors .....	35
10.9	Suction lift.....	35
10.10	Protection against overdosing .....	35
10.11	Operation and installation instructions .....	35
10.12	Data plate.....	36
11	Flow-through chemical feeding equipment .....	36
11.1	General.....	36
11.2	Chemical resistance .....	36
11.3	Hydrostatic pressure .....	36
11.4	Motors .....	36
11.5	Output rate.....	37
11.6	Protection against overdosing.....	37
11.7	Flow-indicating device .....	37
11.8	Operation and installation instructions.....	37
11.9	Data plate .....	38
12	Filtration media .....	38
12.1	Pre-coat filter media .....	38
12.2	Sand and alternate sand-type filter media.....	39
13	Ozone generation process equipment.....	40
13.1	General.....	40
13.2	Ozone components .....	40
13.3	Ozone generator .....	40
13.4	Injection methods .....	40
13.5	Gas flow meter .....	41
13.6	Valve and component identification .....	41
13.7	Cleanability .....	41
13.8	Ozone resistant materials .....	41
13.9	Compatible materials for operation.....	41
13.10	Design pressure (pressure vessels).....	43
13.11	Head loss.....	43
13.12	Water Flow meter .....	43
13.13	Oxidation-reduction potential (ORP) monitoring.....	43
13.14	Warning devices .....	43

13.15	Operational protection.....	43
13.16	Ozone destruct .....	43
13.17	Ozone output.....	43
13.18	Life test .....	44
13.19	Disinfection efficacy.....	44
13.20	Cryptosporidium reduction .....	44
13.21	Operation and installation instructions .....	44
13.22	Information concerning off gassing of ozone.....	45
13.23	Data plate.....	45
14	Ultraviolet (UV) light process equipment.....	46
14.1	General.....	46
14.2	Cleanability .....	46
14.3	Design pressure (pressure vessels) .....	46
14.4	Flow meter .....	46
14.5	Performance indication .....	46
14.6	Operation and installation instructions.....	46
14.7	Data plate .....	47
14.8	Disinfection efficacy.....	47
14.9	Valve and component identification .....	48
14.10	Operating temperatures .....	48
14.11	Operational protection.....	48
14.12	Life Test.....	48
14.13	Cleaning.....	48
14.14	Ultraviolet (UV) lamps .....	48
14.15	Chemical resistant materials .....	48
14.16	Head loss .....	49
14.17	Hydrostatic Pressure Requirements .....	49
14.18	UV Cryptosporidium Inactivation and dose determination .....	49
15	In-line electrolytic chlorinator or brominator process equipment.....	50
15.1	General.....	50
15.2	Cleanability .....	50
15.3	Design pressure (pressure vessels) .....	50
15.4	Flow meter.....	50
15.5	Performance indication .....	50
15.6	Operation and installation instructions.....	50
15.7	Data plate .....	51
15.8	Valve and component identification.....	51
15.9	Operating temperatures and pressures .....	51
15.10	Operational protection.....	51
15.12	Chemical-resistant materials .....	51
15.13	Output rate .....	52
15.14	Pressure requirements.....	52
15.15	Life test .....	52
15.16	Salt level .....	52
15.17	Head loss.....	52
16	Brine (batch) type electrolytic chlorine or bromine generators .....	52
16.1	General.....	52
16.2	Cleanability .....	52
16.3	Design pressure (pressure vessels) .....	52
16.4	Flow meter .....	52
16.5	Performance indication .....	53
16.6	Operation and installation instructions.....	53
16.7	Data plate.....	53
16.8	Valve and component identification .....	53
16.9	Operating conditions.....	54
16.10	Injection methods .....	54
16.11	Operational protection.....	54
16.12	Chemical-resistant materials .....	54
16.13	Output rate .....	54

16.14 Life test .....	54
17 Copper/silver and copper ion generators.....	55
17.1 General.....	55
17.2 Cleanability .....	55
17.3 Design pressure (pressure vessels) .....	55
17.4 Flow meter .....	55
17.5 Performance indication.....	55
17.6 Operation and installation instructions.....	55
17.7 Data plate.....	56
17.8 Disinfection efficacy.....	57
17.9 Valve and component identification .....	57
17.10 Operating temperatures and pressures.....	57
17.11 Warning devices.....	57
17.12 Chemical-resistant materials .....	57
17.13 Output rate .....	57
17.14 Life test .....	57
17.15 Uniformity of output.....	58
18 Automated Controllers.....	58
18.1 Scope .....	58
18.2 Chemical resistant materials.....	58
18.3 Monitor display .....	58
18.4 Life test.....	58
18.5 Performance .....	59
18.6 Failure sensing and signaling devices .....	59
18.7 Operational Protection .....	59
18.8 Operation and installation instructions.....	60
18.9 Data plate.....	60
19 Water Quality and Testing Devices (WQTD).....	60
19.1 General.....	60
19.2 Testing.....	61
19.3 Operation and use instructions.....	62
19.4 WQTD Marking/Identification .....	62
20 Spas and hot tubs .....	63
20.1 General.....	63
20.2 Materials .....	63
20.3 Electrical Components.....	63
20.4 Design and Construction.....	63
20.5 Circulation system .....	66
20.6 Air blower and air induction systems .....	69
20.7 Temperature control systems, heaters and controls .....	70
20.8 Sanitation and treatment systems .....	70
20.9 Data plate .....	71
20.10 Owner's manual.....	72
21 Fittings for water-park, spray-pad, pool, or spa.....	74
21.1 Water inlet or water return fittings.....	74
21.2 Surface or deck drain fittings.....	75
21.3 Overflow fittings and perimeter grating .....	76
21.4 Fittings for water circulation and treatment .....	77
Annex A .....	A1
Annex B .....	B1
Annex C .....	C1
Annex D .....	D1

Annex E .....	E1
Annex F .....	F1
Annex G .....	G1
Annex H .....	H1
Annex I .....	I1
Annex J .....	J1
Annex K .....	K1
Annex L .....	L1
Annex M.....	M3
Annex N .....	N1
Annex O .....	O1
Annex P .....	P1
Annex Q .....	Q1

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## Foreword<sup>2</sup>

The purpose of this Standard is to establish minimum materials, design and construction, and performance requirements for components, products, equipment and systems, related to public and residential recreational water facility operation.

If a value for measurement is followed by a value in other units in parenthesis, the second value may be only approximate. The first stated value is the requirement.

In this edition of NSF/ANSI 50 the following revisions were incorporated:

### **Issue 95 – Life Testing**

This change revises life testing requirements for products designed to be operated a specific number of hours per day in sections 13, 14, 15, 16, 17 and Annex I.

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 Recreational Water Facilities at [standards@nsf.org](mailto:standards@nsf.org), or c/o NSF International, Standards Department, PO Box 130140, Ann Arbor, MI 48113-0140, USA.

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## NSF/ANSI Standard

### Equipment for Swimming Pools, Spas, Hot Tubs and other Recreational Water Facilities

Evaluation criteria for materials, components, products, equipment and systems for use at recreational water facilities

#### **1 General**

##### **1.1 Scope**

This Standard covers materials, components, products, equipment and systems, related to public and residential recreational water facility operation.

##### **1.2 Variations in design and operation**

A component varying in design and/or operation may qualify under this Standard. Appropriate tests and investigations shall indicate that the component performs as well as components conforming to this Standard. Such components shall meet the requirements for materials, finishes, and construction in this Standard.

##### **1.3 Alternate materials**

If specific materials are mentioned, other materials equally satisfactory from the standpoint of public health may be permitted.

##### **1.4 Standard review**

A complete review of this Standard shall be conducted at least every five years. These reviews shall be conducted by representatives from the industry, public health, and user groups, or agencies of the NSF Joint Committee on Recreational Water Facilities.

##### **1.5 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 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.

21 CFR Chapter 1 *Code of Federal Regulations*<sup>3</sup>

21 CFR Part 58, Subchapter A. *Code of Federal Regulations*<sup>3</sup>

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<sup>3</sup> USFDA, 5600 Fishers Lane, Rockville, MD 20857 <[www.fda.gov](http://www.fda.gov)>