

ANSI/AWWA **C516-21**

(Revision of ANSI/AWWA C516-14)

AWWA Standard

**Large-Diameter
Rubber-Seated Butterfly
Valves, Sizes 78 In.
(2,000 mm) and Larger**

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American Water Works
Association



AWWA Standard

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Committee Personnel

The AWWA Standards Subcommittee for Large-Diameter Butterfly Valves that reviewed this standard had the following personnel at the time of approval:

John Holstrom, *Chair*

J.W. Green, Lockwood, Andrews & Newman, Oakbrook Terrace, Ill.
R.A. Ward, Dufresne & Associates PC, Windsor, Vt.
A. Abouelleil, Henry Pratt Company, Aurora, Ill.
J.V. Ballun, Val-Matic Valve and Manufacturing Corporation, Addison, Ill.
H. Herold, VAG, Mannheim, Germany
D.E. Douro, Olson Technologies Inc., Allentown, Pa.
J.R. Holstrom, Val-Matic Valve and Manufacturing Corporation, Elmhurst, Ill.
J.D. Grant, DeZURIK/APCO/HILTON, Sartell, Minn.
B.J. Lewis, Crispin Multiplex Mfg. Co., Berwick, Pa.
A.W. Libke, DeZURIK/APCO/HILTON, Sartell, Minn.
T. Martin, Adams Valves Inc., Houston, Texas
J.H. Wilber, American AVK, Littleton, Colo.
S. Carpenter, San Diego Water, Escondido, Calif.
V.Q. Le, Los Angeles Water and Power, Los Angeles, Calif.
P. Ries, Denver Water Department, Denver, Colo.
S.Y. Tung, City of Houston, Houston, Texas

The AWWA Standards Committee on Butterfly Valves, which reviewed and approved this standard, had the following personnel at the time of approval:

Mark MacConnell, *Chair*

General Interest Members

A. Ali, ADA Consulting, Surrey, B.C., Canada
M.C. Bennett, MWH, Cleveland, Ohio
B.L. Boserman, Engineering Consultants, Mission Viejo, Calif.
J. Hebenstreit, UL LLC, Northbrook, Ill.
F. Hinker, Santa Rosa, N. Mex.
X.J. Iriais (*liaison, nonvoting*), Standards Council Liaison, Walnut Creek, Calif.
M.C. Johnson, Utah State University, Water Research Laboratory, Logan, Utah

J.N. Nakashima, Lockwood, Andrews & Newnam, Inc., Oakbrook, Texas
T.J. McCandless (*liaison, nonvoting*), Standards Engineer Liaison, AWWA, Denver, Colo.
U. Sant, AECOM, Dallas, Texas
R.A. Ward, Dufresne & Associates PC, Windsor, Vt.

Producer Members

S. Allen, Bray Valve, Jonesboro, Ark.
M. Bissauge, VAHN-TECH International Inc., Toronto, Ont. Canada
A.G. Granzow, NIBCO, Inc., Elkhart, Ind.
T.A. Hartman, Hartman Valve Corporation, St. Louis, Mo.
H. Heribert, VAG, Mannheim, Germany
J.R. Holstrom, Val-Matic Valve and Manufacturing Corporation, Elmhurst, Ill.
J.D. Grant (*alternate*), DeZURIK/APCO/HILTON, Sartell, Minn.
K.R. Graeff (*alternate*), Rodney Hunt Company, Orange, Mass.
K. Johnson, M&H Valve Company, Anniston, Ala.
A.W. Libke, DeZURIK/APCO/HILTON, Sartell, Minn.
J. Wilber, American AVK Company, Littleton, Colo.

User Members

L. Adams, United States Bureau of Reclamation, Denver, Colo.
S. Carpenter, San Diego County Water Authority, Escondido, Calif.
D.W. Coppes, Massachusetts Water Resources Authority, Chelsea, Mass.
S. Hattan, Tarrant Regional Water District, Ft. Worth, Texas
R. Kilborn, City of Chandler, Chandler, Ariz.
V.Q. Le, Los Angeles Water and Power, Los Angeles, Calif.
M. MacConnell, Burnaby, B.C., Canada
P.J. Ries, Denver Water Department, Denver, Colo.
S.Y. Tung, City of Houston, Houston, Texas

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Foreword

This foreword is for information only and is not a part of ANSI/AWWA C516.

I. Introduction.

I.A. *Background.* Large-diameter butterfly valves are generally used for pipelines carrying water and gases in power generation facilities, water treatment plants, and major water supply and distribution lines. Butterfly valves are isolation and flow-control devices that provide tight shutoff, are relatively easy to operate, even with moderate pressure drops across the valves, and require relatively little space for installation.

I.B. *History.* The need for standardization of butterfly valves was recognized by the American Water Works Association (AWWA) with the adoption of AWWA C504 for Rubber-Seated Butterfly Valves in 1954. This companion standard was developed by the AWWA Standards Committee on Feb. 12, 2006, to meet the need for large-diameter valves in the waterworks industry. The second edition of ANSI/AWWA C516 was approved by the AWWA Board of Directors on June 8, 2014. This edition was approved on March 30, 2021.

I.C. *Acceptance.* In May 1985, the US Environmental Protection Agency (USEPA) entered into a cooperative agreement with a consortium led by NSF International (NSF) to develop voluntary third-party consensus standards and a certification program for direct and indirect drinking water additives. Other members of the original consortium included the Water Research Foundation (formerly AwwaRF) and the Conference of State Health and Environmental Managers (COSHEM). AWWA and the Association of State Drinking Water Administrators (ASDWA) joined later.

In the United States, authority to regulate products for use in, or in contact with, drinking water rests with individual states.* Local agencies may choose to impose requirements more stringent than those required by the state. To evaluate the health effects of products and drinking water additives from such products, state and local agencies may use various references, including

1. Specific policies of the state or local agency.

* Persons outside the United States should contact the appropriate authority having jurisdiction.