

AWWA C516, Proof of Design Hydrostatic Test Certification
(78"-150B Resilient Seated Butterfly Valve)

1. ITEM TESTED:

78"-150B Flanged Val-Matic Model 2078 Resilient Seated Butterfly Valve
Ductile Iron Body, Ductile Iron Disc, T316 SS Body Seat Ring and 17-4 SS Shaft
Buna-N Seat and Packing, Teflon/Fiberglass Bearings

2. PURPOSE:

To perform the Proof of Design Hydrostatic Test requirements given in Section 5.2.2 of American Water Works Association Standard ANSI/AWWA C516-10 Large-Diameter Rubber-Seated Butterfly Valves, Sizes 78 In. (2,000 mm) and Larger.

3. RECORD OF TEST:

The subject valve was assembled and bolted between flanged ASME Class 150 steel domed test heads in the vertical orientation. With the valve closed, a water pressure of 300 psig (2.07 MPa) was applied to the seat side of the valve disc with zero pressure on the other side of the disc for 60 minutes. The test was repeated with pressure in the opposite direction (shaft side) for 60 minutes.

No part of the valve or disc had permanent visible deformation resulting from the test.

4. CERTIFICATION:

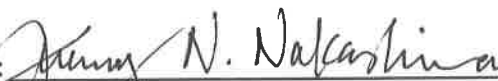
Based on the above Test Record, we hereby certify that the subject valve has successfully met all of the Proof of Design Hydrostatic Test Requirements given in Section 5.2.2 of ANSI/AWWA C516-10 and further satisfies the pressure test requirements for the 78" size valve with a 150B AWWA rating. A representative of Lockwood, Andrews & Newnam, Inc. (LAN), an independent consulting engineering firm, witnessed the tests.

CERTIFIED BY:


John R. Holstrom
Engineering Project Manager
Val-Matic Valve & Manufacturing Corp.

DATE: August 27, 2013

WITNESSED BY:


Jeremy N. Nakashima, PE
Senior Project Manager
Lockwood, Andrews & Newnam, Inc.

DATE: August 27, 2013



78"- 150B BUTTERFLY VALVE PROOF OF DESIGN HYDRO TEST CERTIFICATION

DATE 8-27-13

VAL-MATIC

VALVE AND MANUFACTURING CORP.

DRWG. NO.

SS-3106