

### **BULGARKONTROLA S.A.**

**CARGO & DAMAGE SURVEYS, LABORATORY ANALYSES.** CONFORMITY ASSESSMENT & TECHNICAL INSPECTIONS. MANAGEMENT SYSTEMS, ORGANIC CERTIFICATION

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### CERTIFICATE OF CONFORMITY

14 – НУРВСПСРБ – 3447

Issued pursuant to Art. 14, par.1 and par.2 of the Regulation № РД-02-20-1 on 05.02.2015 on the terms and conditions for use of construction products in the construction of the Republic of Bulgaria on Ministry of Regional Development and Public Works for the construction product

#### VALVES AND ACCESSORIES FOR WATER SUPPLY

with trademark wato/europevalves

made of grey, ductile cast iron, stainless steel and epoxy coating, with product range, operating pressure, dimensions and evaluated characteristics in accordance with national requirements as per Annex  $\mathbb{N}_2$  1 to this certificate.

> placed on the market by "WATO BG" LTD 6100 Kazanlak, South Industrial Zone Id No 201549826

> manufactured by "WATO BG"LTD 6100 Kazanlak, South Industrial Zone

This certificate certifies that the product has been evaluated and meets national requirements set out in BDS EN 1074-1:2004

BDS EN 1074-2:2004 /A1:2006

BDS EN 1074-3:2004

BDS EN 1074-4:2004

BDS EN 1074-5:2004

and item 7.5 of Annex 3 to item 2 of Order № 02-14-1329 from 03.12.2015 of the Minister of Regional Development and Public Works

The Certificate was issued on 31/07/2020, cancel the Certificate № 14-HYPBCHCPE-2490 from 12/09/2017 and remains valid for three years until 30/07/2023, the provided that the manufacturer ensures consistency of product characteristics and the conditions of production or production control have not been changed significantly.

Place: Sofia

Date: 31/07/2020

Director of "Conformity Assessment" Dept.

BULGARKONTROLA S.A.- Sofia with identification number 14 of register Ministry of Regional Development and Public Works Permit № POCCΠ-14 on 15.09.2016 , issued by Ministry of Regional Development and Public Works

## Annex № 1 to Certificate of Conformity № 14– HYPBCПСРБ-3447

### 1. Product range, operating pressure and dimensions

| №    | Product range  | DN   | PN          |
|------|--|--|-------------|
|      |  | mm   | bar         |
| I.   | Isolating valves   |  |             |
| 1.1. | Resilient seated gate valve Series 14/15                                   | 40÷800   | 10/16       |
| 1.2. | Metal seated gate valve Series 14/15                                       | 40÷1200  | 10/16       |
| 1.3. | Butterfly valve-Wafer type, Series 20                                      | 40÷1200  | 10/16       |
| 1.4. | Butterfly valve-Lug type, Series 20  | 40÷1200  | 10/16       |
| 1.5. | Butterfly valve-U type, Series 20  | 40÷600   | 10/16       |
| 1.6. | Butterfly valve-Concentric, double flanged, Series 13                      | 50÷1200  | 10/16       |
| 1.7. | Butterfly valve-Double eccentric, double flanged, Series 14                | 100÷2400   | 10/16       |
| 1.8. | Service gate valve   | 3/4"·÷2"   | 10/16       |
| п.   | Check valves   |  |             |
| 2.1. | Counterweight check valves flanged with tilted disc and hydraulic cylinder | 100÷2000   | 10/16/25    |
| 2.2. | Check Valves flanged swing type, Series 48                                 | 40÷600   | 10/16/25    |
| 2.3. | Check Valves wafer swing, Series 16  | 40÷600   | 10/16       |
| 2.4  | Check Valves wafer dual plate, Series 16                                   | 40÷800   | 10/16       |
| 2.5. | Silent check valves  | 40÷600   | 10/16/25    |
| 2.6. | Foot valves  | 40÷600   | 10/16/25    |
| 2.7. | Ball check valves threaded   | 32÷65  | 10/16       |
| 2.8  | Ball check valves flanged  | 50÷300   | 10/16       |
| III. | Air valves   |  |             |
| 3.1. | Single chamber/single function threaded Air Valves                         | 1"÷2"  | 10/16/25/40 |
| 3.2. | Single chamber/single function flanged Air Valves                          | 40÷250   | 10/16/25/40 |
| 3.3. | Single chamber/double function flanged Air Valves                          | 40÷250   | 10/16/25/40 |
| 3.4. | Double Chamber/Triple Function flanged Air Valves                          | 40÷500   | 10/16/25/40 |
| IV.  | Control valves   | ×  |             |
| 4.1. | Hydraulically operated control valve                                       | 50÷1000  | 10/16       |
| 4.2. | Mechanically operated control valve  | 40÷300   | 10/16       |
| 4.3. | Needle Control Valves (Larner Johnson Type)                                | 80 ÷ 1200  | 10/16/25    |
| V.   | Accessories  |  |             |
| 5.1. | Strainers flanged Y type   | 15÷600   | 10/16       |
| 5.2. | Strainers flanged T type   | 80÷1200  | 10/16       |
| 5.3. | Telescopic spindles for service and gate valves                            |  |             |
| 5.4. | Extension spindles for service and gate valves, fixed length               |  |             |
| 5.5. | Telescopic surface boxes for service and gate valves                       |  |             |
| 5.6. | Surface boxes for service and gate valves, fixed length                    | The state of the s |             |

Place: Sofia
Date: 31/07/2020

Director of "Conformity Assessment" Dept.

/T. Lyubenova

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#### 2. Evaluated characteristics in accordance with national requirements

| Characteristics   | Requirement to declare / border level   |  |
|---|---|--|
| Resistance to internal pressure of the body and all pressurized parts   | no damage and leakage at $P = (1,5 \times PN)$ bar                                    |  |
| Resistance to the closing body of internal pressure                     | no damage and leakage at $P = (1,5 \times PN)$ bar                                    |  |
| Tightness of the body in internal pressure and any parts under pressure | no damage and leakage at $P = (1,5 \times PN)$ bar                                    |  |
| Tightness of the body at a certain pressure                             | without exceeding the leaks according to levels of A-F, at $P = (1, 1 \times PN)$ bar |  |
| Tightness of the body at a certain low pressure                         | without exceeding the leaks according to levels of A-F, at $P = 0.5$ bar              |  |

Place: Sofia

Date: 31/07/2020

Director of "Conformity Assessment" Dept.

ebr.

Lyubenova

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