



CENTRUL TEHNIC PENTRU SECURITATE
INDUSTRIALĂ ȘI CERTIFICARE SRL



CERTIFICAT DE CONFORMITATE

Nr. de înregistrare **OCP_{GSP} MD 015 11A 48706-21**

Data emiterii 20 octombrie 2021

Valabil pînă 20 octombrie 2023

ORGANISMUL DE CERTIFICARE A PRODUSELOR CU GRAD SPORIT DE PERICOL
din cadrul SRL "Centrul Tehnic pentru Securitate Industrială și Certificare", certificat de acreditare OCpr-015, MD-2001, mun. Chișinău, str. Melestiu, 22/A, tel.: 022208156, 022208186

PRIN PREZENTUL DOCUMENT SE CONFIRMĂ FAPTUL, CĂ PRODUSELE IDENTIFICATE ASTFEL:

DENUMIREA / DESCRIEREA

Țevi din polietilenă de înaltă densitate PE80, PE100, PE100RC
pentru rețele de alimentare cu apă,
SDR 7.4 - 41, gama de diametre 20mm - 250mm,
producție în serie

Codul NC
3917

SUNT CONFORME CU CERINȚELE OBLIGATORII STABILITE ÎN
SM EN 12201-2+A1:2016,

PRODUCĂTOR
ÎM PALPLAST SRL

RM, or. Calarași, str. Alexandru cel Bun, 114

Codul țării
MD

CLIENT
ÎM PALPLAST SRL

RM, or. Calarași, str. Alexandru cel Bun, 114

Codul IDNO
1005609000243

CERTIFICATUL ESTE ELIBERAT ÎN BAZA

Raportului de evaluare a procesului de producție nr.346 din 19.10.2021.
Raportului de evaluare nr.6/121-ev din 19.10.2021.

INFORMAȚIE SUPLIMENTARĂ

Certificatul este eliberat conform schemei de certificare de tip 3.
Sunt stabilite 2 supravegheri cu periodicitatea de o dată în an.

Seria C nr. 005822



Conducătorul organismului de certificare

Angela Postolache

În atenția antreprenorilor și organelor de control!
Copiile certificatului de conformitate se legalizează în modul stabilit de
Organismul de Certificare a Produselor cu Grad Sporit de Pericol

Traducere din limba engleză în limba română

2898

REYHER R®

F. REYHER Nchfg. GmbH & Co. KG • Postfach 50 12 63 • 22712 Hamburg • Germania

PROFMET GRUP, SRL

Petricani 33

2059 CHIȘINĂU

REPUBLICA MOLDOVA

**Certificat de Conformitate
în conformitate cu ISO 17050-1**

Factura numărul Data

71247779 09.07.2019

Furnizorul numărul Pagina

1/15

Cientul numărul

903476

Persoana de contact

Beatrix Jokisch

Telefon / Fax

+ 49 40 853 63-612/-582

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beatrix.jokisch@reyher.de

Stimate Domn sau Doamnă,



Confirmăm prin prezenta, cu referire la termenii noștri generali de vânzare și livrare, părțile 7 și 8, că articolele menționate mai jos, furnizate conform comenzii subiectului - numărul, au fost fabricate în conformitate cu standardele / specificațiile relevante DIN / ISO.

Numărul REYHER Descriere

Cantitatea

Comanda Dumneavoastră Articolul AG. 14011827

Comanda numărul 50482443 data 08.07.2019

Aviz de livrare numărul 43214233 data 09.07.2019

07504.015.0055.025	D 7504 oțel N 5,5 x 25 -H 15481	placat cu zinc, cap turtit	3.000 BUCĂȚI
07504.016.0042.019	D 7504 oțel P 4,2 x 19 -H	placat cu zinc, cap CSK	20.000 BUCĂȚI
07504.016.0048.032	D 7504 oțel P 4,8 x 32 -H	placat cu zinc, cap CSK	1.000 BUCĂȚI
07504.016.0055.050	D 7504 oțel P 5,5 x 50 -H	placat cu zinc, cap CSK	3.000 BUCĂȚI
07981.014.0029.013	D 7981 oțel 2,9 x 13 -C-H I7049	placat cu zinc pasivizat	2.000 BUCĂȚI
07981.014.0048.045	D 7981 oțel 4,8 x 45 -C-H I7049	placat cu zinc pasivizat	2.000 BUCĂȚI
07981.014.0055.038	D 7981 oțel 5,5 x 38 -C-H I7049	placat cu zinc pasivizat	2.000 BUCĂȚI
07981.014.0055.060	D 7981 oțel 5,5 x 60 -C-H I7049	placat cu zinc pasivizat	1.000 BUCĂȚI
07982.014.0035.019	D 7982 oțel 3,5 x 19 -C-H	placat cu zinc pasivizat	2.000 BUCĂȚI
07982.014.0042.019	D 7982 oțel 4,2 x 19 -C-H	placat cu zinc pasivizat	2.000 BUCĂȚI
07982.014.0042.060	D 7982 oțel 4,2 x 60 -C-H	placat cu zinc pasivizat	2.000 BUCĂȚI
03570.011.0520.000	D 3570 oțel A 52 / NW 40 M 10		placat cu zinc
100 BUCĂȚI			
00580.310.0160.000	D 580 C15E M 16	placat cu zinc	10 BUCĂȚI

F. REYHER Nchfg. GmbH & Co. KG

Haferweg 1, 22769 Hamburg

Cu sediul în Hamburg, AG Hamburg HRA 88414

Manager General:

Doctorul Peter Bielert,

Klaus-Dieter Schmidt

Numărul de identificare TVA DE 117982729

Numărul Fiscal 41/619/03626

Partener general:

Verwaltungsgesellschaft F. REYHER Nchfg. mbH

HypoVereinsbank, Hamburg
 IBAN: DE65 2003 0000 0001 6657 03, BIC: HYVEDEMM300
 Hamburger Sparkasse
 IBAN: DE09 2005 0550 1280 3977 36, BIC: HASPDEHHXXX
 Banca Berenberg, Hamburg
 IBAN: DE17 2012 0000 0009 1120 04, BIC: BEGODEHHXXX
 Lampe Bank KG, Bielefeld
 IBAN DE03 4802 0151 0000 9194 70, BIC: LAMPDEDDXXX

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PROFMET GRUP, SRL
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în conformitate cu ISO 17050-1 **Data** **Pagina**
 71247779 09.07.2019 12/15

Numărul REYHER	Descriere	Cantitate
00975.100.0120.000	D 975 10.9 M 12	100 BUCĂȚI
00975.100.0140.000	D 975 10.9 M 14	40 BUCĂȚI
00975.100.0160.000	D 975 10.9 M 16	20 BUCĂȚI
00439.412.0020.000	D 439 04 BM 2 I4035	placat cu zinc 1.000 BUCĂȚI
00466.510.0060.000	D 466 5 M 6	placat cu zinc 500 BUCĂȚI
00555.600.0040.000	D 555 plastic M 4	poliamidă 2.000 BUCĂȚI
00917.310.0120.000	D 917 6 AU M 12 s = 19	placat cu zinc 250 BUCĂȚI
00929.000.0080.000	D 929 oțel M 8	1.000 BUCĂȚI
00929.000.0100.000	D 929 oțel M 10	500 BUCĂȚI
00934.810.0030.000	D 934 6-8 M 3 I4032	placat cu zinc 1.000 BUCĂȚI
00934.810.0040.000	D 934 6-8 M 4 I4032	placat cu zinc 3.000 BUCĂȚI
00934.810.0050.000	D 934 8 M 5	placat cu zinc 6.000 BUCĂȚI
00934.100.0080.000	D 934 10 M 8	2.000 BUCĂȚI
00934.100.0100.000	D 934 10 M 10	500 BUCĂȚI
00934.100.0120.000	D 934 10 M 12	500 BUCĂȚI



Ștampilă: /REYHER R, Export, Postfach 50 12 63 • 22712 Hamburg, Haferweg 1 • 22769

Hamburg, Telefon +49/40/853630 • Fax +49/40/853 83-309/

/semnătură/

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Lampe Bank KG, Bielefeld

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PROFMET GRUP, SRL
Petricani 33
2059 CHIȘINĂU
REPUBLICA MOLDOVA

**Certificat de Conformitate
în conformitate cu ISO 17050-1**

Factura numărul Data
71019246 01.03.2019

Furnizorul numărul Pagina
1/9

Clientul numărul
903476

Persoana de contact
Beatrix Jokisch

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+ 49 40 853 63-612/-582

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beatrix.jokisch@reyher.de

Stimate Domn sau Doamnă,

Confirmăm prin prezenta, cu referire la termenii noștri generali de vânzare și livrare, părțile 7 și 8, că articolele menționate mai jos, furnizate conform comenzii subiectului - numărul, au fost fabricate în conformitate cu standardele / specificațiile relevante DIN / ISO.

Numărul REYHER	Descriere		
Cantitatea			
Comanda	Romanov		
Dumneavoastră			
Comanda numărul	50120309 data 15.02.2019		
Aviz de livrare numărul	42823265 data 01.03.2019		
00126.000.0300.000	D 126 oțel 30 I7091		2.500 BUCĂȚI
Comanda	Articolul AG. 13876116		
Dumneavoastră			
Comanda numărul	50153646 data 28.02.2019		
Aviz de livrare numărul	42823266 data 01.03.2019		
07504.015.0035.013	D 7504 oțel N 3,5 x 13 -H 15481	placat cu zinc, cap turtit	4.000 BUCĂȚI
07504.015.0042.045	D 7504 oțel N 4,2 x 45 -H 15481	placat cu zinc, cap turtit	2.000 BUCĂȚI
07504.015.0048.100	D 7504 oțel N 4,8 x 100 -H 15481	placat cu zinc, cap turtit	250 BUCĂȚI
07982.014.0029.013	D 7982 oțel 2,9 x 13 -C-H	placat cu zinc pasivizat	4.000 BUCĂȚI
07982.014.0048.050	D 7982 oțel 4,8 x 50 -C-H	placat cu zinc pasivizat	1.000 BUCĂȚI
00933.920.0060.016	D 933 A 2 -70 M 6 x 16 I4017		200 BUCĂȚI
00933.920.0060.020	D 933 A 2 -70 M 6 x 20 I4017		600 BUCĂȚI
00933.920.0060.025	D 933 A 2 -70 M 6 x 25 I4017		600 BUCĂȚI

F. REYHER Nchfg. GmbH & Co. KG
 Haferweg 1, 22769 Hamburg
 Cu sediul în Hamburg, AG Hamburg HRA 88414
 Manager General:
 Doctorul Peter Bielert,
 Klaus-Dieter Schmidt



00912.810.0080.025

D 912 8.8 M 8 x 25

placat cu zinc

200 BUCĂȚI

I4762

F. REYHER Nchfg. GmbH & Co. KG

Haferweg 1, 22769 Hamburg

Cu sediul în Hamburg, AG Hamburg HRA 88414

Manager General:

Doctorul Peter Bielert,

Klaus-Dieter Schmidt

Numărul de identificare TVA DE 117982729

Numărul Fiscal 41/619/03626

Partener general:

Verwaltungsgesellschaft F. REYHER Nchfg. mbH

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Lampe Bank KG, Bielefeld

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PROFMET GRUP, SRL

Petricani 33

2059 CHIȘINĂU

REPUBLICA MOLDOVA

în conformitate cu ISO 17050-1 Data Pagina

71019246 01.03.2019 6/9

Numărul REYHER	Descriere	Cantitate
00912.810.0080.030	D 912 8.8 M 8 x 30 I4762	placat cu zinc 200 BUCĂȚI
00912.810.0080.045	D 912 8.8 M 8 x 45	placat cu zinc 200 BUCĂȚI

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Hamburg, Telefon +49/40/853630 • Fax +49/40/853 83-309/**

/semnătură/

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Comanda numărul 50482443 data 08.07.2019

Aviz de livrare numărul 43214233 data 09.07.2019

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07981.014.0029.013	D 7981 oțel 2,9 x 13 -C-H I7049	placat cu zinc pasivizat	2.000 BUCĂȚI
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07981.014.0055.038	D 7981 oțel 5,5 x 38 -C-H I7049	placat cu zinc pasivizat	2.000 BUCĂȚI
07981.014.0055.060	D 7981 oțel 5,5 x 60 -C-H I7049	placat cu zinc pasivizat	1.000 BUCĂȚI
07982.014.0035.019	D 7982 oțel 3,5 x 19 -C-H	placat cu zinc pasivizat	2.000 BUCĂȚI
07982.014.0042.019	D 7982 oțel 4,2 x 19 -C-H	placat cu zinc pasivizat	2.000 BUCĂȚI
07982.014.0042.060	D 7982 oțel 4,2 x 60 -C-H	placat cu zinc pasivizat	2.000 BUCĂȚI
03570.011.0520.000	D 3570 oțel A 52 / NW 40 M 10		placat cu zinc
100 BUCĂȚI			
00580.310.0160.000	D 580 C15E M 16	placat cu zinc	10 BUCĂȚI

F. REYHER Nchfg. GmbH & Co. KG

Haferweg 1, 22769 Hamburg

Cu sediul în Hamburg, AG Hamburg HRA 88414

Manager General:

Doctorul Peter Bielert,

Klaus-Dieter Schmidt

Numărul de identificare TVA DE 117982729

Numărul Fiscal 41/619/03626

Partener general:

Verwaltungsgesellschaft F. REYHER Nchfg. mbH

PROFMET GRUP, SRL
 Petricani 33
 2059 CHIȘINĂU
 REPUBLICA MOLDOVA

în conformitate cu ISO 17050-1 Data Pagina

71247779 09.07.2019 13/15

Numărul REYHER	Descriere	Cantitate
00985.110.0160.000	D 985 10 M 16 placat cu zinc	500 BUCĂȚI
00985.110.0200.000	D 985 10 M 20 placat cu zinc	300 BUCĂȚI
00985.815.0120.125	D 985 8 M 12 x 1,25 placat cu zinc	250 BUCĂȚI
00985.815.0140.150	D 985 8 M 14 x 1,5 placat cu zinc	400 BUCĂȚI
00985.815.0180.150	D 985 8 M 18 x 1,5 placat cu zinc	200 BUCĂȚI
06330.102.0100.000	D 6330 10 BM 10 s = 16 marcat	50 BUCĂȚI
06330.102.0120.000	D 6330 10 BM 12 s = 18 marcat	25 BUCĂȚI
00093.000.0105.000	D 93 oțel 10,5	1.000 BUCĂȚI
00125.01 1.0032.000	D 125 oțel 140 HV A 3,2 placat cu zinc	5.000 BUCĂȚI
00125.01 1.0130.000	D 125 oțel 140 HV A 13 placat cu zinc	500 BUCĂȚI
00125.01 1.0170.000	D 125 oțel 140 HV A 17 placat cu zinc	1.000 BUCĂȚI
00125.011.0210.000	D 125 oțel 140 HV A 21 placat cu zinc	2.000 BUCĂȚI
00125.701.0022.000	D 125 alamă A 2,2 I7089	1.000 BUCĂȚI
00125.701.0032.000	D 125 alamă A 3,2 I7089	1.000 BUCĂȚI
00125.701.0053.000	D 125 alamă A 5,3 I7089	1.000 BUCĂȚI
00126.000.0330.000	D 1 26 oțel 33 I7091	400 BUCĂȚI
00127.002.0050.000	D 127 oțel pentru arcuri B 5	4.000 BUCĂȚI
00127.002.0140.000	D 1 27 oțel pentru arcuri B 14	500 BUCĂȚI
00127.002.0300.000	D 1 27 oțel pentru arcuri B 30	100 BUCĂȚI
00433.010.0170.000	D 433 -1 oțel 17 placat cu zinc	2.500 BUCĂȚI
00433.010.0210.000	D 433 -1 oțel 21 placat cu zinc	2.000 BUCĂȚI
00471.000.0250.000	D 471 oțel pentru arcuri 25 x 1,2	500 BUCĂȚI

PROFMET
 ÎNSUȘIRITĂȚE
 ÎN
 S.R.L.
 MET G
 3600008
 MOLDOVA
 2010.12.10

F. REYHER Nchfg. GmbH & Co. KG
Haferweg 1, 22769 Hamburg
Cu sediul în Hamburg, AG Hamburg HRA 88414
Manager General:
Doctorul Peter Bielert,
Klaus-Dieter Schmidt
Numărul de identificare TVA DE 117982729
Numărul Fiscal 41/619/03626

Partener general:
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HypoVereinsbank, Hamburg
IBAN: DE65 2003 0000 0001 6657 03, BIC: HYVEDEMM300
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PROFMET GRUP, SRL
Petricani 33
2059 CHIȘINĂU
REPUBLICA MOLDOVA

în conformitate cu ISO 17050-1 Data Pagina
71247779 09.07.2019 15/15

Numărul REYHER	Descriere	Cantitate
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Cu respect

F. REYHER Nchfg. GmbH & Co. KG
Beatrix Jokisch

**Ștampilă: /REYHER R, Export, Postfach 50 12 63 • 22712 Hamburg, Haferweg 1 • 22769
Hamburg, Telefon +49/40/853630 • Fax +49/40/853 83-309/
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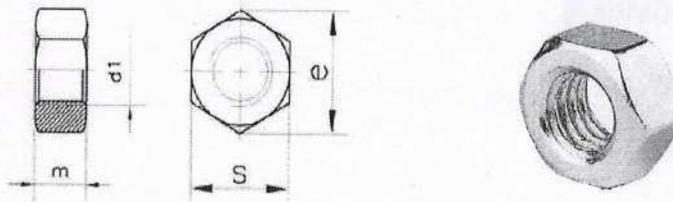
Compania de Inspecție a Calității Nanjing Jingning

RAPORT DE TESTARE

Teste pentru compania: PROFMET GRUP SRL MOLDOVA

1. DATA TESTĂRII: 19 mai 2016
2. NUMĂRUL DE PROBE TESTATE: 80 BUCĂȚI
3. STANDARDUL APLICABIL: DIN934
4. INSPECTOR: LI JUN

Piuliță DIN934, clasa -8.8 acoperită cu zinc (35K, cu tratament termic)



Articole	Diagonal e (mm)		Înălțimea m (mm)		Marginea s (mm)		ACCEPT
	Standard	Rezultatul testării	Standard	Rezultatul testării	Standard	Rezultatul testării	
M-6	≥ 11.05	≥ 11.10	4.70 - 5.00	4.70 - 4.96	9.78 - 10.00	9.79 - 10.00	O.K.
M-8	≥ 14.38	≥ 14.38	6.14 - 6.50	6.18 - 6.50	12.73 - 13.00	12.73 - 13.00	O.K.
M-10	≥ 18.90	≥ 18.91	7.64 - 8.00	7.66 - 7.98	16.73 - 17.00	16.75 - 16.97	O.K.
M-12	≥ 21.10	≥ 21.13	9.64 - 10.00	9.64 - 10.00	18.67 - 19.00	18.68 - 18.98	O.K.
M-14	≥ 24.49	≥ 24.49	10.30 - 11.00	10.32 - 10.98	21.67 - 22.00	21.69 - 21.95	O.K.
M-16	≥ 26.75	≥ 26.76	12.30 - 13.00	12.30 - 12.95	23.67 - 24.00	23.67 - 24.00	O.K.
M-20	≥ 32.95	≥ 32.97	14.90 - 16.00	14.90 - 16.00	29.16 - 30.00	29.20 - 30.00	O.K.
M-24	≥ 39.55	≥ 39.55	17.70 - 19.00	17.73 - 18.95	35.00 - 36.00	35.00 - 35.98	O.K.
DURITATE PROBA BUCĂȚI 80			HRC 26 - 34		HRC 26 - 32		O.K.
Rezistența la tracțiune (Rm) PROBA BUCĂȚI 80 (d)			Mpa 563 - 605		Mpa 573 - 601		O.K.

Rezistența la tracțiune (Rel) PROBA BUCĂȚI 80 (d)	Mpa 300 - 635		Mpa 314 - 352		O.K.	
COMPOZIȚIA CHIMICĂ	C	Si	Mn	P	S	Cr
	35.00	16.00	73.00	1.100	0.300	4.00

CONCLUZIE:

PREZENTUL ACT ESTE ELIBERAT PENTRU A CONFIRMA CĂ MARFA A FOST TESTATĂ ÎN PREZENȚA INSPECTORULUI ȘI S-A CONSTATAT CĂ ESTE CONFORMĂ CU STANDARDUL DIN934.

Ștampilă: /Compania de inspecție a calității Nanjing Jingning/

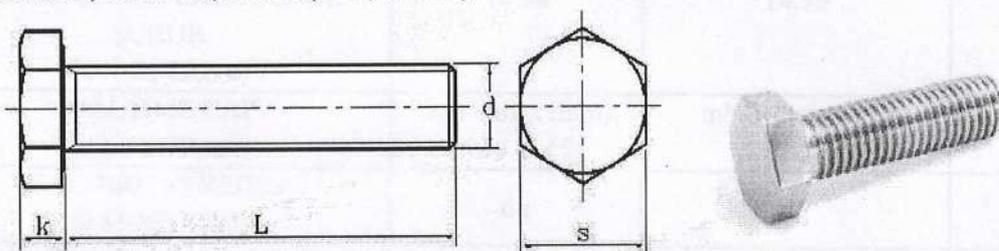


Tipul	Standardul	Rezultatul	Standardul	Rezultatul	Standardul	Rezultatul	Standardul	Rezultatul
10.1	21.10	21.10	1.70 - 5.00	1.70 - 5.00	9.20 - 10.00	9.20 - 10.00	0.4	0.4
10.2	21.10	21.10	1.4 - 6.30	6.10 - 6.30	1.70 - 6.30	1.70 - 6.30	0.4	0.4
10.3	21.10	21.10	1.50 - 1.10	1.50 - 1.90	10.20 - 11.50	10.20 - 11.50	1.20	1.20
10.4	21.10	21.10	1.20 - 10.00	9.00 - 10.00	11.00 - 11.00	11.00 - 11.00	0.4	0.4
10.5	21.10	21.10	10.20 - 11.00	10.10 - 10.90	21.00 - 22.00	21.00 - 21.00	0.4	0.4
10.6	21.10	21.10	11.00 - 11.00	12.00 - 12.00	11.00 - 21.00	11.00 - 21.00	0.4	0.4
10.7	21.10	21.10	11.00 - 13.00	11.00 - 13.00	20.10 - 30.00	20.10 - 30.00	0.4	0.4
10.8	21.10	21.10	12.00 - 14.00	12.10 - 14.00	30.00 - 38.00	35.00 - 35.00	0.4	0.4
10.9	21.10	21.10	14.00 - 14.00	14.00 - 14.00	38.00 - 40.00	38.00 - 40.00	0.4	0.4
10.10	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.11	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.12	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.13	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.14	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.15	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.16	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.17	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.18	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.19	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.20	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.21	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.22	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.23	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.24	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.25	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.26	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.27	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.28	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.29	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.30	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.31	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.32	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.33	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.34	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.35	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.36	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.37	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.38	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.39	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.40	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.41	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.42	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.43	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.44	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.45	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.46	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.47	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.48	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.49	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4
10.50	21.10	21.10	14.00 - 14.00	14.00 - 14.00	40.00 - 40.00	40.00 - 40.00	0.4	0.4

Testare pentru societatea: PROFMET GRUP SRL MOLDOVA

1. DATA TESTĂRII: 19 mai 2016
2. NUMĂR DE MOSTRE TESTATE: 80 buc.
3. STANDARD APLICABIL: DIN933
4. INSPECTOR: LI JUN

Bolț DIN933, clasa-8.8, zincat (35K, la cald)



DIN933 6*20
 6*50

CARACTERISTICI	STANDARD		REZULTAT		ACCEPTABIL
LĂȚIMEA PE DIAMETRUL CERCULUI ÎNSCRIS ÎN HEXAGONUL CAPULUI DE ȘURUB 80 MOSTRE(s)	min~max(mm) 9.78-10		min~max(mm) 9.88-9.96		DA
DIAMETRU AL CERCULUI CIRCUMSCRIS CAPULUI DE ȘURUB 80 MOSTRE(e)	min(mm) 11.05		min(mm) 12.09		DA
ÎNĂLȚIME CAP 80 MOSTRE(k)	min ~ max (mm) 3.85-4.15		min ~ max (mm) 3.88-4.12		DA
CALIBRU «TRECE» 80 MOSTRE(d)	6g		6g		DA
CALIBRU «NU TRECE» 80 MOSTRE(d)	6g		6g		DA
REZISTENȚA LA TRACȚIE 80 MOSTRE	min(Mpa) 800		min(Mpa) 868		DA
TENSIUNE LA TRACȚIUNE MAXIMĂ 80 MOSTRE(d)	Mpa 580		Mpa 580		DA
DURITATE 80 MOSTRE	HRC 22-32		HRC 25-28		DA
ALUNGIRE 80 MOSTRE	min (%) 12		min (%) 13.8		DA
COMPOZIȚIA CHIMICA 35K	C	Si	Mn	P	S
	0.37	0.18	0.67	0.019	0.009
LUNGIME(L)=20					
LUNGIME 80 MOSTRE	min~max(mm) L±0.42		min~max(mm) L±0.38		DA
LUNGIME(L)=50					
LUNGIME 80 MOSTRE	min~max(mm) L±0.5		min~max(mm) L±0.42		DA



DIN933 8*25 8*60
 8*30 8*70
 8*50 8*80

CARACTERISTICI	STANDARD	REZULTAT	ACCEPTABIL			
LĂȚIMEA PE DIAMETRUL CERCULUI ÎNSCRIS ÎN HEXAGONUL CAPULUI DE ȘURUB 80 MOSTRE(s)	min~max(mm) 12.73-13	min~max(mm) 12.75-12.88	DA			
DIAMETRU AL CERCULUI CIRCUMSCRIS CAPULUI DE ȘURUB 80 MOSTRE(e)	min(mm) 14.38	min(mm) 14.75	DA			
ÎNĂLȚIME CAP 80 MOSTRE(k)	min ~ max (mm) 5.15-5.45	min ~ max (mm) 5.22-5.37	DA			
CALIBRU «TRECE» 80 MOSTRE(d)	6g	6g	DA			
CALIBRU «NU TRECE» 80 MOSTRE(d)	6g	6g	DA			
REZISTENȚA LA TRACȚIE 80 MOSTRE	min(Mpa) 800	min(Mpa) 871	DA			
TENSIUNE LA TRACȚIUNE MAXIMĂ 80 MOSTRE(d)	Mpa 580	Mpa 580	DA			
DURITATE 80 MOSTRE	HRC 22-32	HRC 26-29	DA			
ALUNGIRE 80 MOSTRE	min (%) 12	min (%) 13.2	DA			
COMPOZITIA CHIMICA 35K	C	Si	Mn	P	S	
	0.34	0.23	0.64	0.012	0.013	
LUNGIME(L)=25-30						
LUNGIME 80 MOSTRE	min~max(mm) L±0.42	min~max(mm) L±0.35				DA
LUNGIME(L)=50						
LUNGIME 80 MOSTRE	min~max(mm) L±0.5	min~max(mm) L±0.42				DA
LUNGIME(L)=60-80						
LUNGIME 80 MOSTRE	min~max(mm) L±0.6	min~max(mm) L±0.53				DA

DIN933 10*25 10*50
 10*30 10*60
 10*40 10*70
 10*45 10*100

CARACTERISTICI	STANDARD	REZULTAT	ACCEPTABIL
LĂȚIMEA PE DIAMETRUL CERCULUI ÎNSCRIS ÎN HEXAGONUL CAPULUI DE ȘURUB 80 MOSTRE(s)	min~max(mm) 16.73-17	min~max(mm) 16.75-16.86	DA
DIAMETRU AL CERCULUI CIRCUMSCRIS CAPULUI DE ȘURUB 80 MOSTRE(e)	min(mm) 18.90	min(mm) 19.28	DA
ÎNĂLȚIME CAP 80 MOSTRE(k)	min ~ max (mm) 6.22-6.58	min ~ max (mm) 6.33-6.42	DA



CALIBRU «TRECE» 80 MOSTRE(d)	6g	6g	DA		
CALIBRU «NU TRECE» 80 MOSTRE(d)	6g	6g	DA		
REZISTENȚA LA TRACȚIE 80 MOSTRE	min(Mpa) 800	min(Mpa) 865	DA		
TENSIUNE LA TRACȚIUNE MAXIMĂ 80 MOSTRE(d)	Mpa 580	Mpa 580	DA		
DURITATE 80 MOSTRE	HRC 22-32	HRC 25-27	DA		
ALUNGIRE 80 MOSTRE	min (%) 12	min (%) 13.3	DA		
COMPOZITIA CHIMICA 35K	C	Si	Mn	P	S
	0.34	0.25	0.65	0.014	0.016
LUNGIME(L)=25-30					
LUNGIME 80 MOSTRE	min~max(mm) L±0.42	min~max(mm) L±0.37	DA		
LUNGIME(L)=40-50					
LUNGIME 80 MOSTRE	min~max(mm) L±0.5	min~max(mm) L±0.44	DA		
LUNGIME(L)=60-70					
LUNGIME 80 MOSTRE	min~max(mm) L±0.6	min~max(mm) L±0.48	DA		
LUNGIME(L)=100					
LUNGIME 80 MOSTRE	min~max(mm) L±0.7	min~max(mm) L±0.62	DA		

DIN933 12*40

12*60

12*45

12*100

12*50

CARACTERISTICI	STANDARD	REZULTAT	ACCEPTABIL
LĂȚIMEA PE DIAMETRUL CERULUI ÎNSCRIS ÎN HEXAGONUL CAPULUI DE ȘURUB 80 MOSTRE(s)	min~max(mm) 18.67-19	min~max(mm) 18.74-18.86	DA
DIAMETRU AL CERULUI CIRCUMSCRIS CAPULUI DE ȘURUB 80 MOSTRE(e)	min(mm) 21.10	min(mm) 21.46	DA
ÎNĂLȚIME CAP 80 MOSTRE(k)	min ~ max (mm) 7.32-7.68	min ~ max (mm) 7.44-7.58	DA
CALIBRU «TRECE» 80 MOSTRE(d)	6g	6g	DA
CALIBRU «NU TRECE» 80 MOSTRE(d)	6g	6g	DA
REZISTENȚA LA TRACȚIE 80 MOSTRE	min(Mpa) 800	min(Mpa) 863	DA
TENSIUNE LA TRACȚIUNE MAXIMĂ 80 MOSTRE(d)	Mpa 580	Mpa 580	DA
DURITATE 80 MOSTRE	HRC 22-32	HRC 26-28	DA

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ALUNGIRE 80 MOSTRE	min (%) 12		min (%) 13.4		DA	
COMPOZITIA CHIMICA	C	Si	Mn	P	S	
35K	0.35	0.25	0.66	0.015	0.017	
LUNGIME(L)=40-50						
LUNGIME 80 MOSTRE	min~max(mm) L±0.5		min~max(mm) L±0.46		DA	
LUNGIME(L)=60						
LUNGIME 80 MOSTRE	min~max(mm) L±0.6		min~max(mm) L±0.51		DA	
LUNGIME(L)=100						
LUNGIME 80 MOSTRE	min~max(mm) L±0.7		min~max(mm) L±0.63		DA	

DIN933 16*40 16*70
16*50 16*80

CARACTERISTICI	STANDARD	REZULTAT	ACCEPTABIL			
LĂȚIMEA PE DIAMETRUL CERULUI ÎNSCRIS ÎN HEXAGONUL CAPULUI DE ȘURUB 80 MOSTRE(s)	min~max(mm) 23.67-24	min~max(mm) 23.75-23.89	DA			
DIAMETRU AL CERULUI CIRCUMSCRIS CAPULUI DE ȘURUB 80 MOSTRE(e)	min(mm) 26.75	min(mm) 27.13	DA			
ÎNĂLȚIME CAP 80 MOSTRE(k)	min ~ max (mm) 9.82-10.18	min ~ max (mm) 9.95-10.06	DA			
CALIBRU «TRECE» 80 MOSTRE(d)	6g	6g	DA			
CALIBRU «NU TRECE» 80 MOSTRE(d)	6g	6g	DA			
REZISTENȚA LA TRACȚIE 80 MOSTRE	min(Mpa) 800	min(Mpa) 861	DA			
TENSIUNE LA TRACȚIUNE MAXIMĂ 80 MOSTRE(d)	Mpa 580	Mpa 580	DA			
DURITATE 80 MOSTRE	HRC 22-32	HRC 27-29	DA			
ALUNGIRE 80 MOSTRE	min (%) 12	min (%) 13.5	DA			
COMPOZITIA CHIMICA	C	Si	Mn	P	S	
35K	0.35	0.28	0.69	0.015	0.016	
LUNGIME(L)=40-50						
LUNGIME 80 MOSTRE	min~max(mm) L±0.5		min~max(mm) L±0.46		DA	
LUNGIME(L)=70-80						
LUNGIME 80 MOSTRE	min~max(mm) L±0.6		min~max(mm) L±0.53		DA	



DIN933 20*60

CARACTERISTICI	STANDARD	REZULTAT	ACCEPTABIL
LĂȚIMEA PE DIAMETRUL CERULUI ÎNSCRIS ÎN HEXAGONUL CAPULUI DE ȘURUB 80 MOSTRE(s)	min~max(mm) 29.67-30	min~max(mm) 29.77-29.89	DA
DIAMETRU AL CERULUI CIRCUMSCRIS CAPULUI DE ȘURUB 80 MOSTRE(e)	min(mm) 33.53	min(mm) 33.85	DA
ÎNĂLȚIME CAP 80 MOSTRE(k)	min ~ max (mm) 12.28-12.72	min ~ max (mm) 12.32-12.66	DA
CALIBRU «TRECE» 80 MOSTRE(d)	6g	6g	DA
CALIBRU «NU TRECE» 80 MOSTRE(d)	6g	6g	DA
REZISTENȚA LA TRACȚIE 80 MOSTRE	min(Mpa) 830	min(Mpa) 911	DA
TENSIUNE LA TRACȚIUNE MAXIMĂ 80 MOSTRE(d)	Mpa 600	Mpa 600	DA
DURITATE 80 MOSTRE	HRC 23-34	HRC 26-30	DA
ALUNGIRE 80 MOSTRE	min (%) 12	min (%) 13.6	DA

COMPOZITIA CHIMICA	C	Si	Mn	P	S	
35K	0.36	0.28	0.73	0.021	0.022	
LUNGIME(L)=60						
LUNGIME 80 MOSTRE	min~max(mm) L±0.6		min~max(mm) L±0.52			DA

CONCLUZIE:

PRIN PREZENTUL SE CONFIRMĂ CĂ ARTICOLELE AU FOST TESTATE ÎN
PREZENȚA INSPECTORULUI ȘI S-A CONSTATAT CĂ ACESTEA RESPECTĂ
STANDARDUL DIN933.

Stampila: Compania de Control al Calității Nanjing Jingning

БИРОУ ДЕ ТРАДУЦЕРИ • БИРОУ ПЕРЕВОДОВ
INTERTEXT

str. 31 August, 129, Chișinău,
Moldova Tel./fax (+ 373.22)
233997. 234401 www.intertext.md

Subsemnata, Sînchetru Dorina, traducător autorizat
(limba engleză), certific exactitatea traducerii cu
textul înscrisului, care a fost vizată de mine la
09.12.2021

I, the undersigned, Sînchetru Dorina, an authorized
translator (English), hereby certify the accuracy of the
translation which corresponds to the text of the
document, which was signed by me on 09.12.2021

Semnătura traducătorului
Translator's signature



ORGANISMUL DE CERTIFICARE PRODUSE ICȘP "INMACOMPROIECT" SRL

CERTIFICAT DE CONFORMITATE



OCpr-018

Nr. de inregistrare OCpr - 018 C1607-21

Data emiterii: 08 aprilie 2021



ORGANISMUL DE CERTIFICARE

Organismul de Certificare produse din cadrul ICȘP "Inmacomproiect" SRL
MD 2015, mun. Chișinău, str. Sarmizegetusa, 15, tel. 022522066

PRIN PREZENTUL DOCUMENT SE CONFIRMĂ FAPTUL, CĂ PRODUSELE
IDENTIFICATE ASTFEL: DENUMIREA/DESCRIEREA

**Elemente de beton armat pentru fântâni la rețelele de canalizare, conducte de apă și gaz,
fabricate conform GOST 8020-90 (Anulat).**

Codul NCM 6810

Produs fabricat în serie

SÎNT CONFORME CU CERINȚELE STABILITE ÎN:

GOST 8020-90 pct. 1.3.1, 1.3.2, 1.3.3, 1.3.4.

PRODUCĂTOR

S.A. "F.E.C.", MD-2023, mun. Chișinău, str. Uzinelor, 96

SOLICITANT

Producătorul

CERTIFICATUL ESTE ELIBERAT ÎN BAZA:

Demersul MEI al RM nr.11-296 din 22.01.2021 și a scrisorilor ÎS "Administrația de Stat a Drumurilor"
nr. 06-05/1312 din 15.03.2021, nr. 05-11/1333 din 16.03.2021.

CERTIFICAT DE CONFORMITATE nr.001437 din 18.06.2019 eliberat de

OC "CVALIMETRITOT" SRL. Raport de încercări Nr.32/1 din 11.10.2020,

eliberat de LÎ "F.E.C" S.A., certificat de acreditare nr. LÎ-053, valabil pînă la 19.05.2024.

INFORMAȚIE SUPLIMENTARĂ:

Acest certificat este valabil numai pentru contractele indicate în anexa la acest certificat și pe termenul de valabilitate a contractelor. Supravegherea produselor certificate se va efectua de către OC ICȘP "Inmacomproiect" SRL una dată la șase luni. Sistemul de certificare 2+ Titularul prezentului certificat este obligat să aplice marca națională de conformitate SM pe produsele spicificate în prezentul certificat.

№ 00048

Conducătorul organismului
de certificare



E.Oprea

În atenția antreprenorilor și organelor de control!

Copiile certificatelor de conformitate se legalizează cu ștampila OC ICȘP "Inmacomproiect" SRL

EC DECLARATION OF CONFORMITY

We, "WATO" BG LTD., a corporation organized and existing under the laws of Republic of Bulgaria and having its principal business office at Bulgaria, administrative area Stara Zagora, Municipality of Kazanlak, Kazanlak, South Industrial Zone, Building "WATO" p.o. 3 and VAT registration according Bulgarian legislation :BG201549826, with Managing Director Miroslav Nanev Markov as a manufacturer of cast and ductile cast iron with epoxy coating isolating valves, check valves, regulating valves, air valves , fittings for connection with pipes of ductile cast iron and fittings for connection with pipes of PE/PVC and repair claps for construction of potable water supply systems outside buildings networks, wastewater networks or industrial networks

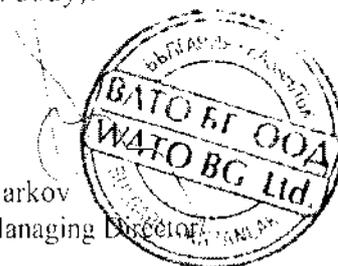
Declares on the sole responsibility

that the products , produced by "WATO" BG LTD. are in compliance with the requirements of the Pressure Equipment Directive 2014/68 /EU, Annex III, Module A and Regulation for the essential requirements and conformity assessment of pressure vessels from Ministry of Regional Development and Public Works of Republic of Bulgaria, (in force from 19.07.2016 Promulgated SG. No. 33 of 26 April 2016).

This declaration is issued on the basis of an internal production certificate control and test result from 19.07.2019. in accordance with the requirements for pressure equipment. The products are produced under the established and maintained by the manufacturer system for quality of the production process according to requirements of the standard EN ISO 9001: 2015, certified with certificate No.BG120569Q from 09.08.2017, issued by Bureau Veritas Certification Bulgaria, regional representative of Bureau Veritas Quality International, London, UK - conformity assessment body under number No 0062 by the European Commission (notified body).

Kazanlak

Miroslav Markov
/ Managing Director



Product Data Sheet



AkzoNobel

Oil. Powder. Answers Today.

Functional Powder Coatings

Resicoat® R4-FB

for Fluidized Bed Application on Preheated Surfaces

Code: HJC29R

Product Description

Resicoat® R4 is a high quality thermosetting epoxy powder coating for the corrosion protection of valves and fittings, manufactured from cast iron or steel. The powder coating is available to be applied in one layer on a preheated surface by electrostatic spray application or fluidized bed application. Typical film thickness achieved is in the range of 250 – 500 µm. The resultant thermoset epoxy has a high mechanical resistance with excellent electrical insulation properties. Drinking water approvals are available to confirm the coatings suitability, as a hygienic and environmental friendly coating. The outstanding adhesion of Resicoat® R4 epoxy powders to the metal substrate provides long term protection of the coated component. It ensures a reliable conservation to the function and value of the parts for the common water and gas distribution network. The applicator of Resicoat® R4 benefits from a modern and environmentally friendly process.

	Typical value	Method
Powder Properties	Binder System	Epoxy
	Density	1.3 – 1.4 g/cm ³ ISO 8130-2
	Gel time at 200° C	30 – 45 sec ISO 8130-6
	Storage stability	4 months from delivery date at ≤ 23° C
	MSDS	Pr. 508
Application Data	Preheating temperature	190 – 210° C object temperature
	Post cure conditions	self curing on 8 mm steel at above temp.
	Particle size distribution	< 63 µm = 45 – 60 % ISO 8130-1 < 200 µm = 93 – 100 %
Material Properties	Colour	RAL 5005
	Recommended film thickness	250 – 350 µm
	Flow	smooth
	Gloss at 60° angle	90 – 100 units DIN 8750
	Cross cut	5/5 DIN EN ISO 2409
	Impact resistance	> 5 J/m ² DIN 50677-2
	Dielectric strength	≥ 50 kV/mm DIN 30677-2
	Elongation	> 5 % DIN 30677-2
	Hardness	≥ 90 DIN EN ISO 2015
	Cathodic disbonding	< 10 mm DIN 30677-2
	Hot water immersion, 90° C, 4 weeks	no visible change
	Adhesion after 7 days, 90° C water	> 16 MPa acc. DIN EN ISO 4624 - GSK
Approvals	Drinking water approvals DE Beschreibungsleitlinie: C-135 201-06-Ko/St, Arbeitsblatt W270 W-148254-07e-S ¹ FR DGS/VS 4 N-99/217, AFNOR XP P41 750-1-3, No. de dossier: 07 MA ¹ LY 327 LSEH ¹ UK RS 6926, Approval No. 0612503, WRAS Gas approval DE Test of resistance to gas according to 269, 06/069/5123/3 DVGW	
Date of issue:	2012 July 3 rd	
Authorized by:	GK	
Revision Number:	1	

Disclaimer: This Product Data Sheet is based on the present state of our knowledge and on current laws. The data referring to Powder Properties, Application Data and Physical Tests is based on lab. based samples. Factors such as quality or condition of the substrate may have an effect on the use and application of the product. It remains the responsibility of the user to test thoroughly if the product is applicable for the intended use. The use of the product beyond our recommendation releases us from our responsibility, unless we have recommended the specific use in writing. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local codes and legislation. We are not liable for any application-technology advice. The Product Data Sheet shall be updated from time to time. Please ensure you have the latest version before using the product. All products and Product Data Sheets are subject to our standard terms and conditions of sale (GCS). You can receive the latest copy of GCS via internet or our post address. Brand names mentioned in this Product Data Sheet are trademarks of or are licensed to the AkzoNobel group.

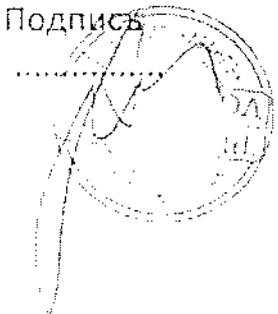
AkzoNobel Powder Coatings GmbH
 Markwiesenstraße 50
 72770 Reutlingen, Germany
 T +49 7121 519-191
 F +49 7121 519-193
 E resicoat@akzonobel.com
 www.akzonobel.com/resicoat

ДЕКЛАРАЦИЯ

Компания «WATO BG» подтверждает, что корпус задвижек, фланцевые адаптеры и муфты покрытый изнутри и снаружи антикоррозийным эпоксидным покрытием RAL 5005, толщина покрытия не менее - 250 микрон.

Дата: 13.12.2019

Подпись



11084



ANTONIA SLAVOVA Co.

BULGARIA, Sofia, 11 A Srebrenitsa Str. 1000 Sofia
Tel: fax: +359 011 644 20 e-mail: antonia.slavova@gmail.com

Translation from Bulgarian into English

Page 1

Ministry of Health

National centre of public health and analysis

15 Boulevard Academician Ivan Geshov tel: 02 80 56 444
1431 Sofia 02 951 53 02
Bulgaria fax: 02 954 12 11

National centre of public health and analysis

Ref. №840/22.06.2012

To:

Company Bulgarcontrola S.A.
Sofia 1000
42 Parchevich Str.
Ms T. Lyubenova
Director of Conformity Assessment
Department

Your reference №1079/1.6.2012

Our reference №2020/1.6.2012

Concerning: Request for preparing a statement of hygiene-toxicological safety for valves for water supply.

We send you an attached STATEMENT of hygiene-toxicological safety №2020-12-C-7/21.6.2012

Director:

/Docent Hr. Griva, signed, sealed/

Page 2

Ministry of Health

National centre of public health and analysis

15 Academician Ivan Geshov Boulevard tel: 02 80 56 444
1431 Sofia 02 951 53 02
Bulgaria fax: 02 954 12 11

STATEMENT OF HYGIENE-TOXICOLOGICAL SAFETY

№2020-12-C-7/21.6.2012

For valves for water supply (gate valves, isolating valves type "Butterfly", service gate valves).

Application form №2020/1.6.2012

Description of products:

The valves for water supply includes the following kinds of products: gate valves, isolating valves type "Butterfly", service gate valves

The following statement does not refer to the technical parameters of the products.

Note: The Applicant company Bulgarcontrola S.A. Sofia 1000, 42 Parhevich Str. bears the whole responsibility in cases of incorrect presentation of the submitted documents, or non declared information (unlabelled materials, not submitting of negative results, evaluation of carried out tests, etc.) which can consequently contribute to a secondary compromise of water.

Prepared by: /signed/

(Docent D-r K. Vasilev doctor of medicine)

National centre of public health and analysis

Ref. №840/22.06.2012

The hercafter signed Zlatka Koleva Dimitrova acknowledges the truth of the translation of this document made by me from Bulgarian into English- Statement of Hygiene-Toxicological Safety № 2020-12-C-7/21.6.2012. The translation consists of 3 (three) pages.

Translator: Zlatka Koleva Dimitrova



СТАНОВИЩЕ ЗА ХИГИЕННО-ТОКСИКОЛОГИЧНА БЕЗОПАСНОСТ

№ 2020-12-С-7/21.6. 2012г.

За водопроводна арматура (шибърни кранове, кранове тип „Бътерфлай“, тротоарни спирателни кранове)

Молба с вх.№ 2020/1.6.2012г.

Описание на продуктите:

Водопроводната арматура включва следния асортимент от продукти: шибърни кранове, кранове тип „Бътерфлай“ и тротоарни спирателни кранове

Предназначение на продуктите:

Продуктите са предназначени за влагане в инсталации за питейно-битово водоснабдяване.

Фирма заявител:

„Булгарконтрол“ АД, София, 1000, ул. „Парчевич“ № 42

Фирма производител:

„Вато Бг“ ООД, гр.Казанлък, пл. „Светицолни“ № 15 А

Представени документи:

1. Техническа спецификация за епоксидно прахово покритие издадено от производителя на покритието в сила от 18.12.2003г.
2. Продуктов лист за приложение на епоксидно покритие издаден от производителя на покритието/3.3.2010
3. Лист за безопасно приложение на епоксидно покритие издаден от производителя на покритието/30.9.2010
4. Декларация на производителя на епоксидното покритие за пригодност на продукта за контакт с питейна вода/15.12.2003
5. Сертификат за съответствие на еластомер с изискванията на Бригански стандарт BS 6920 (WRAS certificate). Ref. HL/M 5403/5.3.2008

От предоставените документи се вижда, че фирма „Вато Бг“ ООД произвежда чугунена водопроводна арматура (шибърни кранове, кранове тип „Бътерфлай“.



ANTONIA SLAVOVA Co.

BG, 1404 Kral. Sofia, 15-A Sevtopols Sep., floor 1, office 2
tel./fax: +359 031 641111, e-mail: antonia.slavova@gva.bg

Translation from Bulgarian

(emblem)

BULGARIAN ACCREDITATION SERVICE

CERTIFICATE OF ACCREDITATION

“LABOREX” TEST CENTRE

Address of management and laboratory
1431 Sofia, 15 “Ivan Geshov” blvd.

UIC: 175 385 529

SCOPE OF ACCREDITATION

To carry out testing of:

Foods; Soft drinks; Water; Materials and objects from polymer materials intended to be in contact with foods; Soils, sediments for waste water treatment, waste; Tobacco and tobacco products; Cosmetic products and toiletries; Building materials; Air in work environment; Chemical preparations; Medicines (for humans and animals); Chemical disinfectants and antiseptics.

Sample taking from:

Water;
Soil;
Waste.

ACCREDITED ACCORDING TO BDS EN ISO/IEC 17025:2006

Order No. **779/18.06.2010** represents an inseparable part of this Certificate of Accreditation.

Total **6** pages

Valid until: **30.06.2014**

BAS Reg. No. **267 JII**

Executive Director: */signed/ - Engineer Elza Yaneva*

Accreditation date: Sofia, 18.06.2010

/Round Stamp of the Bulgarian Accreditation Service, Republic of Bulgaria/

8. TEST RESULTS**8.1. Tests within the scope of accreditation**

No.	Sample ID No	Index name	Measurement unit	Test method (standard/validated)	Test results (value, indefiniteness)	Index value and tolerance*	Testing conditions	
1	10-P/11	Selenium	µg/l	BDS EN ISO 9965	0.34±0.03	10	Air temperature (20±3)° C, Air humidity - 19%	
2		Arsenic	µg/l	BDS EN ISO 11969	0.15±0.02	10		
3		Mercury	µg/l	EPA 7473	<0.05	1.0		
4		Lead	µg/l	BDS EN ISO 15586	<1.0	10		
5		Cadmium	µg/l		<0.10	5.0		
6		Total organic carbon	µg/l		<1	±15		
7		Benzene	µg/l	BDS ISO 11423-2	<0.5	1		Air temperature - 18° C, Air humidity - 38%
8		Epichlorohydrine	µg/l	BDS EN ISO 10301	<0.01	10		
9		Toluene	µg/l		<0.01	3		
10		Xylene	µg/l		<1			
11		Primary aromatic amines	µg/l		BDS EN ISO 17993	<0.01		
12	10-P 11	Colour	mg/l Pt	BDS EN ISO 7887 BDS 3424	0	without colour	Air temperature - 18° C, Air humidity - 38%	
13		pH			7.2	6.5 - 9.5		
14		Turbidity	NTU	BDS EN ISO 7027	<0.05	acceptable		

8.2. Tests outside the scope of accreditation

No.	Sample ID No	Index name	Measurement unit	Test method (standard/validated)	Test results (value, indefiniteness)	Index value and tolerance*	Testing conditions
1	10-P. 11	Oxidisability	mgO ₂ /l	LMI: LB-05-29-01	<0.15	5.0	Air temperature (20±3)° C, Air humidity 19%

SUPPLEMENT

To Protocol No. 10/21.04.2014 of "Laborex" Test Centre

The analyzed indexes refer to the following products:

A) Valves type:

- Butterfly:
(wafer, lug type, U-type, concentric and double eccentric) - 40÷2200 mm
- Gate valves:
(with rubber wedge, flanged or threaded) 20÷800 mm
- Check valves:
(with a ball, a disk, wafer type, flange-mounted) - 15÷800 mm
- Air valve - 40÷500 mm

B) Filters (Y-type) - 50÷600 mm

C) Fittings:

- Couplings;
- Dismantling joints;
- Flange adapters;
- Repair clamps.

I, the undersigned Rumyana Kirilova Stoyanova in my capacity of official translator, hereby certify that the above instrument, consisting of 5 (two) pages is a true and complete translation into English language of the attached official document - Accreditation Certificate, Test Record and Supplement, originally composed in Bulgarian language. In testimony thereof I have hereunto set my hand and affixed the official seal of the company.

Translator:



Rumyana Kirilova Stoyanova

ЛАБОРЕКС-ЕАД
ИЗПИТВАТЕЛЕН ЦЕНТЪР "ЛАБОРЕКС"
София-1431, бул."Акад.Иван Гешов" № 15

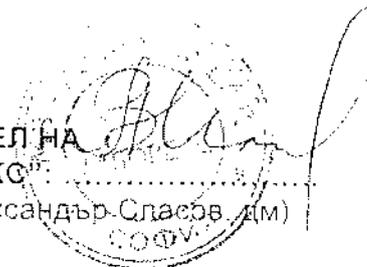
Акредитиран от Изпълнителна Агенция "Българска Служба за Акредитация"
Сертификат Заповед № 779/18.06.10г. БСА РЕГ. № 267 ЛИ/18.06.10г.; валиден до 30.06.2014 г.

ФК 5.10*01
Лист 1
Всичко листове 4

ПРОТОКОЛ ОТ ИЗПИТВАНЕ
№ 10/21.04.2014 г.

1. **Възложител на изпитването:** WATO Бг ООД
Възлагателно писмо вх.№ 22/09.04.2014 г.
(наименование, адрес, документ за възлагане на изпитването)
2. **Наименование на образеца за изпитване:** Водопроводна арматура- ID № 10-P/11
(описание на образеца и ID № на извадката за изпитване)
3. **Методи за изпитване; показатели:**
 - БДС EN ISO 11969 – Арсен
 - БДС EN ISO 9965 –Селен.
 - ЕРА 7473 – Живак;
 - БДС EN ISO 15586 – Кадмий, Олово;
 - БДС EN ISO 10301 – Формалдехид
 - БДС EN ISO 17993 - Епихлорхидрин ,Толуен ,Ксилен
 - БДС ISO 11423-2 – Бензен;
 - БДС 3424 –рН
 - Първични ароматни амини
 - БДС EN ISO 7887 –Цвят;
 - Окисляемост
 - БДС EN ISO 7027 –Мътност;
 - Общ органичен въглерод
4. **Дата на получаване на извадките за изпитване:** 09.04.2014 г.
(при предоставяне от клиента)
5. **Протокол за пробовземане:** пробите са предоставени от Възложителя
(№, дата, специалист от И.Ц.А извършил пробовземането)
6. **Количество на изпитваните образци:** 2 бр. мостри
(в т.ч. фабричен №, вид опаковка, количество на партидите и др.)
7. **Дата на извършване на изпитването:** 10.04. - 20.04.2014 г.

РЪКОВОДИТЕЛ НА
ИЦ "ЛАБОРЕКС"
(Доц. д-р Александър Славев, д.м.)



ФК 5.10-01

Протокол № 10
Лист 3 Вижко листове 4



№ по ред	ID № на извадката	Наименование на показателя	Единица на величината	Метод на изпитване (стандартен/валидиран)	Резултати от изпитването (стойност/неопределеност)	Стойности допуск на показателя*	Условия на изпитването
12	10-P/11	Цвет	mg/l Pt	БДС EN ISO 7887	0	Без цвят	Температура на въздуха - 18°C
13	10-P/11	pH		БДС 3424	7.2	6.5-9.5	Влажност на въздуха - 39%
14		Мътност	NTU	БДС EN ISO 7027	< 0.05	приемлив	

8.2. Изпитвания, извън обхвата на акредитация

№ по ред	ID № на извадката	Наименование на показателя	Единица на величината	Метод на изпитване (стандартен/валидиран)	Резултати от изпитването (стойност/неопределеност)	Стойности допуск на показателя*	Условия на изпитването
1	10-P/11	Окисляемост	mgO ₂ /l	ЛМИ ИБ-05-29-01	0.15	5.0	Температура на въздуха - (20±3)°C Влажност на въздуха - 19%



ПРИЛОЖЕНИЕ

Към Протокол No 40/21.04.2014 г. на ИЦ „Либорекс“

Активизираните покривачи се отнасят за следните продукти:

А) Свързващи кракове тип:

- Бюгерфлай :
(water, lug, U-type, concentric и double eccentric) - 40-2000 mm
- Шибърев :
те гумирая кина, на фланца и на резба) 20-800mm.
- Възвратни:
с гонка, с диск, междуфланцова (фланцова) - 15-800 mm
- Въздушник - 40-500 mm

Б) Филтри (Y тип)- 50-600 mm

В) Свързващи части:

- жиба
- демонгажни връзки :
- фланшови адаптори:
- аварийни скоба.



CENTRUL TEHNIC PENTRU SECURITATE
INDUSTRIALĂ ȘI CERTIFICARE SRL



CERTIFICAT DE CONFORMITATE

Nr. de înregistrare **OCP_{GSP} MD 015 13C 49378-22**

Data emiterii **26 august 2022** Valabil pînă la **26 august 2023**

ORGANISMUL DE CERTIFICARE A PRODUSELOR CU GRAD SPORIT DE PERICOL
din cadrul SRL "Centrul Tehnic pentru Securitate Industrială și Certificare", certificat de acreditare OCpr-015,
MD-2001, mun. Chișinău, str. Melestiu, 22/A, tel.: 022208156, 022208186

PRIN PREZENTUL DOCUMENT SE CONFIRMĂ FAPTUL, CĂ PRODUSELE IDENTIFICATE ASTFEL:

DENUMIREA / DESCRIEREA

Reductoare de presiune, marca comercială ARMAS,
tipurile, dimensiunile - conform anexei (3 poziții),
livrarea conform contractului nr.1/06.11.18 din 11.01.2019,
păstrarea: RM, r-nul Criuleni, s.Măgdăcești, str.Orhei 100 (km.17)

Codul NC MD
8481

SUNT CONFORME CU CERINȚELE OBLIGATORII STABILITE ÎN
GOST 11881-76, p.2.2

PRODUCĂTOR

ARMAŞ Su Armaturleri San. ve Tic.A.Ş.
42300, Konya, Org.San.Bolgesi Atabey Sokak, 11/A, Turcia

Codul țării
TR

CLIENT

HYDROSYSTEMS ML SRL
RM, r-nul Criuleni, s.Măgdăcești, str.Orhei 100 (km.17)

Codul IDNO
1006600048410

CERTIFICATUL ESTE ELIBERAT ÎN BAZA

Raportului de identificare a produselor nr. 6/258 din 01.08.2022.
Raportului de încercări nr. 309-22C din 09.08.2022,
eliberat de LÎ "LabTest-Airin" SRL, certificat de acreditare nr.LÎ-016.
Raportului de evaluare nr.6/054-ev din 26.08.2022.

INFORMAȚIE SUPLIMENTARĂ

Certificatul este eliberat conform schemei de tip 2.
Este stabilită o supraveghere după 6 luni de la emiterea certificatului dat.
Certificatul este valabil numai în prezența anexei la certificatul dat.

Seria C nr. 006339



Conducătorul
organismului de certificare

Angela Postolache



În atenția antreprenorilor și organelor de control!
Copiile certificatului de conformitate se legalizează în modul stabilit de
Organismul de Certificare a Produselor cu Grad Sporit de Pericol

CENTRUL TEHNIC PENTRU SECURITATE
INDUSTRIALĂ ȘI CERTIFICARE SRL

Fila 1 File 1

Anexă

la certificatul de conformitate

Nr. OC P_{GSP} MD 015 13C 49378-22 din 26.08.2022

Lista produselor concrete asupra cărora se extinde acțiunea certificatului de conformitate

Nr.	Tipuri	Dimensiuni
1	87PR	DN 50-2"
		DN 65-2 1/2"
		DN 80-3"
		DN 100-4"
2	67PR	DN 50-2"
		DN 65-2 1/2"
		DN 80-3"
		DN 100-4"
3	67FL	DN 50-2"
		DN 65-2 1/2"
		DN 80-3"
		DN 100-4"

Seria 003148

Conducătorul
organismului de certificare



Angela Postolache

Anexa nu este valabilă în lipsa certificatului de conformitate



BULGARKONTROLA S.A.

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

Head office: 23, Sitnyakovo Blvd., 1505 Sofia, Bulgaria
Emergency mobile: +359 889 400 400, Tel.: +359 2 989 4070, Fax: +359 2 988 2354
E-mail: sales@bulgarkontrola.bg, cert@bulgarkontrola.bg

CERTIFICATE OF CONFORMITY

14 – **HYPCIIICPB – 3447**

Issued pursuant to Art. 14, par.1 and par.2 of the Regulation № ПД-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 № 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-HYPCIIICPB-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.

[Signature]
/E. Lyubanova/

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



1. Product range, operating pressure and dimensions

№	Product range	DN mm	PN bar
I.	Isolating valves	40÷800	10/16
1.1.	Resilient seated gate valve Series 14/15	40÷1200	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÷600	10/16
1.5.	Butterfly valve-U type, Series 20	50÷1200	10/16
1.6.	Butterfly valve-Concentric, double flanged, Series 13	100÷2400	10/16
1.7.	Butterfly valve-Double eccentric, double flanged, Series 14	¾"÷2"	10/16
1.8.	Service gate valve		
II.	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		

Place: Sofia
Date: 31/07/2020

Director of "Conformity Assessment" Dept. *[Signature]*
/T. Lyubenova/





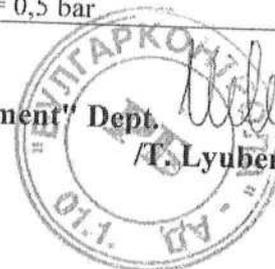
2. Evaluated characteristics in accordance with national requirements

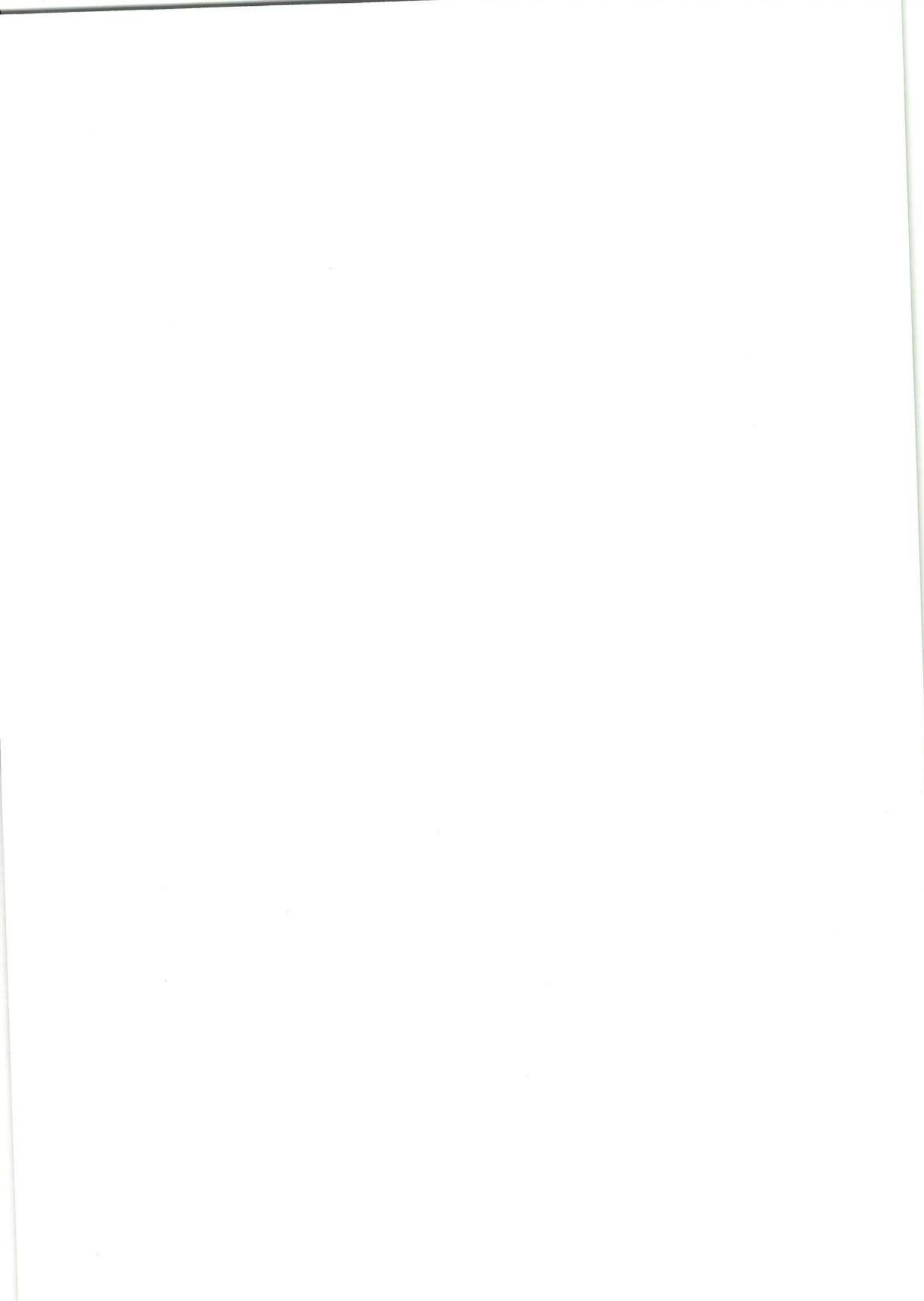
Characteristics	Requirement to declare / border level
Resistance to internal pressure of the body and all pressurized parts	no damage and leakage at $P = (1,5 \times PN)$ bar
Resistance to the closing body of internal pressure	no damage and leakage at $P = (1,5 \times PN)$ bar
Tightness of the body in 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.

[Signature]
/T. Lyubanova/







ANTONIA SLAVOVA Co.

BG, 6100 Kazanlak, 15-A Sevtopolis Sqr., floor 1, office 2
tel./fax: + 359 431 64330, e-mail: office.slavova@gmail.com

Translation from Bulgarian into English

Page 1

Ministry of Health

National centre of public health and analysis

15 Boulevard Academician Ivan Geshov
1431 Sofia

tel: 02 80 56 444

Bulgaria

02 951 53 02

National centre of public health and analysis

fax: 02 954 12 11

Ref. №840/22.06.2012

To:

Company Bulgarcontrola S.A.

Sofia 1000

42 Parchevich Str.

Ms T. Lyubenova

Director of Conformity Assessment

Department

Your reference №1079/1.6.2012

Our reference №2020/1.6.2012

Concerning: Request for preparing a statement of hygiene-toxicological safety for valves for water supply.

We send you an attached STATEMENT of hygiene-toxicological safety №2020-12-C-7/21.6.2012

Director:

/Docent Hr. Griva, signed, sealed/

Page 2

Ministry of Health

National centre of public health and analysis

15 Academician Ivan Geshov Boulevard

tel: 02 80 56 444

1431 Sofia

02 951 53 02

Bulgaria

fax: 02 954 12 11

STATEMENT OF HYGIENE-TOXICOLOGICAL SAFETY

№2020-12-C-7/21.6.2012

For valves for water supply (gate valves, isolating valves type "Butterfly", service gate valves).

Application form №2020/1.6.2012

Description of products:

The valves for water supply includes the following kinds of products: gate valves, isolating valves type "Butterfly", service gate valves

Purpose of the products:

The products are intended for use in drinking water supply systems.

Applicant company:

Bulgarcontrola S.A., Sofia, 1000, 42 Parchevich Str.

Manufacturing company:

Wato BG Ltd, town of Kazanlak; 15A, Sevtopolis square

Documents submitted:

1. Technical specification for epoxy powder coating issued by the manufacturer of the coating valid since 18.12.2003
2. List of products for application of the epoxy coating issued by the manufacturer of the coating /3.3.2010
3. List for safety application of the epoxy coating issued by the manufacturer of the coating /30.9.2010
4. Declaration by the manufacturer of the coating for suitability of the product to contact with drinking water /15.12.2003
5. Certificate for conformity of elastomer with the requirements of the British standard BS 6920 (WRAS Certificate), Ref. HL/M 5403/5.3.2008.

From the submitted documents it is obvious that the Company Wato BG Ltd manufactures cast iron water supply valves (gate valves, isolating valves type "Butterfly", service gate valves) with internal and external corrosion coating intended for use with distribution systems for drinking water supply.

Page 3

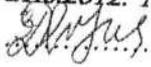
According to the information presented the contents of the raw materials used for manufacture and completion of the valves– corrosion coating and elastomers comply with the regulatory requirements to the materials designed for drinking water supply and do not affect adversely the quality of the supplied water.

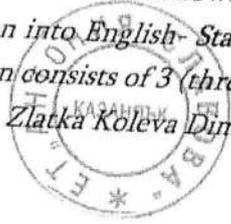
Conclusion: Having in mind the submitted information concerning the contents of the raw materials used in the process of manufacture and the certificates for conformity of the materials with the requirements to products used for water supply, it could be accepted that the cast iron water supply valves (gate valves, isolating valves type "Butterfly", service gate valves) with internal and external corrosion coating, manufactured by Wato BG Ltd, town of Kazanlak; 15A, Sevtopolis square, as well as flexible elastomeric seals used in installation of the water supply valves, comply with the requirements of Article 13 of Regulation No. 9 of 16 March 2001 on the Quality of Water Intended for Human Consumption can be used in building installations and nets for distribution of drinking water supply.

The following statement does not refer to the technical parameters of the products.
Note: The Applicant company Bulgarcontrola S.A. Sofia 1000, 42 Parchevich Str. bears the whole responsibility in cases of incorrect presentation of the submitted documents, or non declared information (unlabelled materials, not submitting of negative results, evaluation of carried out tests, etc.) which can consequently contribute to a secondary compromise of water.

Prepared by: /signed/
(Docent D-r K. Vasilev doctor of medicine)
National centre of public health and analysis
Ref. №840/22.06.2012

The hereafter signed Zlatka Koleva Dimitrova acknowledges the truth of the translation of this document made by me from Bulgarian into English- Statement of Hygiene-Toxicological Safety № 2020-12-C-7/21.6.2012. The translation consists of 3 (three) pages.

Translator: ... 


Zlatka Koleva Dimitrova



МИНИСТЕРСТВО НА ЗДРАВЕОПАЗВАНЕТО
НАЦИОНАЛЕН ЦЕНТЪР ПО ОБЩЕСТВЕНО ЗДРАВЕ И АНАЛИЗИ

Бул. "Акад. Иван Гешов" 15
1431 София
България

Тел.: 02 80 56 444
02 951 53 02
Факс: 02 954 12 11

НАЦИОНАЛЕН ЦЕНТЪР ПО
ОБЩЕСТВЕНО ЗДРАВЕ И АНАЛИЗИ
Изм. № 840/11.06.2012
Вх. №20.....

До
Фирма „Булгарконтрола“ АД
София 1000
Ул. "Парчевич" № 42
Г-жа Т. Любенова
Директор на
Дирекция „ОС“

На Ваш изх. № 1079/1.6.2012
Към наш вх. № 2020/1.6.2012г.

Относно: Молба за изготвяне на становище за хигиенно-токсикологична безопасност на водопроводна арматура

Приложено Ви изпращаме СТАНОВИЩЕ за хигиенно-токсикологична безопасност
№ 2020-12-С-7/21.6.2012г.

ДИРЕКТОР
(Доц. Хр. Грива)





МИНИСТЕРСТВО НА ЗДРАВЕОПАЗВАНЕТО
НАЦИОНАЛЕН ЦЕНТЪР ПО ОБЩЕСТВЕНО ЗДРАВЕ И АНАЛИЗИ

Бул. "Акад. Иван Гешов" 15
1431 София
България

Тел.: 02 80 56 444
02 951 53 02
Факс: 02 954 12 11

СТАНОВИЩЕ ЗА ХИГИЕННО-ТОКСИКОЛОГИЧНА БЕЗОПАСНОСТ

№ 2020-12-С-7/21.6. 2012г

За водопроводна арматура (шибърни кранове, кранове тип „Бътерфлай“, тротоарни спирателни кранове)

Молба с вх.№ 2020/1.6.2012г.

Описание на продуктите:

Водопроводната арматура включва следния асортимент от продукти: шибърни кранове, кранове тип „Бътерфлай“ и тротоарни спирателни кранове

Предназначение на продуктите:

Продуктите са предназначени за влагане в инсталации за питейно-битово водоснабдяване.

Фирма заявител:

„Булгарконтрола“ АД, София, 1000, ул. „Парчевич“ № 42

Фирма производител:

„Вато Бг“ ООД, гр. Казанлък, пл. „Севтополис“ № 15 А

Представени документи:

1. Техническа спецификация за епоксидно прахово покритие издадено от производителя на покритието в сила от 18.12.2003г.
2. Продуктов лист за приложение на епоксидно покритие издаден от производителя на покритието/3.3.2010
3. Лист за безопасно приложение на епоксидно покритие издаден от производителя на покритието/30.9.2010
4. Декларация на производителя на епоксидното покритие за пригодност на продукта за контакт с питейна вода/15.12.2003
5. Сертификат за съответствие на еластомер с изискванията на Британски стандарт BS 6920 (WRAS certificate), Ref. HL/M 5403/5.3.2008

От предоставените документи се вижда, че фирма „Вато Бг“ ООД произвежда чугунена водопроводна арматура (шибърни кранове, кранове тип „Бътерфлай“,

тротоарни спирателни кранове) с вътрешно и външно антикорозионно покритие предназначени за влагане в инсталации за пренос на питейна вода.

Съгласно предоставената информация съставът на използваните за производство и окомплектоване на арматурата суровини и материали – антикорозионно покритие и еластомери отговарят на нормативните изисквания към материалите предназначени за пренос на питейна вода и не повлияват неблагоприятно качеството на провежданата вода.

ЗАКЛЮЧЕНИЕ: На основа на предоставената информация за състава на суровините и материалите влагани в производството и сертификатите за съответствие на материалите с изискванията към продукти използвани във водоснабдяването може да се приеме, че чугунената водопроводна арматура (шибърни кранове, кранове тип «Бътерфлай» и тротоарни спирателни кранове) с положено вътрешно и външно антикорозионно покритие, производство на фирма „Вато Бг“ ООД, гр.Казанлък,, пл.„Севтополис“ № 15 А, както и гъвкави еластомерни уплътнения използвани при монтажа на водопроводната арматура, отговарят на изискванията на чл.13 от Наредба № 9/16.3.2001г за качеството на водата предназначена за питейно-битови цели и могат да се влагат в изграждането на инсталации и мрежи за питейно-битово водоснабдяване.

Настоящото становище не се отнася до техническите параметри на продуктите.

Забележка: Фирмата заявител „Булгарконтрола“ АД, София, 1000, ул.„Парчевич“ № 42, носи цялата отговорност в случаи на некоректно представяне на приложените документи, на недекларирана информация (необявени суровини и материали, непредставяне на негативни резултати, оценки от проведени изпитвания и др.) вследствие на което може вторично да се компрометира качеството на водата.

Изготвил:

(Доц.д-р К.Василев дм)

НАЦИОНАЛЕН ЦЕНТЪР ПО	
ОБЩЕСТВЕНО ЗДРАВЕ И АНАЛИЗИ	
Изх. №	870/22.06.2012
Вх. №	20

IBOBA



ANTONIA SLAVOVA Co.

BC, 6100 Kazanlak, 15-A Sevtopolis Sqr., floor 1, office 2
tel./fax: + 359 431 64330, e-mail: office.slavova@gmail.com

Translation from Bulgarian

(emblem)

BULGARIAN ACCREDITATION SERVICE CERTIFICATE OF ACCREDITATION

“LABOREX” TEST CENTRE

Address of management and laboratory
1431 Sofia, 15 “Ivan Geshov” blvd.

UIC: 175 385 529

SCOPE OF ACCREDITATION

To carry out testing of:

Foods; Soft drinks; Water; Materials and objects from polymer materials intended to be in contact with foods; Soils, sediments for waste water treatment, waste; Tobacco and tobacco products; Cosmetic products and toiletries; Building materials; Air in work environment; Chemical preparations; Medicines (for humans and animals); Chemical disinfectants and antiseptics.

Sample taking from:

Water;
Soil;
Waste.

ACCREDITED ACCORDING TO BDS EN ISO/IEC 17025:2006

Order No. 779/18.06.2010 represents an inseparable part of this Certificate of Accreditation.
Total 6 pages

Valid until: 30.06.2014

BAS Reg. No. 267 JИ

Executive Director: /signed/ - *Engineer Elza Yaneva*

Accreditation date: Sofia, 18.06.2010

/Round Stamp of the Bulgarian Accreditation Service, Republic of Bulgaria/

“LABOREX” LTD

“LABOREX” TEST CENTRE
1431 Sofia, 15 “Ivan Geshov” blvd.

Accredited by the “Bulgarian Accreditation Service” Executive Agency
Certificate Order No. 779/18.06.10 BSA; BAS Reg. No. 267 ЛИ/18.06.2010;
valid until 30.06.2014

ФК 5.10*01
Sheet 1
Total sheets 4

TEST RECORD
No. 10 / 21.04.2014

1. **Assignor of the testing:** WATO BG LTD
Letter of Assignment, ref. No. 22/09.04.2014
(name, address, document for the assignment of the test)
2. **Name of the test sample:** valve for water supply-- ID No. 10-P/11
(name of the sample and ID of the test sample)
3. **Testing methods; indexes:**
 - BDS EN ISO 11969 – Arsenic
 - BDS EN ISO 9965 – Selenium
 - EPA 7473 – Mercury
 - BDS EN ISO 15586 – Cadmium, Lead
 - BDS EN ISO 10301 – Formaldehyde
 - BDS EN ISO 17993 – Epichlorohydrine, Toluene, Xylene
 - BDS ISO 11423-2 – Benzene;
 - BDS 3424 – pH
 - Primary aromatic amines
 - BDS EN ISO 7887 – Colour
 - Oxidisability
 - BDS EN ISO 7027 – Turbidity
 - Total organic carbon
4. **Date of receiving the test samples:** 09.04.2014
(when provided by the client)
5. **Protocol for taking the samples:** the samples are provided by the Assignor
(No, date, specialist from TCL who took the sample)
6. **Quantity of tested samples:** 2 pcs of samples
(including Serial No., packaging type, quantity of the shipments, etc.)
7. **Date of carrying out the testing:** 10.04.2014 -20.04.2014

Head of the Laborex Testing Centre: /signed/
(Associate Professor D-r Alexander Spasov, MD)

8. TEST RESULTS

8.1. Tests within the scope of accreditation

No.	Sample ID No	Index name	Measurement unit	Test method (standard/validated)	Test results (value, indefiniteness)	Index value and tolerance*	Testing conditions	
1	10-P/11	Selenium	µg/l	BDS EN ISO 9965	0.34±0.03	10	Air temperature (20±3)° C. Air humidity - 19%	
2		Arsenic	µg/l					
3		Mercury	µg/l	BDS EN ISO 11969	0.15±0.02	10		
4		Lead	µg/l	EPA 7473	<0.05	1.0		
5		Cadmium	µg/l	BDS EN ISO 15586	<1.0	10		
6		Total organic carbon	µg/l		<0.10	5.0		
7		Benzene	µg/l		<1	≤15		
8		Epichlorohydrine	µg/l	BDS ISO 11423-2	<0.5	1		Air temperature - 18° C. Air humidity - 38%
9		Toluene	µg/l	BDS EN ISO 10301	<0.01	10		
10		Xylene	µg/l		<0.01	3		
11		Primary aromatic amines	µg/l		<1	0.3		
12	Colour	mg/l Pt	BDS EN ISO 17993		<0.01	0.3		
13	10-P/11	pH	BDS EN ISO 7887 BDS 3424	0	without colour	Air temperature - 18° C. Air humidity - 38%		
14		Turbidity	NTU	BDS EN ISO 7027	7.2		6.5 - 9.5	
					<0.05		acceptable	

8.2. Tests outside the scope of accreditation

No.	Sample ID No	Index name	Measurement unit	Test method (standard/validated)	Test results (value, indefiniteness)	Index value and tolerance*	Testing conditions
1	10-P/11	Oxidisability	mgO ₂ /l	LMI: LB-05-29-01	<0.15	5.0	Air temperature (20±3)° C. Air humidity - 19%

REMARK I: If necessary the test record can include opinions and interpretations for specific tests (conclusions are not allowed) only in conformity with the requirements of item 5.10.5 of BDS EN ISO/IEC 17025:2006

REMARK II: The test results only refer to the tested samples. Extracts from the test record cannot be copied without the written consent of the test laboratory. Copies of the records are to be valid only if bearing the wet stamp of "Laborex" Test Centre.

REMARK III: * The tolerance values of the index in column 7 are in accordance with Regulation No.9 from 2001.

REMARK IV: The "-" sign means that the index is not limited according to Regulation No.9 of the Ministry of Health, Official Gazette issue 30/2001 (column 7).

REMARK V: The "<0.0..." sign means that there is no presence confirmed at the indicated limit of detecting the method.

Heads of the Laboratories: 1. Associate professor Zlatka Bratanova, D.Ch. /signed/
2. Lidiya Mechkueva /signed/

Head of "Laborex" Test Centre: Associate Professor D-r Alexandar Spasov, MD /signed/

/Round Seal of "Laborex" LTD, Laborex, Sofia/

SUPPLEMENT

To Protocol No. 10/21.04.2014 of "Laborex" Test Centre

The analyzed indexes refer to the following products:

- A) Valves type:
- Butterfly:
(wafer, lug type, U-type, concentric and double eccentric) - 40÷2200 mm
 - Gate valves:
(with rubber wedge, flanged or threaded) 20÷800 mm
 - Check valves:
(with a ball, a disk, wafer type, flange-mounted) - 15÷800 mm
 - Air valve - 40÷500 mm
- B) Filters (Y-type) - 50÷600 mm
- C) Fittings:
- Couplings;
 - Dismantling joints;
 - Flange adapters;
 - Repair clamps.

I, the undersigned Romyana Kirilova Stoyanova in my capacity of official translator, hereby certify that the above instrument, consisting of 5 (two) pages is a true and complete translation into English language of the attached official document – Accreditation Certificate, Test Record and Supplement, originally composed in Bulgarian language. In testimony thereof I have hereunto set my hand and affixed the official seal of the company.

Translator:



Romyana Kirilova Stoyanova



БЪЛГАРСКА СЛУЖБА
ЗА АКРЕДИТАЦИЯ

СЕРТИФИКАТ ЗА АКРЕДИТАЦИЯ

"ЛАБОРЕКС" ЕАД

ИЗПИТВАТЕЛЕН ЦЕНТЪР "ЛАБОРЕКС"

Адрес на управление и лаборатория:
1431 София, бул. "Иван Гешов" № 15

ЕИК: 175 385 529

ОБХВАТ НА АКРЕДИТАЦИЯ:

Да извършва изпитване на:

Храни; Безалкохолни напитки; Води; Материали и предмети от полимерни материали, предназначени за контакт с храни; Почви, утайки от пречистване на отпадъчни води, отпадъци; Тютюн и тютюневи изделия; Козметични и тоалетни продукти; Строителни материали; Въздух в работна среда; Химични препарати; Лекарствени препарати (за хора и животни); Химични дезинфектанти и антисептици.

Вземане на проби от:

Води;
Почви;
Отпадъци.

АКРЕДИТИРАНА СЪГЛАСНО БДС EN ISO/IEC 17025:2006

Заповед № ...1797/18.06.2010 г. е неделима част от сертификата за акредитация,

общо6.... страници

Валиден до:30.06.2014 г.

БСА рег. №267 ДИ.....

Изпълнителен директор:

инж. Елза Янева

София,18/06/2010 г.

Дата на акредитация:



1797 София, бул. "Д-р Г. М. Димитров" 52А, тел. 02 873 5302; факс: 02 873 5303
e-mail: ea_bas@abv.bg / www.nab-bas.bg

ЛАБОРЕКС-ЕАД
ИЗПИТВАТЕЛЕН ЦЕНТЪР "ЛАБОРЕКС"
София-1431, бул."Акад.Иван Гешов" № 15

Акредитиран от Изпълнителна Агенция "Българска Служба за Акредитация"
Сертификат Заповед № 779/18.06.10г. БСА РЕГ. № 267 ЛИ/18.06.10г.; валиден до 30.06.2014 г.

ФК 5.10*01
Лист 1
Всичко листове 4

ПРОТОКОЛ ОТ ИЗПИТВАНЕ
№ 10/21.04.2014 г.

1. Възложител на изпитването: WATO Бг ООД
Възлагателно писмо вх.№ 22/09.04.2014 г.
(наименование, адрес, документ за възлагане на изпитването)
2. Наименование на образеца за изпитване: Водопроводна арматура- ID № 10-P/11
(описание на образеца и ID № на извадката за изпитване)
3. Методи за изпитване; показатели:
 - БДС EN ISO 11969 - Арсен
 - БДС EN ISO 9965 -Селен;
 - ЕРА 7473 - Живак;
 - БДС EN ISO 15586 - Кадмий, Олово;
 - БДС EN ISO 10301 - Формалдехид
 - БДС EN ISO 17993 - Епихлорхидрин ,Толуен ,Ксилен
 - БДС ISO 11423-2 - Бензен;
 - БДС 3424 -рН
 - Първични ароматни амини
 - БДС EN ISO 7887 -Цвят;
 - Окисляемост
 - БДС EN ISO 7027 -Мътност;
 - Общ органичен въглерод
4. Дата на получаване на извадките за изпитване: 09.04.2014 г.
(при предоставяне от клиента)
5. Протокол за пробовземане: пробите са предоставени от Възложителя
(№, дата, специалист от ИЦЛ извършил пробовземането)
6. Количество на изпитваните образци: 2 бр. мостри
(в т.ч. фабричен №, вид опаковка, количество на партидите и др.)
7. Дата на извършване на изпитването: 10.04. - 20.04.2014 г.

РЪКОВОДИТЕЛ НА
ИЦ "ЛАБОРЕКС"
(Доц. д-р Александър Славов, дм)





ФК 5.10*01

Протокол № 10

Лист 2 Всичко листове 4

8. РЕЗУЛТАТИ ОТ ИЗПИТВАНЕТО

8.1. Изпитвания в обхвата на акредитацията

№ по ред	ID № на извадката	Наименование на показателя	Единица на величината	Метод на изпитване (стандартен / валидиран)	Резултати от изпитването (стойност, неопределеност)	Стойност и допуск на показателя*	Условия на изпитването	
1.	10-P/11	Селен	µg/l	БДС EN ISO 9965	0,34 ± 0,03	10	Температура на въздуха - (20 ± 3)°C. Влажност на въздуха - 19%	
2.		Арсен	µg/l	БДС EN ISO 11969	0,15 ± 0,02	10		
3.		Живак	µg/l	ЕРА 7473	< 0,05	1,0		
4.		Олово	µg/l	БДС EN ISO 15586	< 1,0	10		
5.		Кадмий	µg/l		< 0,10	5,0		
6.		Общ органичен въглерод	mg/l		< 1	≤ 15		
7.		Бензен	µg/l	БДС ISO 11423-2	< 0,5	1		
8.		Епихлорхидрин	µg/l		< 0,01	10		
9.		Толуен	µg/l	БДС EN ISO 10301	< 0,01	3		Температура на въздуха - 18°C. Влажност на въздуха - 38%
10.		Ксилен	µg/l		< 1	3		
11.		Първични ароматни амини	µg/l	БДС EN ISO 17993	< 0,01	0,3		

ФК 5.10*01

Протокол № 10
Лист 3 Всичко листове 4



№ по ред	ID № на извадката	Наименование на показателя	Единица на величината	Метод на изпитване (стандартен /валидиран)	Резултати от изпитването (стойност, неопределеност)	Стойност и допуск на показателя*	Условия на изпитването
12.	10-P/11	Цвет	mg/l Pt	БДС EN ISO 7887 БДС 3424 БДС EN ISO 7027	0	Без Цвят	Температура на въздуха - 18°C. Влажност на въздуха - 38%
13.		pH			7,2	6,5-9,5	
14.		Мътност	NTU		< 0,05	приемлив	

8.2. Изпитвания, извън обхвата на акредитация

№ по ред	ID № на извадката	Наименование на показателя	Единица на величината	Метод на изпитване (стандартен /валидиран)	Резултати от изпитването (стойност, неопределеност)	Стойност и допуск на показателя*	Условия на изпитването
1.	10-P/11	Окисляемост	mgO ₂ /l	ЛМИ: ЛБ-05-29-01	< 0,15	5,0	Температура на въздуха - (20±3)°C Влажност на въздуха - 19%

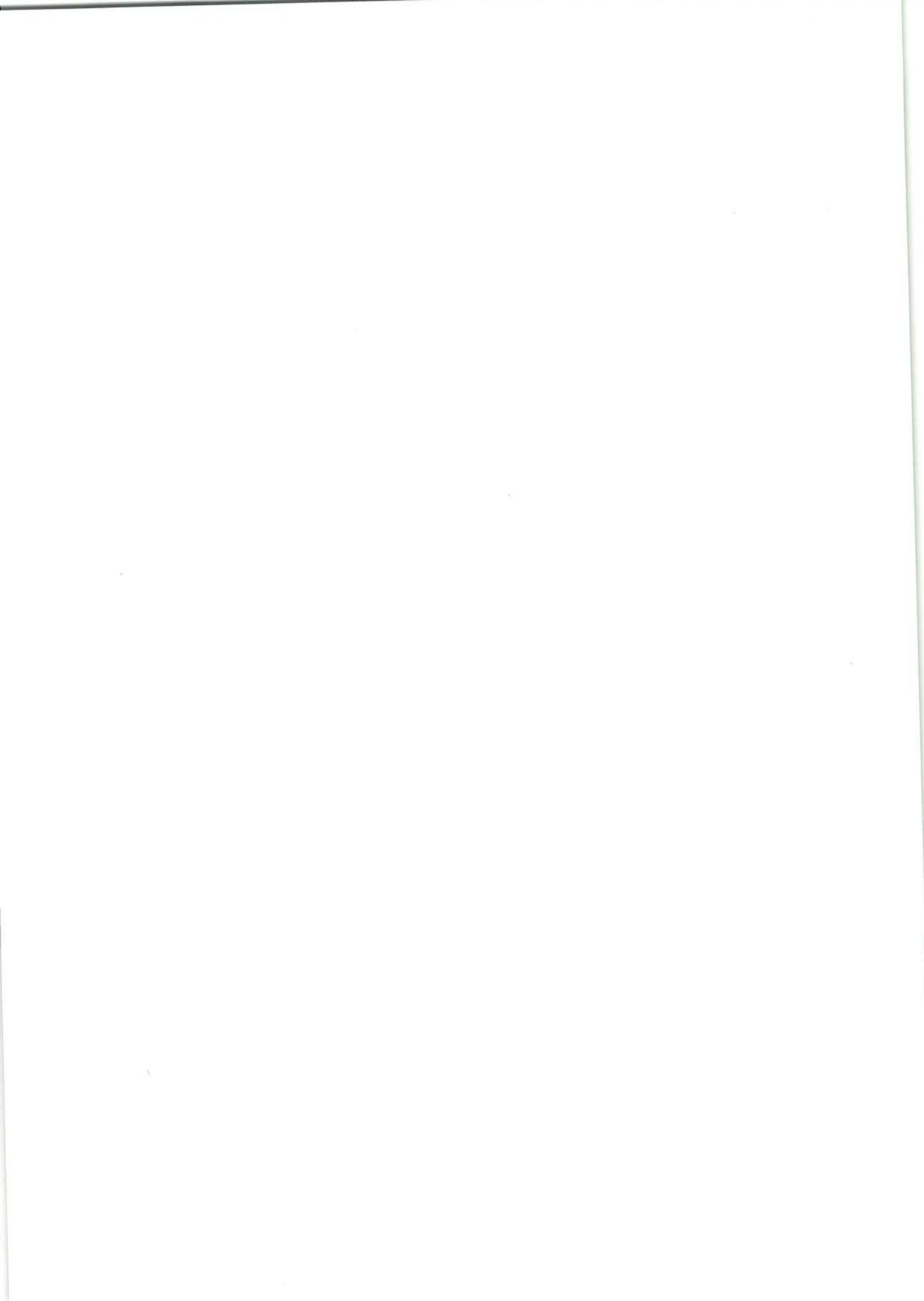


ПРИЛОЖЕНИЕ

Към Протокол No 10/21.04.2014 г. на ИЦ „Лаборекс”

Анализираните показатели се отнасят за следните продукти:

- А) Спирателни кранове тип:
- Бътерфлай :
(wafer, lug, U-type, concentric и double eccentric) - 40÷2200 mm
 - Шибърен :
(с гумиран клин, на фланци и на резба) 20÷800mm
 - Възвратни:
(с топка, с диск, междуфланцова , фланцова) - 15÷800 mm
 - Въздушник - 40÷500 mm
- Б) Филтри (Y тип)- 50÷600 mm
- В) Свързващи части:
- жиба
 - демонтажни връзки ;
 - фланшови адаптори;
 - аварийни скоби.





This certifies that

WATO BG LTD

has had the undermentioned product(s) examined, tested and certified as being of an appropriate quality and standard as required in the Water Supply (Water Fittings) Regulations and Scottish Water Byelaws, subject to scheme requirements being met when installed.

Model Numbers

BFV-DFDE-D BUTTERFLY VALVES

The certificate by itself is not evidence of a valid WRAS Approval. Confirmation of the current status of an approval must be obtained from the WRAS Approvals Directory (www.wras.co.uk/directory)

The product so mentioned will be valid until the end of:

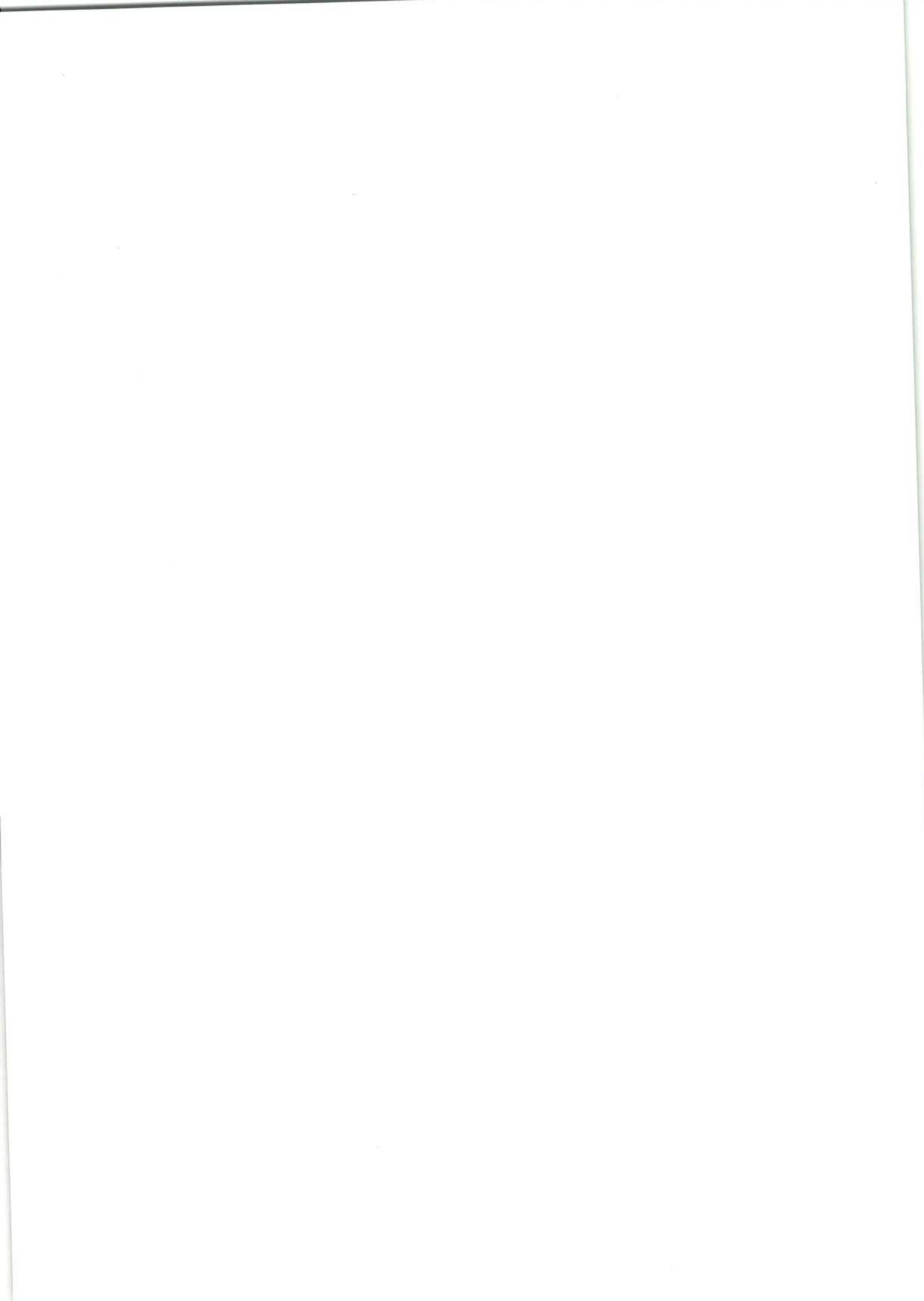
January 2025

Certificate No.

2001143

A handwritten signature in black ink, appearing to read 'Ian Hughes', written in a cursive style.

Ian Hughes,
WRAS Approvals Manager





18th February 2021

WATO BG LTD
SOUTH INDUSTRIAL ZONE
PO BOX 24
6100 KAZANLAK
BULGARIA

Water Regulations Advisory Scheme Ltd.
Unit 13, Willow Road,
Pen y Fan Industrial Estate,
Crumlin,
Gwent,
NP11 4EG

Approval Number 2001143

Dear Sir/Madam

Production samples of the products described in the **Approval Information** section below ("Products"), have been subjected to the relevant mechanical and water quality tests as defined in Regulation 4 (2) and Schedule 2 to demonstrate a product is of an **appropriate quality or standard** for the purposes of a WRAS Approval application.

1. After considering the test reports and examining the Product/s, The Water Regulations Advisory Scheme Ltd. ("WRAS Ltd" / "WRAS") finds that:
The product is of an appropriate quality and standard as defined in The Water Supply (Water Fittings) Regulations 1999, The Water Supply (Water Fittings) (Scotland) Byelaws 2014, The Water Supply (Water Fittings) Regulations (Northern Ireland) 2009 and all other applicable WRAS requirements,
The non-metallic materials of construction, in contact with the water, are suitable for contact with wholesome water intended for domestic purposes having met the requirements of BS 6920-1: 2014 'Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water'.
2. WRAS Approvals are granted subject to, and in accordance with, the Standard Terms and Conditions of WRAS Approvals Schemes (WRAS.Cust-401) as amended from time to time ("Standard Terms of Approval").
You have confirmed your acceptance of the Standard Terms of Approval by submitting your application for WRAS Approval. A copy of the current Standard Terms of Approval are available from the WRAS website: www.wras.co.uk.
Terms defined in the Standard Terms of Approval shall have the same meaning in this letter unless the context otherwise requires.
3. Installation Requirements & Notes (IRNs) are set out in Appendix A. A Product only qualifies for Approval if WRAS is satisfied that the relevant Product complies with Regulation 4(1)(a) and the requirements of the Scheme when installed in accordance with the manufacturer's instructions and any applicable Approval Scheme Installation Requirements and Notes.
Since the incorrect installation of Products will not be within the scope of an approval and may result in contravention of the Regulations or Byelaws requirements, **the attention of your customers should be drawn to any IRNs applied.**
4. Please note that the use of the Products described in any particular area of supply is at the discretion of the Water Company (water undertaker) in that area.
5. Approval Holders may quote in their sales literature that their product is WRAS approved. A WRAS product approval demonstrates that a water fitting is of a suitable quality and standard, provided that it meets the requirements of the Scheme when installed in accordance with the manufacturer's instructions and any applicable Approval Scheme Installation Requirements and Notes
6. The "WRAS Approved Product" logos are certification marks registered under the Trade Marks Act 1994 ("Certification Marks"). Approval Holders may use the Certification Marks in accordance with the Standard Terms of Approval.
7. Please verify the details of your Product as set out in the approval information and advise us of any discrepancies by no later than .

Yours Faithfully

Ian Hughes
WRAS Approvals Manager

APPROVAL INFORMATION

Validity dates: This is re-approval of 2001082 which is valid for fittings (as listed below in model) manufactured AND installed between January 2020 & January 2025

Approval 2001143 is valid for fittings (as listed below in model) manufactured AND installed between January 2020 & January 2025

Section Number: **2020**

Section title: **VALVES BUTTERFLY.**

Installation requirement notes: **R001**
(IRN's are set out in Appendix A)

Product description: Range of butterfly valves with ductile iron bodies and discs (blue epoxy coated), Stainless Steel retaining ring, Bronze bushes and EPDM sealing ring. Hand wheel operated. Maximum working pressure 16.0 bar. Maximum operating temperature 90°C.

Size: DN100 - DN1800 flanged connections

Identification Marking: PN and DN cast into body. WATO, MODEL, DN & PN ON ADHESIVE LABEL ON BODY

Factor: WATO BG LTD

Model: BFV-DFDE-D BUTTERFLY VALVES

APPENDIX A

INSTALLATION REQUIREMENTS & NOTES

You are advised to draw customers' attention to the installation requirements and notes set out below which must be followed to ensure that the fittings described above are installed in accordance with the requirements of the Regulations and Byelaws:

IRN R001

See text of entry for Installation Requirements or Notes.

APPENDIX B - Standard Terms of Approval

1. WRAS Approvals Schemes

- 1.1. The WRAS Approval Schemes ("the Schemes") and the WRAS Products and Materials Directory are owned and operated by the Water Regulations Advisory Scheme Ltd ("WRASLtd" or "WRAS").
- 1.2. To be eligible for WRAS approval products or materials must be capable of lawfully installed or used in the UK.
- 1.3. The WRAS Approvals Scheme Requirements & Code of Practice (WRAS.Cust-402) sets out what an Approval is.
- 1.4. WRAS is not responsible for enforcement of the Regulations, nor does it have any statutory powers. A WRAS Approval does not guarantee a water fitting will be accepted by Water Companies or that enforcement actions will not be taken. Site specific circumstances will be relevant such as aspects of the plumbing system design in which the fitting is installed, as well as water company terms and condition of consent.
- 1.5. Installation Requirement Notes (IRNs) applied to an Approval are designed to help installers, but do not guarantee all site-specific requirements are covered.
- 1.6. These Standard Terms and Conditions of Approval (T&Cs) and the Scheme Requirements form the agreement between WRAS and the Applicant / Approval Holder in respect of applications and Approvals.
- 1.7. The definitions in document WRAS.Gen-601: "WRAS Approvals Terms & Definitions" shall apply throughout.
- 1.8. In the event of any conflict between these T&Cs and any of the documents referred to in them, the T&Cs shall take precedence.

2. Obligations of the Applicant & Approval Holder

- 2.1. It is the responsibility of Applicants to ensure that they are familiar with, accept and comply at all times with the requirements of the Scheme as detailed in these Standard Terms and Conditions, the Code of Practice (WRAS.Cust-402) and the WRAS Scheme guidance. This includes, but is not limited to, the following documents:
 - i WRAS Approval Scheme Brand Guidelines
 - ii WRAS Approvals Guides
 - iii Test Code Sheet Matrix.
 - iv Guidance for non-metallic materials in fittings
 - v Sampling Matrix
 - vi Installation Requirement Notes (IRNs).

These are available for download from the WRAS website www.wras.co.uk.

- 2.8. The Applicant guarantees the accuracy and completeness of all information contained in the Application and any other information now or subsequently provided by the Applicant or its Agents to WRAS and/or the Recognised Test Laboratory in pursuance of the application and confirms that none of this information is or may be construed as misleading in any way. WRAS accepts no liability for any losses or any other damage arising from incomplete or incorrect information provided by the Applicant.
- 2.9. The Applicant must implement suitable quality assurance methods / Factory Production Control (fpc), in order to ensure that the characteristics verified during certification remain of the same quality throughout the period of approval. This may be ensured through direct self-monitoring, as well as through measures under a quality management system in accordance with ISO 9001/ CE Mark. Assurance records and details of any investigations into complaints relating to Approved Products shall be presented to WRAS on request. The records shall be retained by the Applicant for ten years.
- 2.10. Approvals granted shall be subject to surveillance by WRAS, either as part of routine or investigative auditing activity. The Approval Holder shall co-operate fully with WRAS for this purpose, including accommodating inspection observers if necessary. The Approval Holder shall reimburse WRAS for all reasonable costs incurred in connection with surveillance & audit activities.
- 2.11. WRAS reserves the right to undertake unannounced audits of Approval Holders' facilities as part of investigations.
- 2.12. In order to maintain an Approval, the self-declaration of continued compliance must be completed annually by the Approval Holder in accordance with the Scheme Requirements. If these requirements are not met sanctions will be applied to the Approval.

3. Pre-Application Advice

- 3.1. Applicants may seek pre-application advice before submitting an application for WRAS Approvals
- 3.2. WRAS Product Approval will only be granted to production samples. Prototype or pre-production samples may be submitted for pre-application advice however additional testing may be required when subsequently submitted for full approval as a production sample.
- 3.3. Any pre-application advice is provided on the basis of the preliminary information provided. This advice should not be taken as guaranteeing that a product will be granted a WRAS approval nor that no enforcement action will be taken in respect of it by water companies. WRAS Approvals will carry out a full assessment of the product when an approval application is submitted.
- 3.4. No reliance should be placed on any pre-application advice for the purposes of designing or producing any product. WRAS accepts no liability for loss of goodwill, business, revenue or profits, anticipated savings or wasted expenditure (whether reasonably foreseeable or not) or indirect or consequential loss arising from or in connection with such advice.

4. Applications

- 4.1. All applications for WRAS Approval must be submitted using the appropriate official WRAS Application form.
- 4.2. Applications for WRAS Material Approval for non-metallic materials must be supported by test certificates to BS 6920, instructions and data safety sheets where required.
- 4.3. All applications for a WRAS Product Approval must be supported by schematic diagrams, technical drawings, photographs of product and markings, and installation manuals where appropriate. These must illustrate the arrangement of the product, clearly showing the water supply connections, discharge points (including overflows and waste discharges) and the water pathway through the product.
- 4.4. Product Approval applicants must provide a schedule of materials. All component parts of a product (including solder, thread sealant tape, lubricant and grease) which come into contact with wholesome water must be listed.
- 4.5. The Application Form must include details of any Agents appointed by the Applicant detailing the scope of the Agent's authority. The Applicant takes responsibility for all acts of their Agent in connection with the Application / Approval and indemnifies WRAS for any losses incurred as a result of any breach of these T&Cs by the Applicant or its Agent(s).
- 4.6. Applications are valid for a period of 12 months from the date of which they are verified by the applicant, after which time confirmation will be required that the information provided is up-to-date.
- 4.7. WRAS reserves the right to reject an application if it has reasonable grounds to believe the terms and conditions and other scheme requirements will not be met.

5. Application Fees

- 5.1. WRAS charges an administration fee ("WRAS Fee") for processing an Application. Details of the WRAS Fee are available from WRAS website and can be confirmed on request. Where applicants are using a Recognised Test Laboratory to project manage their application, WRAS will collect this fee from the Recognised Test Laboratory. In such cases, this fee is usually included in the charges made by the Recognised Test Laboratory to the Applicant, but it is the Applicant's responsibility to confirm this and to ensure that the WRAS Fee is discharged in full.
- 5.2. The Applicant will commit to pay WRAS fees within 30 days of the invoice. This includes surveillance fees and any third-party payments e.g. bank charges and additional courier charges. WRAS shall apply an additional administration fee for processing third party payments. Approval may be suspended if payment is not received on time. New applications will not be processed until overdue debts are paid.
- 5.3. The Applicant accepts responsibility for any import duties for samples supplied.

6. Termination

- 6.1. Either party may close an application at any time upon giving the other party written notice.
- 6.2. In the event that an applicant withdraws an application they shall pay to WRAS all sums due or committed up to the date of withdrawal.
- 6.3. Termination of this agreement shall not affect the rights and liabilities of either party accrued prior to termination.

7. Intellectual Property and Ownership of documents

- 7.1. All intellectual property owned by either party or any third independent party shall remain exclusively the property of the owner.
- 7.2. The Applicant grants to WRAS a perpetual, world-wide, non-exclusive, royalty-free licence to use any materials supplied by or on behalf of the Applicant for the purpose of administering the Scheme and exercising WRAS's rights and performing WRAS's obligations under this agreement. This licence includes the right to copy and modify the licenced materials, and to grant sub licences.
- 7.3. Subject to any confidential information or other intellectual property belonging to the Applicant, all application forms are the property of WRAS.

8. Confidentiality

- 8.1. Subject to the remaining terms of this clause 8, both WRAS and the Applicant undertake not to divulge to any third party, any information which was designated as confidential by the other party at the time it was made available ("Confidential Information"), without prior written consent of that other party.
- 8.2. WRAS may make information relating to granted and expired Approvals available to the Water Companies. This includes information which is, or was, published in the public directory and photographs that could help to identify a product. This includes the dates any modifications, suspensions or withdrawals were implemented.
- 8.3. WRAS may publish in the Directory any information that these T&Cs, the Scheme Requirements, or any of the other Scheme documents state will be published in the Directory. Any information that is published in the Directory shall be treated as being in the public domain even after the expiry, suspension or withdrawal of an Approval.
- 8.4. It is acknowledged and agreed that WRAS shall be entitled to retain all information provided by an Applicant for the entire duration of the Approval Period (including any renewal period granted by WRAS) and for up to seven years following the expiry of any granted Approvals. This includes, but is not limited to, test results and analyses of Confidential Information, provided that the Confidential Information is kept secure at all times.
- 8.5. Nothing in this agreement shall prevent a party from disclosing or otherwise using information if (i) the information is in, or enters, the public domain other than as a result of a breach of this agreement, (ii) the information was known to that party prior to receiving it from the other party, (iii) the information is received from a third party not subject to a duty of confidentiality, or (iv) such disclosure or use of the information is required by any rule of law or the order or direction of a court or regulatory body of competent jurisdiction, or (v) such disclosure is permitted by any other term of this agreement.

9. Performance Testing

- 9.1. WRAS will only accept Applications which include test reports from a Recognised Test Laboratory which cover in full, the Scheme's acceptance criteria.
- 9.2. Products must be tested in accordance with the requirements identified in the Test Code Sheet (TCS) matrix published on the WRAS website, against appropriate standards or in accordance with relevant harmonised standards and additional scheme requirements as notified by WRAS.
- 9.3. Where a product is an assembly of components, all individual constituent components must satisfy the requirements applicable to that component and unless already WRAS Approved will require testing.
- 9.4. In the case of non-standard products clarification of the testing required should be sought from WRAS in advance.
- 9.5. The scope of an Approval is restricted to those conditions applied during testing. Applications should include all scenarios and variations the applicant wishes to be covered in the Approval.
- 9.6. Mechanical testing of products must have been completed no more than two years before the report is presented for Approval.
- 9.7. WRAS shall exercise reasonable skill and care in applying its policies for the recognition of test laboratories, as set out in the Requirements Documents. WRAS shall require every Recognised Test Laboratory to enter into a contract with WRAS requiring the laboratory to comply with the Requirements Documents.

10. Test Samples

- 10.1. A sample on which a WRAS Approval is to be based should have been manufactured no more than 12 months before the date of its receipt by the Recognised Test Laboratory.

11. Markings

- 11.1. It is a condition of WRAS Product Approval that all products be adequately and consistently marked to facilitate identification.

12. Testing Failure

- 12.1. Should a product undergoing mechanical performance testing fail to satisfy the requirements of an individual test then a record of the failure will be reported to WRAS by the Recognised Test Laboratory. Complete retesting of a new sample will be required unless WRAS accepts that replacement of the failed component or product would not affect the performance of the other tests already carried out on the sample that failed.
- 12.2. Should a replacement sample subsequently fail the same test then it is deemed to be an outright failure and will be reported as such to WRAS by the Recognised Test Laboratory. If the replacement fails a different test it is considered to be a first failure and treated as a failure during testing.

13. Modified replacement samples

- 13.1. If a product fails to satisfy the requirements of an individual test and is then modified, the Applicant must provide a declaration detailing the nature and full extent of all modifications. In such cases the status of any earlier testing should be clarified with WRAS.
- 13.2. Where a modified product is re-tested it is only deemed to be an outright failure if two failures are recorded for the same test.

14. Failure of samples representing a product range

- 14.1. Failure of one sample from amongst a number of samples representing a product range will be treated as a first failure of that particular model/size. In this circumstance the same variant should be retested. An outright failure would only occur if the replacement example failed the same test.

15. Failure of early audits

- 15.1. The failure of a product submitted for early audit will at the discretion of WRAS render the current Approval null and void and will result in the Approval being removed from the Directory.

16. Certificates

- 16.1. WRAS will normally issue a certificate within two weeks of a product gaining Approval.
- 16.2. Approval Holders must not use old versions of any WRAS certificate or modify any WRAS certificate. Any certificate provided by an Approval Holder to a third party must be current and in the full and complete form as issued by WRAS, including any IRNs and conditions attached.
- 16.3. A certificate issued by WRAS shall remain the property of WRAS at all times.

17. Directory entries

- 17.1. Duplicate Directory entries for Products are not permitted.
- 17.2. All recently approved WRAS listings will normally be added to the Directory within two weeks of them gaining Approval.
- 17.3. All expired Approvals will be removed from the Directory following their expiry dates.

18. Alterations and additions to an existing approval

- 18.1. All requests for alterations or addition to a current Approval should be made directly to WRAS.
- 18.2. There are no restrictions on the number of revisions that can be made to an Approval during its lifetime provided that the conditions of the Scheme are complied with.
- 18.3. An application fee for alterations and additions to existing approvals will be applied regardless of outcome.
- 18.4. Additions to an existing Approval without the need for additional testing of the Product will only be permitted if the Scheme's sampling acceptance criteria are satisfied.

19. Secondary Approvals

- 19.1. Applicants for Secondary Approvals do not need to be the Primary Approval holder. In all circumstances the Applicant must obtain the written consent of the Primary Approval holder before submitting an application for a Secondary Approval.
- 19.2. Any changes made to a Primary Approval (including the withdrawal of that Approval) shall automatically apply to any Secondary Approval based on that Primary Approval. WRAS shall notify the Secondary Approval holder of the change, but shall not be obliged to disclose the reasons for the change.

20. Registered Certification Marks

- 20.1. The "WRAS Approved Product" and "WRAS Approved Material" logos are certification marks registered under the Trade Marks Acts 1994 ("Certification Marks"). Approval Holders shall be entitled to use the Certification Marks upon the licence terms set out in this clause 20 ("Licence Terms"). The Brand Guidelines can be found on the WRAS Website.
- 20.2. The Approval Holder acknowledges that WRAS is the owner of the Certification Marks and the Approval Holder shall not do anything which may be taken to indicate the Approval Holder has any right or interest in the Certification Marks other than as set out in these T&Cs.
- 20.3. Prior to an Approval being granted Applicants shall not use the Certification Marks or the WRAS name or logo in any publication or suggest or imply any endorsement of a particular product or range of products by the Scheme either verbally, in writing or by any other means.
- 20.4. Approval Holders may use the Certification Marks only in respect of those Approved Products listed in the Approval Letter and only for the duration of the Approval Period applicable to those Approved Products. Where Approval has lapsed or is withdrawn, the Approval Holder must immediately stop using the Certification Marks in relation to the relevant Product.
- 20.5. Subject to the rest of these Licence Terms, Approval Holder may use the Certification Marks on the packaging, promotional literature and point of sale advertising for the relevant Approved Products.
- 20.6. If the Approval Holder's right to use the Certification Marks in relation to a Product ends then the Approval Holder must remove the Certification Mark from or destroy the packaging, promotional literature, point of sale advertising and any other materials relating to that Product. The Approval Holder shall ensure that its Factors also comply with this clause 20.6.
- 20.7. Where a Certification Mark is used, it must be replicated without adaptation or alteration, save that reproducing the logo in black and white as opposed to colour is permissible.
- 20.8. The Certification Marks may only be used in connection with a product range where each individual product and/or material and/or component within that product range has been granted individual WRAS Approval.
- 20.9. The Approval Holder shall inform its Factors and agents that any Modification or other alteration to the Approved Product may invalidate the Approval and shall inform WRAS of any Modification or other alteration as soon as this comes to the Approval Holder's attention.
- 20.10. The Approval Holder shall not sub-licence, assign, transfer or otherwise deal with the Certification Marks other than on these Licence Terms.
- 20.11. The Approval Holder shall adhere to the terms of all brand guidelines issued by WRAS from time to time. Failure to comply with all brand guidelines will immediately invalidate a previously granted Approval.
- 20.12. The Approval Holder at all times remains responsible for the correct use of the Certification Marks by its Factors.

21. Complaint Management

- 21.1. The Approval Holder shall be required to keep a record of all the complaints made known to it in respect of an Approved Product during the validity of the Approval, and retain such record for ten years from the end of that period. The Approval Holder shall provide WRAS with a copy of the record referred to in clause 21.1 upon WRAS's request at any time during the period the Approval Holder is required to keep and retain that record.

22. WRAS Approval Schemes Sanctions

- 22.1. WRAS reserves the right to suspend, amend or withdraw an Approval or to amend or remove details of it from the WRAS Product and Materials Directory in the following circumstances:
- i where there has been a breach by the Applicant / Approval Holder of any of its obligations detailed in the Scheme Requirements or any other provision of these T&Cs;
 - ii where WRAS considers this necessary as result of a change in any relevant law, regulation, specification, standard or any other requirement which affects the issue of WRAS Approvals.
 - iii where WRAS is no-longer satisfied that the relevant Product or material complies with Regulation 4(1)(a), Schedule 2 paragraph 2 of the Regulations or the Scheme Requirements.
- 22.5. WRAS reserves the right to notify the Water Companies of suspensions, amendments and withdrawals.
- 22.6. At its sole discretion, WRAS may publish details of the withdrawal, amendment or suspension of an Approval.

23. Limitation of Liability

- 23.1. Nothing in this agreement shall limit or exclude WRAS's liability for:
- i death or personal injury caused by its negligence, or the negligence of its employees, agents or subcontractors;
 - ii fraud or fraudulent misrepresentation; or
 - iii any other liability that cannot be so limited or excluded under law.

- 23.5. WRAS shall not be liable to the Applicant or Approval Holder, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, for any:

- i loss of profits or revenue;
- ii loss of sales or business;
- iii loss of opportunity or contracts;
- iv loss of or damage to goodwill or reputation; or
- v indirect or consequential loss;

(in each case) arising under or in connection with this agreement or any Application, suspension, amendments or withdrawal of Approval.

- 23.11. WRAS shall have no liability whether in contract, tort (including negligence), breach of statutory duty, or otherwise arising out of or in connection with the acts or omissions of any Recognised Test Laboratory, except to the extent that such liability arises from WRAS's failure to perform its obligations under clause 9.7 in relation to that laboratory.

- 23.12. WRAS shall not be liable for any delays in processing Applications which are beyond its control, including those which are attributable to test laboratories or arise from an applicant's failure to respond to WRAS's queries, provide requested information or failure to satisfy the Scheme's acceptance criteria.

- 23.13. WRAS's total liability to the Applicant / Approval Holder whether in contract, tort (including negligence), breach of statutory duty, or otherwise arising under or in connection with this Agreement or any Application, suspension, amendments or withdrawal of Approval shall not exceed £1,000,000.

- 23.14. The limit of liability set out in clause 23.5 is based on the limits of the relevant insurance policies that WRAS has obtained. The Applicant / Approval Holder acknowledges that this is a commercially reasonable limit. WRAS may agree a higher limit, subject to being able to obtain appropriate insurance cover up to that higher limit and subject to the Applicant / Approval Holder agreeing to pay any additional costs that WRAS incurs in obtaining that insurance. Any such agreement concerning a higher limit of liability shall be effective only if made in writing signed by WRAS and the Applicant / Approval Holder.

- 23.15. WRAS shall exercise reasonable skill and care in performing its obligations under the agreement. Except as set out in these T&Cs, all warranties, conditions and other terms implied by statute or common law are, to the fullest extent permitted by law, excluded.

24. Complaints

- 24.1. WRAS has a complaints process for the resolution of disputes regarding decisions that WRAS makes on the following matters:
- i Refusal to grant an Approval,
 - ii Suspension or withdrawal of an Approval
 - iii Conditions attached to an Approval,
 - iv Other aspects of the WRAS Approval Scheme,
- 24.6. If the Applicant / Approval Holder disputes a decision that is subject to the complaints process the Applicant / Approval holder agrees to refer the dispute to the complaints process. The Applicant / Approval holder shall not seek any other remedy (including commencing any court proceedings) until the Applicant / Approval holder has exhausted the complaints process.
- 24.7. To refer a dispute to the complaints, process the Applicant / Approval Holder shall notify the WRAS Approvals Manager in writing setting out why the Applicant / Approval Holder disputes the relevant decision.
- 24.8. Where a dispute is referred to the complaints process WRAS and the Applicant / Approval Holder shall comply with the following process:

Stage 1: The WRAS Approvals Manager will review the complaint and take such action as he or she considers appropriate to resolve the complaint.

Stage 2: Where the Applicant / Approval Holder is not satisfied with the outcome of Stage 1, the Applicants/Approval Holders shall write to the Managing Director of WRAS setting out details of the complaint and why the Applicant / Approval Holder is not satisfied with the outcome of Stage 1. The Managing Director shall review the complaint and take such action as he or she considers appropriate to resolve it.

Stage 3: If an Applicant/Approval Holder is dissatisfied with the way a complaint has been dealt with by the Managing Director, the Applicant/Approval Holder shall request a review by the WRAS Chairman. The Chairman may appoint a panel with relevant experience to investigate the complaint and make a recommendation. The WRAS Chairman shall take such action as he or she considers appropriate to resolve the complaint.

Each stage of the complaints process shall be complete when the WRAS decision-maker responsible for that stage provides a written notice to the Applicant / Approval Holder setting out the action he or she considers appropriate to resolve the complaint and confirming that stage of the complaints process has been completed.

25. Impartiality

- 25.1. WRAS shall ensure that it and its staff comply with its Impartiality Policy (WRAS.Admin-103) in relation to each Application and Approval.

26. Revisions to the Scheme documents

- 26.1. WRAS may amend these T&Cs and the Scheme Requirements from time to time. Such amendments shall take effect between WRAS and the Approval Holder when the Approval Holder completes the annual Approval self-declaration process referred to in the Scheme Requirements, except where clause 26.2 applies.
- 26.2. If WRAS amends these T&Cs or the Scheme Requirements in order to reflect changes in applicable law or regulation or ISO/EN 17065 then such amendment shall take effect on the date that WRAS gives the Applicant / Approval Holder written notice or publishes the amended document at www.wras.co.uk (whichever is sooner).

27. General

- 27.1. Any decision, requirement or notification under these T&Cs shall be given by in writing (which shall include email) by or on behalf of the party giving it.
- 27.2. WRAS will not be liable or responsible for any failure to perform, or delay in performance of any of its obligations to Applicants or Approval Holders that is caused by an Event Outside Our Control.
- 27.3. These T&Cs and any disputes or claims arising out of or in connection with them or their subject matter (including non-contractual disputes or claims) shall be governed by, and construed in accordance with the laws of England and Wales and the parties irrevocably submit to the exclusive jurisdiction of the courts of England and Wales.

28. Severance

- 28.1. If any provision or part-provision of this agreement is or becomes invalid, illegal or unenforceable, it shall be deemed deleted, but that shall not affect the validity and enforceability of the rest of the agreement.
- 28.2. If any provision or part-provision of this agreement is deemed deleted under clause 28.1 the parties shall negotiate in good faith to agree a replacement provision that, to the greatest extent possible, achieves the intended commercial result of the original provision.

29. Entire Agreement

- 29.1. This agreement constitutes the entire agreement between WRAS and the Applicant / Approval Holder and supersedes and extinguishes all previous agreements, promises, assurances, warranties, representations and understandings between them, whether written or oral, relating to its subject matter.
- 29.2. The Applicant / Approval Holder agrees that it shall have no remedies in respect of any statement, representation, assurance or warranty (whether made innocently or negligently) that is not set out in this agreement. The Applicant / Approval Holder agrees that it shall have no claim for innocent or negligent misrepresentation or negligent misstatement based on any statement in this agreement.

30. Waiver

- 30.1. No failure or delay by a party to exercise any right or remedy provided under this agreement or by law shall constitute a waiver of that or any other right or remedy, nor shall it prevent or restrict the further exercise of that or any other right or remedy. No single or partial exercise of such right or remedy shall prevent or restrict the further exercise of that or any other right or remedy.