S.C. "VALDCONGRUP" S.R.L.
C/f: 1009600000374
Email: valdcongrup@gmail.com
Tel: 0 22 428393; 0 78 664664
Fax: 0 22 428062
Adresa: str. Uzinelor 171/2, Chișinău, Republica Moldova

Digitally signed by Țurcan Denis
Date: 2020.10.05 16:07:01 EEST
Reason: MoldSign Signature
Location: Moldova

CERTIFICATE DE CALITATE

A PRINCIPALELOR MATERIALE UTILIZATE

Lucrari :Constructia retelei de apeduct in s.Bilicenii vechi,r.Singerei cu conectarea la sursele de apa din riul Nistru prin brasament la apeductul magistral Balti-Singerei-etapa-III.

Autoritatea contractantă: Primăria s.Bilicenii Vechi

Operator Economic: VALDCONGRUP S.R.L.

SOCIETATEA CU RĂSPUNDERE LIMITATĂ REPUBLICA MOLDOVA
S.R.L.
"VALDCONGRUP"
IDNO 1009600000374

ORGANISMUL DE CERTIFICARE „CVALIMETRITOT" SRL

CERTIFICAT DE CONFORMITATE

029

Nr. de înregistrare **001281**

Data emiterii: 05 septembrie 2018 Valabil pînă la: 31 decembrie 2020

ORGANISMUL DE CERTIFICARE Nr. OCpr-029

SRL "CVALIMETRITOT", MD-2044, mun. Chişinău, str. Meşterul Manole, 18, tel.42-10-78
email: cvalimetritot@mail.ru, www.cvalimetritot.md

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

Codul NC MD
2715

Amestec de beton asfaltic fierbinte cu granulaţie fină, tip "B" marca MII, pentru beton asfaltic dens ŞMBg -II/2,3
fabricat conform SM STB 1033:2008
Produs fabricat în serie

SÎNT CONFORME CU CERINŢELE OBLIGATORII STABILITE ÎN :
Reglementarea tehnică cu privire la cerinţele minime pentru comercializarea produselor pentru construcţii, aprobată prin Hotărîrea Guvernului Nr.913 din 25.07.2016;
SM STB 1033:2008 pct.5.2 tab.5.1 (1, 2, 3, 4, 5, 6, 7, 11), 5.4, 5.6, 5.9; RNI nr.06.5.3.35 -2001 p.2.2

PRODUCĂTOR
S.C. "IRINDA PRIM" S.R.L. MD 2028, mun. Chişinău, str. Gheorghe Tudor, 5
Baza de producere- FBA, or. Cimişlia, str. Nicolae Iorga, 110

Codul ţării
MD

SOLICITANT
Producătorul

Codul IDNO
1006600048096

CERTIFICATUL ESTE ELIBERAT ÎN BAZA
Rapoartelor de încercări: Nr.165 din 20 august 2018, eliberat de Laboratorul de Încercări şi Cercetări a Materialelor pentru Drumuri şi Construcţii "CMAC" ÎS, mun. Chişinău, şos. Muncesti, 162/A, certificat de acreditare Nr.LÎ-051 valabil pînă la 19.06.2022; **Nr.4864-C** din 14 august 2018, eliberat de LÎPA "CMAC" ÎS, MD-2064, mun. Chişinău, str. E.Coca 28, certificat de acreditare Nr.LÎ-086 valabil pînă la 03.09.2020.
Raportului asupra evaluării conformităţii produsului Nr.55 din 04 septembrie 2018, eliberat de OC "CVALIMETRITOT" SRL

INFORMAŢIE SUPLIMENTARĂ:
Supravegherea produselor certificate va fi efectuată de O.C. "CVALIMETRITOT" S.R.L. una dată pe an.
Sistemul de certificare 2+

Titularul prezentului certificat este obligat să aplice marca naţională de conformitate SM pe produsele specificate în prezentul certificat

Conducătorul organismului de certificare Şef Cher

În atenţia antreprenorilor şi organelor de control!
Copiile certificatelor de conformitate se legalizează cu ştampila OC „CVALIMETRITOT" SRL

ORGANISMUL DE CERTIFICARE „CVALIMETRITOT" SRL

CERTIFICAT DE CONFORMITATE

029

Nr. de înregistrare **001283**

Data emiterii: 05 septembrie 2018 Valabil pînă la: 31 decembrie 2020

ORGANISMUL DE CERTIFICARE **Nr. OCpr-029**

SRL "CVALIMETRITOT", MD-2044, mun. Chişinău, str. Meşterul Manole, 18, tel.42-10-78
email: cvalimetritot@mail.ru, www.cvalimetritot.md

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

Amestec de beton asfaltic fierbinte cu granulaţie mare marca MI, pentru beton asfaltic poros ŜKPg -I
fabricat conform SM STB 1033:2008
Produs fabricat în serie

Codul NC MD
2715

SÎNT CONFORME CU CERINŢELE OBLIGATORII STABILITE ÎN :
Reglementarea tehnică cu privire la cerinţele minime pentru comercializarea produselor pentru construcţii, aprobată prin Hotărîrea Guvernului Nr.913 din 25.07.2016;
SM STB 1033:2008 pct. tab.5.3 (1, 2, 3, 4), 5.4, 5.6, 5.9; RNI nr.06.5.3.35 -2001 p.2.2

PRODUCĂTOR
S.C. "IRINDA PRIM" S.R.L. MD 2028, mun. Chişinău, str. Gheorghe Tudor, 5
Baza de producere- FBA, or. Cimişlia, str. Nicolae Iorga, 110

Codul ţării
MD

SOLICITANT
Producătorul

Codul IDNO
1006600048096

CERTIFICATUL ESTE ELIBERAT ÎN BAZA
Rapoartelor de încercări:Nr.166 din 20 august 2018, eliberat de Laboratorul de Încercări şi Cercetări a Materialelor pentru Drumuri şi Construcţii "CMAC" ÎS, mun. Chişinău, şos. Muncesti, 162/A, certificat de acreditare Nr.LÎ-051 valabil pînă la 19.06.2022; **Nr.4864-C** din 14 august 2018, eliberat de LÎPA "CMAC" ÎS, MD-2064, mun. Chişinău, str. E.Coca 28, certificat de acreditare Nr.LÎ-086 valabil pînă la 03.09.2020.
Raportului asupra evaluării conformităţii produsului Nr.55 din 04 septembrie 2018, eliberat de OC "CVALIMETRITOT" SRL

INFORMAŢIE SUPLIMENTARĂ:
Supravegherea produselor certificate va fi efectuată de O.C. "CVALIMETRITOT" S.R.L. una dată pe an.
Sistemul de certificare 2+

Titularul prezentului certificat este obligat să aplice marca naţională de conformitate SM pe produsele specificate în prezentul certificat

Conducătorul organismului de certificare

Serghei [illegible]ZLIU

Nr. 001283 S.R.L. „CVALIMETRITOT" 1003600018829

S.R.L. "VALDCONGRUP" IDNO 1009600000037

În atenţia antreprenorilor şi organelor de control!
Copiile certificatelor de conformitate se legalizează cu ştampila OC „CVALIMETRITOT" SRL

JUST
OC "CertMatCon"

ORGANISMUL DE CERTIFICARE „CERTMATCON"

MOLDAC
REPUBLICA MOLDOVA
SM SR EN ISO/CEI 17065
OCpr-049

CERTIFICAT DE CONFORMITATE

Nr. de înregistrare OCpr - 049 11 A009132-19

Data emiterii: 29 martie 2019 Valabil pînă la: 31 decembrie 2020

ORGANISMUL DE CERTIFICARE OCpr - 049

CERTMATCON mun. Chișinău, str. Uzinelor, 4/2, etaj 4, of. 4, MD2023, tel. 022-903-001; cell. 078-191-001, e-mail: office@certmatcon.md , WWW.CERTMATCON.MD.

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

Codul NCM
6810

DENUMIREA / DESCRIEREA
Elemente (inele și capace) din beton armat pentru puțuri, conducte, fabricate conform GOST 8020-90.

SÎNT CONFORME CU CERINȚELE OBLIGATORII STABILITE ÎN:
Ordin nr.381 din 31.07.2018. Cu privire la aprobarea Regulamentului privind procedura generală de evaluare a conformității produselor pentru construcții, utilizată în perioada de tranziție la standardele armonizate, conform HG nr.913 din 25.06.2016; GOST 8020-90 pct. 1.3.1, 1.3.4, 1.3.10 tab. 1; RNI 06-5.3.35:2001 pct. 2.2.

Codul țării
MD

PRODUCĂTOR
"CARACON IMOBIL" SRL,
str-la Toma Alimoș, 6, or. Durlești, mun. Chișinău, Republica Moldova.
Producere: str. Uzinelor, 90, mun. Chișinău, Republica Moldova.

Codul IDNO
1015600020715

SOLICITANT
Producătorul.

CERTIFICATUL ESTE ELIBERAT ÎN BAZA
Raport de evaluare final Nr. 0078 din 28.03.2018, eliberat de OC "CertMatCon", mun. Chișinău, str. Uzinelor, 4/2, etaj 4, of. 4, MD2023, certificat de acreditare Nr. OCpr-049 din 08.05.2018 valabil pînă la 07.05.2022, eliberat de CNA "MOLDAC"; Raport de încercări Nr.151/2 din 27.03.2019, eliberat de către Centrul de Încercări ICȘC "Incercom" ÎS, mun. Chișinău, str. Independenței, 6/1, certificat de acreditare Nr. LÎ-021 din 23.02.2018 valabil pînă la 22.02.2022, eliberat de CNA "MOLDAC"; Raport de încercări Nr. 362/6 din 12.03.2019, eliberat de către LÎ din cadrul "CertMatCon" SRL, mun. Chișinău, str. Uzinelor, 4/2, etaj 4, of. 4, MD2023, certificat de acreditare Nr. LÎ - 101 valabil pînă la 30.07.2019, eliberat de CNA "MOLDAC".

INFORMAȚIE SUPLIMENTARĂ:
Sistemul 2+. Evaluarea de supraghere se va efectua una dată la 6 (șase) luni de către OC "CertMatCon". Certificatul este valabil doar în cazul respectării procesului tehnologic stabilit de către producător și asigurării cu certificat de calitate a fiecărui lot de produse livrat. Contractul de prestări servicii Nr. 16/2019 din 16.02.2019.

Titularul prezentului certificat are dreptul să aplice marcajul de conformitate CE pe produsele specificate în prezentul certificat.

Conducătorul OC [illegible]

Seria A № 007460

SOCIETATEA CU RĂSPUNDERE LIMITATĂ "VALDCONGRUP" IDNO 1009600003?A

S.R.L. «CARACON IMOBIL» IDNO 1015600020715

Lista antreprenorilor și organelor [illegible] stabilit de OC „CERTMATCON", informații pe www.certmatcon.md

Falsificarea certificatelor se pedepsește conform legislației

producător de ţevi şi fitinguri din plastic

"Uniplast"SRL c/f 1003600128591; C/TVA 0300455
Adresa :str.Pădurii 6/2,Chisinău 2002,Moldova email - info@uniplast.md
Telefoane de contact: 022.559.864(Vinzari),022.558.139(Producere),022. 558.393(Contabilitate),Fax: 022.521.161
Rechizitele: BC "VICTORIABANK" fil.8 c/b VICBMD2X802; IBAN: MD20VI225100000100444MDL;
BC "PROCREDIT BANK" SA, CHISINAU, c/b PRCBMD22; IBAN: MD29PR002251107934001498 ;
BC "MOLDOVA AGROINDBANK" SA, CHISINAU fil8., c/b AGRNMD2X455 IBAN: MD47AG000000022512597331 ;
www.uniplast.md

CERTIFICAT DE CALITATE
QUALITY CERTIFICATE

№ 722
"04" ianuarie 2016

Prin prezenta compania „UNIPLAST"S.R.L., cu adresa legală Chişinău, str. Pădurii 6/2, Republica Moldova care activează in conformitate cu legislaţia în vigoare a Republicii Moldova, confirmă că dispozitivele de acoperire si de inchidere pentru camine de vizitare si guri de scurgere corespund cerinţelor tehnice normative SM SR EN 124:2012

Obiectele echipamentului	Descrierea	
Dispozitive de acoperire si de inchidere pentru camine de vizitare si guri de scurgere in zone carosabile si pietonale	Clasa	Forta de inspectie (t)
	A15 B125 C250 D400	1,5 t 12,5 t 25 t 40 t

Director
"UNIPLAST" S.R.L. **CECAN VASILE**

S.R.L. uniplast IDNO 1003600128591

SOCIETATEA CU RĂSPUNDERE LIMITATĂ "VALDCONGRUP" S.R.L. IDNO 1009600003?A REPUBLICA MOLDOVA

AENOR Asociación Española de Normalización y Certificación

CERTIFICADO AENOR DE PRODUCTO Nº 033 / 000104

AENOR PRODUCT CERTIFICATE Nº

Fecha de caducidad: **2016-11-16**
Expires on:

FAMILIA	MODELO	CLASE	DIMENSIONES ABERTURA (mm)	Nº PLANO (Constructivo-estructural) TAPA	Nº PLANO (Constructivo-estructural) MARCO	MATERIAL
FAMILY	MODEL	CLASS	OPENING DIMENSIONS (mm)	DRAWING NUMBER (Constructive-structural) TOP	DRAWING NUMBER (Constructive-structural) FRAME	MATERIAL
SF570	SF570	C250	498 x 236	SF570-Rn	SF570-Cn	Fundición esferoidal
TH34	TH34	C250	297 x 297	TH34-Tn	TH34-Mn	Fundición esferoidal
TH44	TH44	C250	397 x 397	TH44-Tn	TH44-Mn	Fundición esferoidal
TH54	TH54	C250	496 x 496	TH54-Tn	TH54-Mn	Fundición esferoidal
TH58IB	TH58IB	B125	470 x 343	TH58IB-Tn	TH58IB-Mn	Fundición esferoidal
TH70IBC	TH70IBC	B125	620 x 620	TH70IBC-Tn	TH70IBC-Mn	Fundición esferoidal
TH70IB	TH70IB	B125	630 x 630	TH70IB-Tn	TH70IB-Mn	Fundición esferoidal
T1158MAP	T1158MAP	B125	531 x 531	T1158MAP-Tn	T1158MAP-Mn	Fundición esferoidal
T1370XE	T1370XE	D400	676 x 576	T1370XE-Tn	T1370XE-Mn	Fundición grafito esferoidal
T2064	T2064	E600	Ø 600	T2064-Tn	T2064-Mn	Fundición esferoidal
T2065IB	T2065IB	D400	Ø 604	T2065IB-Tn	T2065IB-Mn	Fundición esferoidal
T2066	T02	D400	Ø 596	T02-Tn	T02-Mn	Fundición esferoidal
T2066	T2063	D400	Ø 596	T2063-Tn	T2063-Mn	Fundición esferoidal
T2066	T2063+	D-400	Ø 600	T2063+_Tn	T2036+_Mn	Fundición esferoidal
T2066	T2066	D400	Ø 596	T2066-Tn	T2066-Mn	Fundición esferoidal

AENOR Asociación Española de Normalización y Certificación

AENOR - Génova, 6 - 28004 MADRID - Teléfono 914 32 60 00 - Telefax 913 10 46 8

Entidad de certificación de producto acreditada por ENAC con nº 1/C-PR002.033
Product certification body accredited by ENAC, number 1/C-PR002.033

AENOR Asociación Española de Normalización y Certificación

CERTIFICADO AENOR DE PRODUCTO Nº 033 / 000104

AENOR PRODUCT CERTIFICATE Nº

La Asociación Española de Normalización y Certificación (AENOR) certifica que el producto
The Spanish Association for Standardisation and Certification (AENOR) certifies that the product

DISPOSITIVOS DE CUBRIMIENTO Y DE CIERRE PARA ZONAS DE CIRCULACIÓN UTILIZADAS POR PEATONES Y VEHÍCULOS

GULLY TOPS AND MANHOLE TOPS FOR VEHICULAR AND PEDESTRIAN AREAS

detallado en la(s) página(s) siguiente(s), detailed in the following page(s),

suministrado por supplied by

AUDACIA 2000, SL
VI AUSETANIA, 13 2ºN 2º
08560 MANLLEU (Barcelona - España)

y elaborado en and manufactured in

Nº 1 SHITANWU, BOYI ROAD, BOSHAN
255203 ZIBO, SHANDONG

es conforme con complies with

UNE-EN 124:1995 (EN 124:1994)
UNE-EN 124:2000 ERRATUM

Para conceder este Certificado, AENOR ha ensayado el producto y ha comprobado el sistema de la calidad aplicado para su elaboración. AENOR realiza estas actividades periódicamente mientras el Certificado no haya sido anulado, según se establece en el Reglamento Particular RP 33.01.

In order to grant this Certificate, AENOR has tested the product and has verified the quality system used in its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with the stipulations of the Specific Rules RP 33.01.

Fecha de concesión: **2014-05-23**
First issued on:

Fecha de caducidad: **2016-11-16**
Expires on:

AENOR Asociación Española de Normalización y Certificación

Avelino BRITO MARQUINA
Director General de AENOR
Chief Executive Officer

Este certificado anula y sustituye al certificado 033/000102, de fecha 2012-04-12.
No está autorizada la reproducción parcial de este documento.

This certificate supersedes certificate 033/000102, dated 2012-04-12.
The partial reproduction of this document is not permitted.

Entidad de certificación de producto acreditada por ENAC con nº 1/C-PR002.033
Product certification body accredited by ENAC, number 1/C-PR002.033

Informaţii generale

Despre capace pentru cămine şi grătare pentru guri de scurgere

Capacele pentru cămine şi grătarele pentru guri de scurgere sunt în conformitate cu standardul EN 124. În zonele cu trafic pietonal şi/sau rutier, standardul clasifică produsele în funcţie de locul lor de instalare în grupele 1-6.

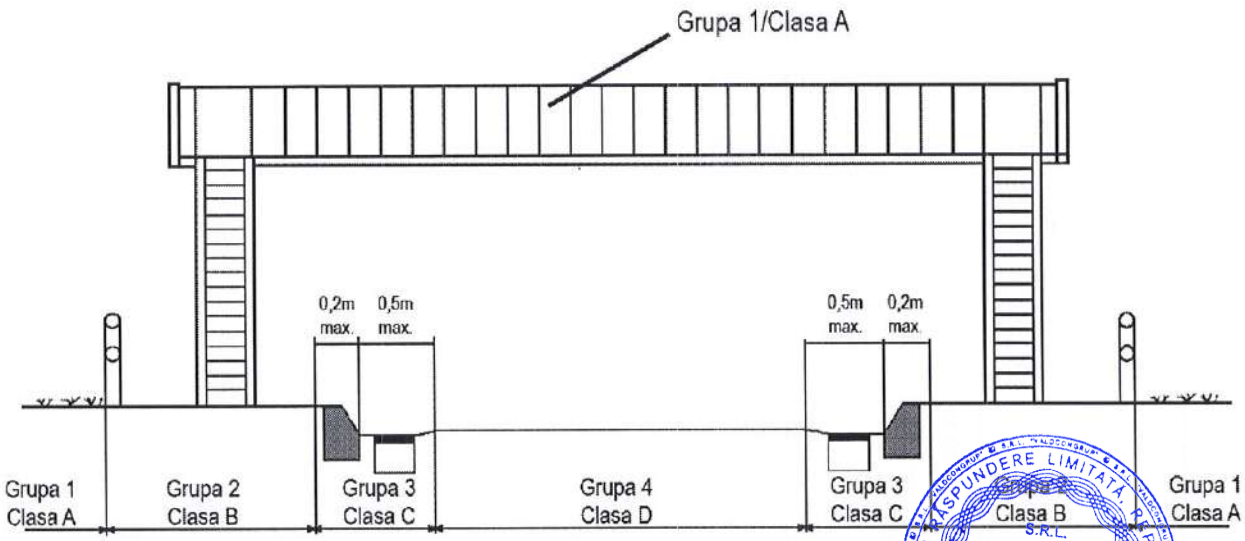
Grupa 1 / Clasa A015	Grupa 2 / Clasa B125	Grupa 3 / Clasa C250
Zone care pot fi folosite doar de pietoni şi bicicliști	Alei, zone pietonale, parcări auto	Pentru guri de scurgere instalate în zona bordurii

Grupa 4 / Clasa D400	Grupa 5 / Clasa E600	Grupa 6 / Clasa F900
Partea carosabilă a drumului pentru toate tipurile de vehicule rutiere	Zone în care se impun încărcări mari pe osie, ex: zone industriale, docuri	Zone în care se impun încărcări deosebit de mari pe osie, ex: pistă avion

NOTĂ: Încărcarea efectivă reprezintă doar 25-30% din testul de încărcare (clasa de încărcare).

Împărţirea pe grupe a standardului trebuie înţeleasă ca o RECOMANDARE MINIMĂ!

În cazul oricăror îndoieli, decideţi întotdeauna încadrarea într-o clasă mai mare de încărcare.



Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2008

This is to certify that:

Shijiazhuang Transun Metal Products Co., Ltd.
Liulintun Town
Luancheng County
Shijiazhuang
Hebei
051430
China

石家庄全鑫金属制品有限公司
中国
河北省
石家庄市
栾城县
柳林屯乡
邮编：051430

Holds Certificate No: **FM 78332**

and operates a Quality Management System which complies with the requirements of ISO 9001:2008 for the following scope:

The manufacture of iron castings including gully tops and manhole tops.
The manufacture of fabricated metal products.
铸铁件包括雨水沟盖和人孔盖的制造。
焊接金属组件的制造。

For and on behalf of BSI:

Gary Fenton, Global Assurance Director

Originally registered: **26/09/2003** Latest Issue: **12/04/2015** Expiry Date: **11/04/2020**

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract.
An electronic certificate can be authenticated online.
Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 65157060.
Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by consulting the organization.
This certificate is valid only if provided original copies are in complete set.

Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: + 44 845 080 9000
BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A Member of the BSI Group of Companies.

LRQA
Business Assurance

CERTIFICATE OF APPROVAL

This is to certify that:

Shijiazhuang Transun Metal Product Co., Ltd. Luancheng, Shijiazhuang City, Hebei Province, People's Republic of China

has been assessed for the manufacture of the product types listed in the certificate schedule bearing the same approval number to the requirements of:

BS EN 124:1994

Approval
Certificate No: QAC0051171

Original Approval: 17 October 2005

Current Certificate: 08 February 2018

Certificate Expiry: 16 October 2020

Issued by: Lloyd's Register Quality Assurance (Shanghai) Co., Ltd.
for and on behalf of Lloyd's Register Quality Assurance Limited

UKAS
PRODUCT
CERTIFICATION
001

This document is subject to the provision on the reverse
Room 2018, Ocean Tower, 550 Yan An Dong Road, Shanghai, P. R. China
For and on behalf of 71 Fenchurch Street, London EC3M 4BS United Kingdom. Registration number 1879370
This approval is carried out in accordance with the LRQA assessment and certification procedures and monitored by LRQA.
The use of the UKAS Accreditation Mark indicates Accreditation in respect of those activities covered by the Accreditation Certificate Number 001

LRQA
Business Assurance

CERTIFICATE SCHEDULE

Shijiazhuang Transun Metal Product Co., Ltd. Luancheng, Shijiazhuang City, Hebei Province, People's Republic of China

The following product types have been verified by LRQA in accordance with the requirements of BS EN 124:1994 on the basis of review of type test data, selection and testing of samples and continual production surveillance.

PA - 1	PA - 2	PA - 3	PA - 4
PA - 5	PA - 6	PB - 1	PB - 2
PB - 3	PB - 4	PB - 5	PB - 6
PB - 9	PB - 10	PC - 1	PC - 2
PD - 1	PD - 2	PD - 3	PD - 4
PD - 5	PD - 6	PE - 4	PE - 5
PJ	PPB - 1	PPB - 2	PPB - 3
PPB - 4	PPB - 5	PPD - 4	PPD - 6
PPE - 4	PIL - 1	PIL - 2	PIL - 3
PIL - 4	PIL - 5	PIL - 6	PIL - 7
PIL - 8	T360	T460	W001
W002	NPA-1	NPA-2	SSC50
RRC805	RCB700	SSB80	SRB70
SRB80	PF-3	PIL-7/GAAC	PPB-4/H6C250
PC-2/TR8C	PA-2/T4C	PPB-3/H5C250	PA-3/T5C

Cont...

Approval
Certificate No: QAC0051171

Original Approval: 17 October 2005

Current Certificate: 08 February 2018

Certificate Expiry: October 2020

UKAS PRODUCT CERTIFICATION
001

LRQA
Business Assurance

CERTIFICATE SCHEDULE

Shijiazhuang Transun Metal Product Co., Ltd. Luancheng, Shijiazhuang City, Hebei Province, People's Republic of China

The following product types have been verified by LRQA in accordance with the requirements of BS EN 124:1994 on the basis of review of type test data, selection and testing of samples and continual production surveillance.

823124315 (C:820024315+F:823104315)	822214315 (C:820014315+F:822204315)	821114280 (C:820014315+F:821104280)	823114510 (C:820014425+F:823104510)
821124280 (C:820024315+F:821104280)	822224315 (C:820024315+F:822204315)	821124315 (C:820024315+F:821104315)	822124348 (C:820024425+F:822104348)
823114280 (C:820014315+F:823104280)	823114315 (C:820014315+F:823104315)	822114315 (C:820014315+F:822104315)	822224425 (C:820024425 +F:822204425)
822124315 (C:820024315+F:822104315)	821114315 (C:820014315+F:821104315)	823124280 (C:820024315+F:823104280)	
823114400 (C:820014315+F:823104400)	823124400 (C:820024315+F:823104400)	822124600 (C:820024600+F:822104600)	822224600 (C:820024600+F:822204600)
821124600 (C:820024600+F:821104600)	821224600 (C:820024600+F:821204600)	823124600 (C:820024600+F:823104600)	822114600 (C:820014600+F:822104600)
822214600 (C:820014600+F:822204600)	821114600 (C:820014600+F:821104600)	821214600 (C:820014600+F:821204600)	823114600 (C:820014600+F:823104600)
824134280 (C:820034315+F:824104280)		825234280 (C:820034315+F:825204280)	824234280 (C:820034315+F:824204280)
825134280 (C:820034315+F:825104280)	824234315 (C:820034315+F:824204315)	826134280 (C:820034315+F:826104280)	826134315 (C:820034315+F:826104315)
821124425 (C:820024425+F:821104425)	822214280 (C:820014315+F:822204280)	822224280 (C:820024315+F:822204280)	823114425 (C:820014425+F:823104425)
823214425 (C:820014425+F:823204425)	822114348 (C:820014425+F:822104348)	822214425 (C:820014425+F:822204425)	822114425 (C:820014425+F:822104425)
821114425 (C:820014425+F:821104425)	823124425 (C:820024425+F:823104425)	823224425 (C:820024425+F:823204425)	823124510 (C:820024425+F:823104510)
822124425 (820024425+822104425)	824134315 (820034315+824104315)		
RONDO(EPIL-1)	RRD750	RRD850	SSB60
GP4C(PD-2)	T6C(PA-4)	H4C(PB-2)	B150

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Certificate Expiry: [illegible] October 2021

UKAS PRODUCT CERTIFICATION
001

SOCIETATEA CU RASPUNDERE LIMITATA REPUBLICA MOLDOVA "VALDCONGRUP" IDNO 1009600000374

ГОСТ 3634-99

Группа Ж21

МЕЖГОСУДАРСТВЕННЫЙ СТАНДАРТ

ЛЮКИ СМОТРОВЫХ КОЛОДЦЕВ И ДОЖДЕПРИЕМНИКИ ЛИВНЕСТОЧНЫХ КОЛОДЦЕВ

Технические условия

Access manhole covers and storm-flow receivers for manholes. Technical requirements

ОКС 91.140.70
ОКСТУ 4859

Дата введения 2001-01-01

Предисловие

1 РАЗРАБОТАН ОАО "Кировский завод" (Калужской обл.), ГП ЦНС и группой специалистов

ВНЕСЕН Госстроем России

2 ПРИНЯТ Межгосударственной научно-технической комиссией по стандартизации и техническому нормированию и сертификации в строительстве (МНТКС) 2 декабря 1999 г.

За принятие проголосовали

Наименование государства	Наименование органа государственного управления строительством
Азербайджан	Азстандарт
Республика Армения	Министерство по координации, территориальному управлению и градостроительной деятельности Республики Армения
Республика Беларусь	Министерство архитектуры и строительства Республики Беларусь (Минстройархитектуры Республики Беларусь)
Республика Казахстан	Комитет по делам строительства Министерства энергетики, индустрии и торговли Республики Казахстан (Казстройкомитет)
Республика Молдова	Министерство окружающей среды и благоустройства территорий Республики Молдова
Российская Федерация	Госстрой России
Республика Узбекистан	Государственный Комитет Республики Узбекистан по архитектуре и строительству (Госкомархитектстрой Республики Узбекистан)

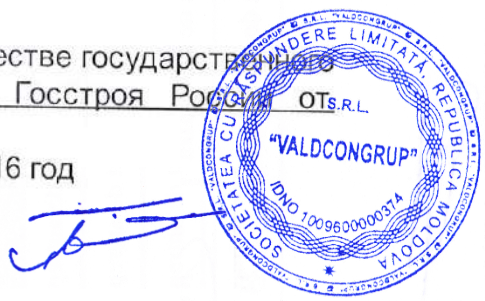
(Поправка. ИУС N 3-2016).

3 ВЗАМЕН ГОСТ 3634-89, ГОСТ 26008-83

4 ВВЕДЕН В ДЕЙСТВИЕ с 1 января 2001 года в качестве государственного стандарта Российской Федерации постановлением Госстроя России от 17.10.2000 г. N 105

ВНЕСЕНА поправка, опубликованная в ИУС N 3, 2016 год

Поправка внесена изготовителем базы данных



Введение

Стандарт на люки смотровых и дождеприемники ливнесточных колодцев разработан на основе европейского стандарта EN 124-1994* "Люки сточных и смотровых колодцев для автомобильных и пешеходных районов. Требования к конструкции, испытания, маркировка, контроль качества" и соответствует ему в части технических требований, в том числе нагрузок, применяемых материалов, методов испытаний и маркировки.

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* Доступ к международным и зарубежным документам, упомянутым в тексте, можно получить, обратившись в Службу поддержки пользователей. - Примечание изготовителя базы данных.

В стандарте приведены типы люков, прочностные нагрузки, которые должны выдерживать люки и места установки, идентичные европейскому стандарту: люк Л - классу А15; люк С - классу В125 и т.д. Эта связь отражена в условном обозначении люков и дождеприемников: люк Л (А15); дождеприемник ДМ1 (С250). Размеры пазов решетки дождеприемника и их расположение по отношению к бордюрному камню гармонизированы со стандартом EN 124-1994.

В разработке принимали участие: М.Ю.Смирнов, С.В.Цыганков (ОАО "Кировский завод", Калужская обл.), В.А.Глухарев и В.П.Бовбель (Госстрой России), Л.С.Васильева (ГП ЦНС), Ю.М.Соснер.

1 Область применения

Настоящий стандарт распространяется на люки колодцев и камер (далее - люки) подземных инженерных городских коммуникаций: тепловых, газовых и кабельных сетей, водопровода, канализации, а также на дождеприемники ливневой канализации (далее - дождеприемники), предназначенные для приема поверхностных сточных вод и атмосферных осадков.

Решетки дождеприемников, выполненные по настоящему стандарту, нельзя устанавливать в полу помещений и на крыше зданий.

2 Нормативные ссылки

ГОСТ 380-94* Сталь углеродистая обыкновенного качества. Марки

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* На территории Российской Федерации документ не действует. Действует ГОСТ 380-2005, здесь и далее по тексту. - Примечание изготовителя базы данных.

ГОСТ 1412-85 Чугун с пластинчатым графитом для отливок. Марки

ГОСТ 14192-96 Маркировка грузов

ГОСТ 15150-69 Машины, приборы и другие технические изделия. Исполнения для различных климатических районов. Категории, условия эксплуатации, хранения и транспортирования в части воздействия климатических факторов внешней среды

ГОСТ 26358-84 Отливки из чугуна. Общие технические условия

ГОСТ 26645-85* Отливки из металлов и сплавов. Допуски размеров, массы и припуски на механическую обработку

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* На территории Российской Федерации документ не действует. Действует ГОСТ Р 53464-2009, здесь и далее по тексту. - Примечание изготовителя базы данных.

3 Определения

В настоящем стандарте применяют следующие термины с соответствующими определениями.

Смотровой колодец - конструкция в виде камеры или шахты для доступа в каналы с подземными коммуникациями

Ливнесточный (дождеприемный) колодец - камера или шахта для принятия поверхностных сточных вод и атмосферных осадков в ливневую канализационную систему

Люк смотрового колодца - верхняя часть перекрытия смотрового колодца, устанавливаемая на опорную часть камеры или шахты и состоящая из корпуса и крышки

Дождеприемник ливнесточного колодца - верхняя часть перекрытия ливнесточного колодца, состоящая из корпуса и решетки

Вентиляционное отверстие - отверстие в крышке люка смотрового колодца, предназначенное для вентиляции камеры, шахты или подземных каналов

Полное открытие люка - диаметр круга, который может быть вписан в проем корпуса люка или дождеприемника

4 Типы, основные параметры и размеры

4.1 Типы, основные параметры и размеры люков, их место установки указаны в таблице 1 и в приложении А.

Тип люка выбирают в зависимости от места установки.

Таблица 1

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IDNO 1009600000374

Тип (обозначение по EN 124)	Наименование	Нагрузка номи-нальная, кН	Полное открытие D, не менее, мм	Глубина установки крышки в корпусе h, не менее, мм	Масса общая, справочная, кг	Рекомендуемое место установки
ЛМ* (А15)	Легкий малогабаритный люк	15	450	20	45	Зона зеленых насаждений, пешеходная зона
Л (А15)	Легкий люк		550		60	
С (В125)	Средний люк	125	550	25	95	Автостоянки, тротуары и проезжая часть городских парков
Т (С250)	Тяжелый люк	250	550	35	120	Городские автомобильные дороги с интенсивным движением
ТМ (Д400)	Тяжелый магистральный люк	400	550	50	140	Магистральные дороги
СТ (Е600)	Сверхтяжелый люк	600	550	60	155	Зоны высоких нагрузок (аэродромы, доки)

Р	Ремонтная вставка	125 250	550	25 35	35	Корпуса люков типов С(В125) и Т(С250) при ремонтных работах на дорогах (при наращивании высоты дорожного полотна)

* Для подземных коммуникаций с глубиной канала до 600 мм от наружной поверхности крышки люка.

4.2 По исполнению люки подразделяют:

1 - общего назначения (приложение А, рисунок А.1);

2 - с запорным замковым устройством на них (приложение А, рисунок А.2). Конструкция замкового устройства согласовывается с потребителем;

3 - имеющие в конструкции крышки углубление под заполнение бетоном класса не ниже В30 (приложение А, рисунок А.3);

4 - с устройством для подъема крышки с помощью стандартного грузоподъемного механизма. Конструкция устройства должна быть согласована с потребителем;

5 - с усиленной заделкой корпуса анкерными болтами или специальными приливами на корпусе (приложение А, рисунок А.4). Конструкция анкеров, приливов и их количество (не менее двух) согласовывается с потребителем;

6 - с крышкой, состоящей из двух частей (приложение А, рисунок А.5);

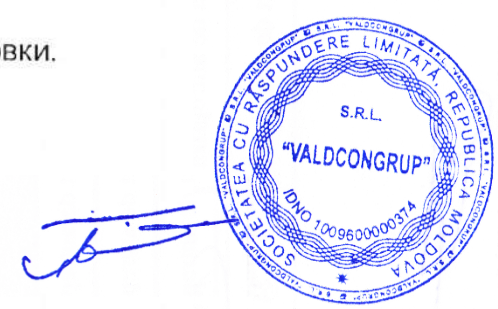
7 - с крышкой, шарнирно прикрепленной к корпусу;

8 - с квадратной или прямоугольной формой крышки и (или) корпуса люков.

4.3 Типы, основные параметры и размеры дождеприемников, их место установки указаны в таблице 2 и в приложении Б.

Тип решетки выбирают в зависимости от места установки.

Таблица 2



Тип (обозначение по EN 124)	Наименование	Нагрузка номи-нальная, кН	Площадь живого сечения S, не менее, м ^{2}	Глубина установки решетки в корпусе h, не менее, мм	Масса общая, справочная, кг	Рекомендуемое место установки
Д(А15)	Дождеприемник малый	15	0,05	20	30	Пешеходная зона
ДБ1*	Дождеприемник большой	125	0,075	35	50	Автостоянки и проезжая часть городских автодорог
ДБ2** (В125)			0,15		85	
ДМ1	Дождеприемник магистральный	250	0,075	35	60	Магистральные автомобильные дороги с интенсивным движением
ДМ2 (С250)			0,15		100	
ДС1	Дождеприемник сверхтяжелый	400	0,075	50	80	Зоны высоких нагрузок (аэродромы, доки)
ДС2 (Д400)			0,15		130	

На дорогах (аэродромах) при продольных уклонах:

* ДБ1 - $i_o \leq 0{,}005$;

** ДБ2 - $i_o > 0{,}005$.

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4.4 По исполнению дождеприемники подразделяют:

1 - с минимальной шириной опорной части корпуса по контуру (приложение Б, рисунок Б.1);

2 - с минимальной шириной продольной опорной части корпуса, прилегающего к бордюру дороги (приложение Б, рисунок Б.2);

3, 4, 5 - с минимальной шириной продольной опорной части корпуса, прилегающего к бордюру дороги, и одной правой (исполнение 2) или левой (исполнение 3), либо обеих (исполнение 4) коротких сторон;

6, 7 - с минимальной шириной короткой опорной части корпуса, прилегающего к бордюру дороги (исполнение 5), или обеих коротких сторон (исполнение 6);

8 - с единым корпусом под две решетки (приложение Б, рисунок Б.3);

9 - с усиленной заделкой корпуса, для чего последний оснащается анкерными болтами или специальными приливами на корпусе (приложение А, рисунок А.4). Конструкцию анкеров, приливов и их количество (не менее двух) согласовывают с потребителем;

10 - с решеткой, шарнирно прикрепленной к корпусу.

4.5 Условное обозначение люка или дождеприемника должно состоять из слова "Люк" или "Дождеприемник", его типа, исполнения или нескольких исполнений, габаритных размеров лаза в сантиметрах и обозначения настоящего стандарта.

Дополнительно в условное обозначение люка вводится обозначение инженерных сетей, для которых предназначен люк: В - водопровод; Г - пожарный гидрант; К - бытовая и производственная канализация; Д - дождевая канализация, ТС - тепловая сеть, ГС - газовая сеть, ГКС - городская кабельная сеть (в том числе ГТС - по согласованию с заказчиком).

Примеры условных обозначений:

легкого люка для сети водопровода с квадратной крышкой и размером лаза 60х60 см

Люк Л(А15)-В. 8-60х60 ГОСТ 3634-99;

среднего люка для канализации с запорным замковым устройством и диаметром лаза 60 см

Люк С(В125)-К.2-60 ГОСТ 3634-99;

ремонтной вставки для тяжелого люка любых исполнений и наименований инженерных сетей с диаметром лаза 60 см

Ремонтная вставка Р.Т-60 ГОСТ 3634-99;

дождеприемника большого исполнения 2 с минимальной шириной продольной опорной части корпуса, примыкающего к бордюру дороги, с размером лаза 30х50 см для дорог с продольным уклоном $i_o < 0,005$

Дождеприемник ДБ1(В125)-2-30х50 ГОСТ 3634-99.

5 Технические требования

5.1 Люки смотровых колодцев, ремонтные вставки и дождеприемники должны изготовляться в соответствии с требованиями настоящего стандарта по рабочим чертежам, утвержденным в установленном порядке.

5.2 Характеристики

5.2.1 Отливки не должны иметь дефектов, снижающих их прочность. Отливки должны соответствовать требованиям ГОСТ 26358.

На поверхности отливок допускаются раковины диаметром не более 10 мм и глубиной не более 3 мм, занимающие не более 5% поверхности отливок. Трещины не допускаются. На нижней опорной поверхности корпусов, внутренней поверхности крышек люков и решеток дождеприемников допускаются шлаковые включения, занимающие не более 10% общей площади поверхности.

5.2.2 Допуски отливок должны соответствовать: размерам - не ниже 10-го класса точности по ГОСТ 26645, массе - 11-му классу точности.

5.2.3 Верхние поверхности крышек люков всех типов должны быть рельефными. Высота рельефа должна быть для типов:

ЛМ(А15), С(В125) и Т(С250)	Л(А15),	-	от	2	до	6	мм;
ТМ(Д400) и СТ(Е600)		-	"	3	"	8	".

Площадь поверхности выпуклого рельефа должна быть не менее 10% и не более 70% общей площади поверхности.

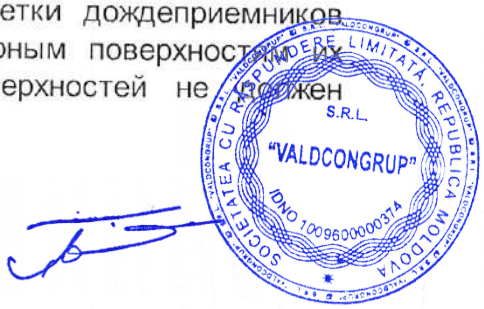
Конфигурация рельефа устанавливается изготовителем и должна определяться с учетом величины номинальной нагрузки, а также технологии изготовления.

5.2.4 Конструкция люков должна предусматривать не менее одной впадины или отверстия, предназначенных для возможности открывания крышки.

5.2.5 Крышки люков, ремонтные вставки и решетки дождеприемников должны свободно входить в соответствующие им корпуса. Зазор между ними по периметру не должен превышать 3 мм на сторону.

5.2.6 Крышки люков (кроме водопроводных) должны иметь отверстие диаметром не менее 20 мм для отбора проб загазованности колодцев.

5.2.7 Крышки люков, ремонтные вставки и решетки дождеприемников должны плотно прилегать к соответствующим опорным поверхностям их корпусов. Допуск плоскостности их опорных поверхностей не должен превышать 2 мм.



5.2.8 Люки типов Т(С250), ТМ(Д400), СТ(Е600), соответствующая им ремонтная вставка и дождеприемники типов ДМ(С250), ДС(Д400) должны иметь эластичную прокладку между крышкой и корпусом либо предусматривать механическую обработку обеих сопрягаемых опорных поверхностей. Конструкция, размеры эластичной прокладки и способы ее крепления определяет предприятие-изготовитель. Допускается установка нескольких (вместо одной сплошной) эластичных прокладок при условии исключения качания крышки. Твердость эластичной прокладки должна быть не ниже 40 ед. по Шору.

5.2.9 Пазы в решетках должны быть равномерно распределены по площади решетки дождеприемника. Площадь пазов должна быть не менее 30% чистой площади решетки дождеприемника и должна быть указана в сопроводительной документации на дождеприемники.

5.2.10 Пазы решеток типов Д(А15) и ДБ(В125) должны иметь соответственно размеры:

ширина от 8 до 18 мм, длина не ограничена;

ширина более 18 до 25 мм, длина не более 170 мм.

Размеры пазов решеток типов ДМ(С250) и ДС(Д400) зависят от ориентирования продольных осей пазов по отношению к транспортному движению в соответствии с таблицей 3.

Таблица 3

Ориентирование	Тип	Ширина, мм	Длина, мм
От 0 до 45° и от 135 до 180°	Все типы	От 16 до 32	≤170
От 45 до 135°	ДМ(С250)	От 16 до 42	Без ограничения
	ДС(Д400)	" 20 " 42	"

5.2.11 Опорная поверхность корпуса должна быть сконструирована таким образом, чтобы давление на опорную поверхность при приложении номинальной нагрузки не превышало 7,5 МПа.

5.2.12 Конструкцию и размеры замковых устройств люков смотровых колодцев, шарнирных соединений крышек люков и решеток дождеприемников определяет предприятие-изготовитель по согласованию с потребителем.

5.3 Требования к сырью, материалам, покупным изделиям

Корпуса, крышки, ремонтные вставки люков, корпуса и решетки дождеприемников изготавливают из серого чугуна марки не ниже СЧ20 по ГОСТ 1412. Допускается замена марки чугуна, обеспечивающая номинальную нагрузку. Кроме того, допускается корпуса люков типов ЛМ(А15), Л(А15) и дождеприемников типа Д(А15) изготавливать из полимерных материалов и чугуна в сочетании с бетоном. Внутренние запорные устройства люков изготавливают из стали марки не ниже Ст3 по ГОСТ 380 с антикоррозионным покрытием.

5.4 Комплектность

Люки и дождеприемники поставляют как комплектно, так и отдельными деталями.

5.5 Маркировка

5.5.1 На наружной поверхности крышек люков всех типов и решеток дождеприемников должно быть отлито условное обозначение, кроме слов "люк", "дождеприемник" и "ремонтная вставка" и товарный знак предприятия-изготовителя. Обозначение наименования инженерной сети располагают на осевой линии. На внутренней поверхности крышек люков и решеток дождеприемников отливают месяц и год изготовления. Размеры маркировочных знаков определяет изготовитель.

5.5.2 Люки и дождеприемники, отгруженные потребителю, должны сопровождаться паспортом. Паспорт содержит:

наименование предприятия-изготовителя или его товарный знак;
условное обозначение изделия;
количество изделий в партии;
гарантийный срок;
дату приемки техническим контролем;
дату отгрузки.

5.6 Упаковка

Упаковку люков и дождеприемников производят в пакеты на поддонах. По согласованию с потребителем допускаются другие виды упаковки, обеспечивающие сохранность изделий при транспортировании и хранении.

6 Правила приемки

6.1 Приемку люков и дождеприемников всех типов, ремонтных вставок (далее - изделий) проводят партиями. Объем партии равен сменной выработке.

6.2 Изделия должны подвергаться приемосдаточным, периодическим и типовым испытаниям.

6.3 При приемосдаточных испытаниях должны проверяться внешний вид изделий, механическая прочность крышек и решеток. Проверке по внешнему виду подвергают каждый люк и дождеприемник; проверке на механическую прочность подвергают крышки люков и решетки дождеприемников в количестве 3% партии, но не менее двух штук.

producător de țevi și fitinguri din plastic

Adresa :str.Pădurii 6/2,Chisinău 2002,Moldova email - info@uniplast.md www.uniplast.md
Telefoane de contact : (022) 55 98 64 Vînzari, 55 81 39 Producere, 55 83 93 Contabilitate, 52 11 61 Fax
Rechizitele:BC "VICTORIABANK" fil.8 C/b VICBMD2X802;C/c 225100000100444 C/f 1003600128591;C/TVA 0300455

№ 3/04

CERTIFICAT DE CALITATE
QUALITY CERTIFICATE

Prin prezenta compania „UNIPLAST"S.R.L., cu adresa legală Chișinău, str. Pădurii 6/2, Republica Moldova care activează in conformitate cu legislația în vigoare a Republicii Moldova, confirmă că Hidrant HP-6 dn 80 H750 pn16 PL, Hidrant HP-6 dn 80 H1000 pn16 PL , Hidrant HP-6 dn 80 H1250 pn16 PL corespund cerințelor tehnice normative.

Director
"UNIPLAST" S.R.L.

CECAN VASILE

JEDNOSTKA NOTYFIKOWANA / NOTIFIED BODY 1438
Centrum Naukowo-Badawcze Ochrony Przeciwpożarowej
im. Józefa Tuliszkowskiego
Państwowy Instytut Badawczy
ul.Nadwiślańska 213, 05-420 Józefów
Polska / Poland

CERTYFIKAT STAŁOŚCI WŁAŚCIWOŚCI UŻYTKOWYCH
CERTIFICATE OF CONSTANCY OF PERFORMANCE
1438-CPR-0344

Zgodnie z Rozporządzeniem Parlamentu Europejskiego i Rady (UE) 305/2011 z dnia 9 marca 2011 r. (Rozporządzenie CPR), niniejszy certyfikat odnosi się do wyrobu budowlanego:

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

Hydrant podziemny HP6 DN 80 PN16
<Opis wyrobu, zamierzone zastosowanie, właściwości użytkowe patrz kolejne strony certyfikatu>

Underground fire hydrant HP6 DN 80 PN16
<Product description, intended use, performances see the following pages of the certificate>

produkowanego(-ych) przez lub dla:

produced by or for:

Jarosław Halarewicz, Henryk Bogusz "BOHAMET-ARMATURA" sp. j.
Ciele, ul. Kościelna 2
86-005 BIAŁE BŁOTA

w zakładzie(-ach) produkcyjnym(-ych):

and produced in the manufacturing plant(-s):

Jarosław Halarewicz, Henryk Bogusz "BOHAMET-ARMATURA" sp. j.
Ciele, ul. Kościelna 2
86-005 BIAŁE BŁOTA

Niniejszy certyfikat potwierdza, że wszystkie postanowienia dotyczące oceny i weryfikacji stałości właściwości użytkowych określone w załączniku(-ach) ZA normy (norm):

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex(-es) ZA of the standard(-s)

EN 14339:2005 Underground fire hydrants

w systemie 1 dla właściwości użytkowych określonych w niniejszym certyfikacie są stosowane oraz że:

under system 1 for the performance set out in this certificate are applied and that:

wyrób budowlany spełnia wszystkie ustalone wymagania dla tych właściwości użytkowych.

the construction product fulfils all the prescribed requirements for these performances.

Niniejszy certyfikat został wydany po raz pierwszy w dniu **07.10.2013** i pozostaje ważny, zgodnie z umową nr **87/DC/CPR/2013**, do dnia **06.10.2023** dopóki nie zmienią się metody badań i/lub wymagania zakładowej kontroli produkcji, zawarte w zharmonizowanej normie, zastosowane do oceny właściwości użytkowych zadeklarowanych charakterystyk oraz sam wyrób i warunki wytwarzania nie ulegną istotnej zmianie.

This certificate was first issued on **07.10.2013** and will remain valid, in accordance with the agreement no **87/DC/CPR/2013**, until **06.10.2023** as long as test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Nr wydania certyfikatu: 3
Certificate issue no:

Data wydania: 30.09.2014
Issue date:

p.o. DYREKTOR CNBOP-PIB
Acting DIRECTOR of CNBOP-PIB

bryg. dr inż. Jacek Zboina

СЕРТИФИКАТ ИСПЫТАНИЙ № 913
INSPECTION CERTIFICATE
(EN 10204 - 3.1)

Производитель: Producer:	ООО "ДМЗ КОМИНМЕТ" LLC "DMZ KOMINMET" 7, Yakhnenkovskaya str. 49023 Dnepr, Ukraino
Потребитель, адрес, страна Consumer, address, country:	МОЛДОВА
Дата отгрузки Chip Date	22.12 2016
Машина № Carriage	SGAS956

Контракт № Contract		Дата Date	
Дополнение к контракту: Addendum to the contract			
Заказ № Order	д0000008434	Дата Date	

Наименование продукции Discription of goods	Стандарт Standart	Вид груз. м. Type of package	Кол.мест Quantity of packages
Трубы стальные электросварные прямошовные оцинкованные Steel electric welding pryamoshovnye zinked	10704-91, 10705-80	Bundles	10

Lot №	Плавка Heat №	Марка стали Steel grade	Размеры, мм Dimensions, mm O.D. of I.D.	Толщина стенки W.T.	Length	Кол-во, шт. pcs	Кол-во, метров meters m	Кол-во мест packages	Масса, тн Net
1	516595-1	СТ1ПС	89	3.0	6000	80	480	2	3.084
2	526777-1	СТ2ПС	76	3.2	6000	99	594	3	3.357
3	826664	СТ2ПС	76	4.0	6000	110	660	3	4.396
4	216469	СТ2ПС	89	4.0	6000	39	234	1	1.968
5	726665	СТ3ПС	89	4.0	6000	37	222	1	1.922
Итого :						365	2190	10	14.727
Всего :						365	2190	10	14.727

Качество покрытия по Coating quality ace: EN 10240

Качество покрытия Coating quality	Толщина покрытия Thickness coating	Адгезия Adhesion	Химический состав покрытия Chemical composition of coating Массовая доля элементов, % Element mass fraction, %				
			Sb	As	Pb	Cd	Bi
"B1"	45	-	-	-	-	-	-

Продолжение на обороте

РТО

СЕРТИФИКАТ ИСПЫТАНИЙ № 9
INSPECTION CERTIFICATE
(EN 10204 - 3.1)

Результаты испытаний **Test result**

№ плавки Heat №	Химический состав стали / Chemical steel composition — Массовая доля элементов, % / Element mass fraction, %															
	C x100	Mn x100	Si x100	S x1000	P x1000	Cr x100	Ni x100	Cu x100	Ti x1000	As x1000	Al x1000	Nb x1000	V x1000	Mo x1000	N x1000	CEV x100
516595-1	6	36	1	21	29	5	4	2	1	8					10	
526777-1	14	43	1	30	13	3	2	2	1	8					8	
826664	13	37	1	27	33	4	1	1		8			4	1	8	
216469	13	39	1	26	29	4	2	1	1	8					8	
726585	16	40	1	32	38	5	2	2	1	8			4	4	8	

Номер партии Lot №	№ плавки Heat №	Механические свойства / Mechanical properties — EN ISO 6892-1				EN ISO 148-1		Технологические свойства / Tehnical properties				
		Предел. текучес. Yield strength КГ/мм2	Предел. прочн. Tensile strength КГ/мм2	Удлинение Elongation A L=80 %	Elongation A L=5,65 √ So,%	Работа удара Activity of impact KV 150/ J	Темпер. испыт. Test temperat t. °C	Сплющивание Flattening test EN ISO 8492	Раздача Drift test EN ISO 8493	Загиб Bend-over test EN ISO 8491	Неразруш. контроль Nondestructive inspection EN10246-3 E4 %	Гидроиспытание Hydro-testing %
1	516595-1	39.00	46.00		35.00			Выд.	Выд.	Не	100	15
2	526777-1	30.00	37.50		37.00			Выд.	Выд.	Не	100	15
3	826664	33.50	42.50		40.00			Выд.	Выд.	Не	100	15
4	216469	37.00	42.00		31.00			Выд.	Выд.	Не	100	15
5	726585	40.50	46.00		34.00			Выд.	Выд.	Не	100	15

Примечание: 1. Визуальный контроль, маркировка и упаковка без замечаний.
Visual inspection marking and packing - without remarks.
Note: 2. Размеры труб в пределах допусков.
Pipe dimensions are permitted:

Указанные в настоящем документе трубы соответствуют по качеству условиям контракта.
Those in this paper tube is equal to the quality terms of the contract.

Подпись эксперта/для сертификатов
Signature expert/for certificates
Штамп эксперта
Stamp expert

ООО "ДМЗ КОММЕТ"
№3
Отдел технического контроля

SOCIETATEA CU RASPUNDERE LIMITATA. REPUBLICA MOLDOVA
S.R.L.
"VALDCONGRUP"
IDNO 1009600000374

СЕРТИФИКАТ ИСПЫТАНИЙ № 1-2824 от 19.06.2017
INSPECTION CERTIFICATE
(EN 10204 - 3.1)

Производитель: Producer: **ООО "ДМЗ КОМИНМЕТ"** **LLC "DMZ KOMINMET"** **7, Yakhnenkovskaya str. 49023** **Dnepr, Ukraine** Потребитель, адрес, страна: Consumer, address, country: **МОЛДОВА**		Контракт № Contract	Дата Date
		Дополнение к контракту: Addendum to the contract	
Дата отгрузки Chip Date	19.06 2017		
Вагон № Carriage	**63285795**	Заказ № Order: Д0000006792	Дата Date

Наименование продукции Discription of goods	Стандарт Standart	Вид груз. м. Type of package	Кол.мест Quantity of packages
Трубы стальные электросварные водогазопроводые Pipes steel electrowelded water pipeline Трубы стальные электросварные профильные Pipes steel electrowelded profile	ГОСТ 3262-75 ГОСТ 8639-82,13663-86 ГОСТ 8645-68,13663-86	Bundles	44

Номер партии Lot №	Номер плавки Heat №	Марка стали Steel grade	Размеры, мм Dimensions, mm Диаметр O.D. of I.D.	Толщина стенки W.T.	Длина Length	Кол.труб шт. Q-ty of pipes, pcs	Кол. метров Q-ty of meters, m	Кол-во пакетов Q-ty of packages	Масса, тн Mass, mt Нетто Net
1	227315	1ПС	32	2,80	6 000	273	1 638	3	4,582
	527351	1ПС	32	2,80	6 000	332	1 992	4	5,546
2	170060	2ПС	32	2,50	6 000	455	2 730	5	6,18
3	817411	3ПС	32	2,50	6 000	273	1 638	3	3,948
4	227315	1ПС	40x40	3,00	6 000	1 578	9 468	18	30,573
5	627348	3ПС	40x40	4,00	6 000	216	1 296	3	5,169
6	617390	3ПС	50x50	3,00	6 000	324	1 944	5	8,083
7	817415	2ПС	40x20	3,00	6 000	350	2 100	3	5,126
Итого :						**3 801**	**22 806**	**44**	**69,207**
Всего :						**3 801**	**22 806**	**44**	**69,207**

Продолжение на обороте

РТО

СЕРТИФИКАТ ИСПЫТАНИЙ № 1-2824 от 19.06.2017
INSPECTION CERTIFICATE
(EN 10204 - 3.1)

Результаты испытаний **Test result**

Химический состав % / Chemical steel composition																
	Массовая доля элементов, % / Element mass fraction, %															
№ плавки Heat №	C x 100	Mn x 100	Si x 100	S x 1000	P x 1000	Cr x 100	Ni x 100	Cu x 100	Ti x 1000	As x 1000	Al löslich x 1000	Nb x 1000	V x 1000	Mo x 1000	N x 1000	CEV x 100
227315	7	34	1	22	29	4	1	1	1	8	11		3	4	8	
527351	7	33	1	18	21	9	2	2	1	8	17		3	4	8	
170060	13	50	3	23	13	3	2	1	1		50		4	4	9	
817411	18	40	1,5	17	34	4	1	1	1	8	16		3	2	8	
227315	7	34	1	22	29	4	1	1	1	8	11		3	4	8	
627348	14	36	1,4	19	22	3	1	1	1	8	8		3	1	8	
617390	16	34	1,6	25	20	3	2	1	1	8	13		3	1	8	
817415	9	38	1	21	20	3	1	1	1	8	23		3	4	8	

Номер партии Lot №	Номер плавки Heat №	Механические свойства Mechanical properties acc. EN ISO 6892-1				EN ISO 148-1		Технологические свойства Tehnical properties				
		Предел текучес. Yield strength	Предел прочн. Tensile strength	Удлинение Elongation A L=80	Удлинение Elongation A L=5,65	Темпер. испыт. Test temperat	Работа удара Activity of impact	Сплющивание Flattening test EN ISO 8492	Раздача Drift test EN ISO 8493	Загиб Bend-over test EN ISO 8491	Неразруш. контроль Nondestructive inspection EN10246-3 E4 %	Гидроиспытание Hydro-testing %
		КГ/мм2	КГ/мм2	%	√ So,%	T. °C	KV 150/ J					
1	227315	33,00	36,00		41,00			Выд.	Выд.	Выд.	100	гарант.
	527351	32,00	36,00		43,00			Выд.	Выд.	Выд.	100	гарант.
2	170060	39,00	43,50		40,00			Выд.	Выд.	Выд.	100	гарант.
3	817411	37,50	43,00		38,00			Выд.	Выд.	Выд.	100	гарант.
4	227315	33,50	36,00		45,00						100	
5	627348	40,00	44,00		33,00						100	
6	617390	37,50	43,50		38,00						100	
7	817415	35,00	38,50		40,00						100	

Примечание: 1. Визуальный контроль, маркировка и упаковка без замечаний.
Note: Visual inspection marking and packing - without remarks.
2. Размеры труб в пределах допусков.
Pipe dimensions are permitted:
3. Маркировка на бирке / Marking on bundle tag

Указанные в настоящем документе трубы соответствуют по качеству условиям контракта.
Those in this paper tube is equal to the quality terms of the contract.

Подпись эксперта
Signature expert
Штамп эксперта
Stamp expert

СЕРТИФИКАТ ИСПЫТАНИЙ № 1-728 от 14.02.2017
INSPECTION CERTIFICATE
(EN 10204 - 3.1)

Производитель: Producer: **ООО "ДМЗ КОМИНМЕТ"** **LLC "DMZ KOMINMET"** **7, Yakhnenkovskaya str. 49023** **Dnepr, Ukraine** Потребитель, адрес, страна: Consumer, address, country: **МОЛДОВА**			Контракт № Contract		Дата Date	
			Дополнение к контракту: Addendum to the contract			
Дата отгрузки Chip Date	14.02	2017				
Вагон № Carriage	**60415817**		Заказ № Order	Д0000001769	Дата Date	

Наименование продукции Discription of goods	Стандарт Standart	Вид груз. м. Type of package	Кол.мест Quantity of packages
Трубы стальные электросварные прямошовные Pipes steel electrowelded pryamoshovnye Трубы стальные электросварные профильные Pipes steel electrowelded profile	ГОСТ 10704-91, 10705-80 ГОСТ 8639-82,13663-86 ГОСТ 8645-68,13663-86	Bundles	20

Номер партии Lot №	Номер плавки Heat №	Марка стали Steel grade	Размеры, мм Dimensions, mm Диаметр O.D. of I.D.	Толщина стенки W.T.	Длина Length	Кол.труб шт. Q-ty of pipes, pcs	Кол. метров Q-ty of meters, m	Кол-во пакетов Q-ty of packages	Масса, тн Mass, mt Нетто Net
1	226725	3ПС	76	3,50	12 000	40	480	1	3,071
2	217061	3ПС	40x40	3,00	6 000	543	3 258	6	10,206
3	1027077	3ПС	60x60	3,00	6 000	216	1 296	5	6,491
4	816824	3ПС	60x60	4,00	6 000	275	1 650	6	10,638
5	716424-1	2ПС	40x30	4,00	6 000	140	840	2	2,969
Итого :						**1 214**	**7 524**	**20**	**33,375**
Всего :						**1 214**	**7 524**	**20**	**33,375**

Продолжение на обороте

РТО

СЕРТИФИКАТ ИСПЫТАНИЙ № 1-728 от 14.02.2017
INSPECTION CERTIFICATE
(EN 10204 - 3.1)

Результаты испытаний **Test result**

Химический состав % / Chemical steel composition																
№ плавки Heat №	Массовая доля элементов, % / Element mass fraction, %															
	C x 100	Mn x 100	Si x 100	S x 1000	P x 1000	Cr x 100	Ni x 100	Cu x 100	Ti x 1000	As x 1000	Al löslich x 1000	Nb x 1000	V x 1000	Mo x 1000	N x 1000	CEV x 100
226725	15	34	1	34	34	4	2	1		8			4	5	8	
217061	19	42	2	28	33	6	3	2	1	8			5	3	8	
1027077	18	37	2	21	34	4	1	2	1	8			3	3	8	
816824	16	33	1	25	29	4	3	1	1	8			3	4	8	
716424-1	13	37	2	30	35	4	1	1	1	8	37		2		9	

Номер партии Lot №	Номер плавки Heat №	Механические свойства Mechanical properties acc. EN ISO 6892-1				EN ISO 148-1		Технологические свойства Tehnical properties				
		Предел текучес. Yield strength	Предел прочн. Tensile strength	Удлинение Elongation A L=80	A L=5,65 √ So,%	Темпер. испыт. Test temperat T. °C	Работа удара Activity of impact KV 150/ J	Сплющивание Flatte-ning test EN ISO 8492	Раздача Drift test EN ISO 8493	Загиб Bend-over test EN ISO 8491	Неразруш. контроль Nondest-ructive inspection EN10246-3 E4 %	Гидроис пытание Hydro-testing %
		КГ/мм2	КГ/мм2	%								
1	226725	39,00	46,00		37,00			Выд.	Выд.		100	15
2	217061	41,50	46,00		39,00						100	
3	1027077	36,00	43,50		35,00						100	
4	816824	42,00	47,00		37,00						100	
5	716424-1	44,00	47,00		25,00						100	

Примечание: 1. Визуальный контроль, маркировка и упаковка без замечаний.
Note: Visual inspection marking and packing - without remarks.
2. Размеры труб в пределах допусков.
Pipe dimensions are permitted:
3. Маркировка на бирке / Marking on bundle tag

Указанные в настоящем документе трубы соотвествуют по качеству условиям контракта.
Those in this paper tube is equal to the quality terms of the contract.

Подпись эксперта
Signature expert
Штамп эксперта
Stamp expert

Отдел технического контроля

S.R.L. "VALDCONGRUP" IDNO 1009600000374 SOCIETATEA CU RASPUNDERE LIMITATA, REPUBLICA MOLDOVA

СЕРТИФИКАТ ИСПЫТАНИЙ № 1-6153-А от 21.12.2017
INSPECTION CERTIFICATE
(EN 10204 - 3.1)

Производитель: Producer: **ООО "ДМЗ КОМИНМЕТ"** **LLC "DMZ KOMINMET"** **7, Yakhnenkovskaya str. 49023** **Dnepr, Ukraine** Потребитель, адрес, страна: Consumer, address, country: **"BIMETCOM" S.R.L., 2036, Республика Молдова, г. Кишинев, ул. Узинелор, 205/2.**			Контракт № Contract		Дата Date
			Дополнение к контракту: Addendum to the contract		
Дата отгрузки Chip Date	21.12	2017			
Вагон № Carriage	**67873208**		Заказ № Order	Д0000014974	Дата Date

Наименование продукции Discription of goods	Стандарт Standart	Вид груз. м. Type of package	Кол.мест Quantity of packages
Трубы стальные электросварные водогазопроводые Pipes steel electrowelded water pipeline	ГОСТ 3262-75	Bundles	18

Номер партии Lot №	Номер плавки Heat №	Марка стали Steel grade	Размеры, мм Dimensions, mm			Кол.труб шт. Q-ty of pipes, pcs	Кол. метров Q-ty of meters, m	Кол-во пакетов	Масса, тн Mass, mt
			Диаметр O.D. of I.D.	Толщина стенки W.T.	Длина Length			Q-ty of packages	Нетто Net
1	227716	3ПС	15	2,50	6 000	730	4 380	4	5,1
	617803	3ПС	15	2,50	6 000	2 118	12 708	10	15,216
2	1227725	3ПС	15	2,80	6 000	651	3 906	3	5,16
3	617753	3ПС	20	2,80	6 000	105	630	1	1,069
Итого :						**3 604**	**21 624**	**18**	**26,545**
Всего :						**3 604**	**21 624**	**18**	**26,545**

Продолжение на обороте

РТО

СЕРТИФИКАТ ИСПЫТАНИЙ № 1-6153-А от 21.12.2017
INSPECTION CERTIFICATE
(EN 10204 - 3.1)

Результаты испытаний **Test result**

Химический состав % / Chemical steel composition

№ плавки Heat №	Массовая доля элементов, % / Element mass fraction, %															
	C x 100	Mn x 100	Si x 100	S x 1000	P x 1000	Cr x 100	Ni x 100	Cu x 100	Ti x 1000	As x 1000	Al löslich x 1000	Nb x 1000	V x 1000	Mo x 1000	N x 1000	CEV -x 100
227716	14	36	1,4	23	34	3	1	1	1	8	17		3	2	8	
617803	14	40	1,7	24	31	3	1	1	1	8	10		3	4	8	
1227725	14	37	1,4	30	29	4	2	3	1	8	14		2	3	8	
617753	15	42	1,6	20	17	3	1	1	1		14		3	2	9	

Номер партии Lot №	Номер плавки Heat №	Механические свойства Mechanical properties acc. EN ISO 6892-1				EN ISO 148-1		Технологические свойства Tehnical properties				
		Предел текучес. Yield strength	Предел прочн. Tensile strength	Удлинение Elongation A L=80 %	A L=5,65 √ So,%	Темпер. испыт. Test temperat T. °C	Работа удара Activity of impact KV 150/ J	Сплющивание Flatte-ning test EN ISO 8492	Раздача Drift test EN ISO 8493	Загиб Bend-over test EN ISO 8491	Неразруш. контроль Nondest-ructive inspection EN10246-3 E4 %	Гидроиспытание Hydro-testing %
		КГ/мм2	КГ/мм2									
1	227716	42,50	44,00		37,00			Выд.	Выд.	Выд.	100	гарант.
	617803	47,50	49,50		26,00			Выд.	Выд.	Выд.	100	гарант.
2	1227725	43,00	45,00		25,00			Выд.	Выд.	Выд.	100	гарант.
3	617753	34,00	40,00		37,00			Выд.	Выд.	Выд.	100	гарант.

Примечание: 1. Визуальный контроль, маркировка и упаковка без замечаний.
Note: Visual inspection marking and packing - without remarks.
2. Размеры труб в пределах допусков.
Pipe dimensions are permitted:
3. Маркировка на бирке / Marking on bundle tag

Указанные в настоящем документе трубы соотвествуют по качеству условиям контракта.
Those in this paper tube is equal to the quality terms of the contract.

Подпись эксперта
Signature expert
Штамп эксперта
Stamp expert

S.R.L. "VALDCONGRUP" IDNO 1009600000374 SOCIETATEA CU RASPUNDERE LIMITATA, REPUBLICA MOLDOVA

CERTIFICAT DE CONFORMITATE

MOLDAC
REPUBLICA MOLDOVA
SM SR EN ISO/CEI 17065
OCpr-003

Nr. de înregistrare OC ICC 11 A0003866-17

Data emiterii 16 iunie 2017 **Valabil pînă** 16 iunie 2022

ORGANISMUL DE CERTIFICARE OCpr. - 003

ORGANISMUL DE CERTIFICARE produse din cadrul SC "Inspecţie-Certificare-Calitate" S.R.L.
MD 2032, mun. Chişinău, str. Sarmizegetusa, 92, tel./fax 022 50-70-75, www.certificare.md
Certificat de acreditare nr. OCpr - 003 valabil pînă la 28.11.2018.

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

Codul NCM 3917

Ţevi monostrat, dublustrat coextrudate şi dublustrat cu strat extrerior exfoliabil din PP, din polietilena tip PE 80, PE 100, PE100 RC şi fitinguri fuziune din polietilena PE100/PE100RC, electrosudabile şi compresiune, gama WateriKIT / WaterPRO; KompactKIT/KompactPRO; AgriKIT/ AgriPRO, gama de dimensiuni SDR 6 ÷ SDR41, gama de diametre DN 20 mm ÷ 630 mm, pentru reţele de transport apă potabila, reţele de canalizare exterioara sub presiune şi retele transport apa brută (netratata).
Mărci comerciale:"WateriKIT"/"WaterPRO", "KompactKIT"/"KompactPRO", "AgriKIT"/"AgriPRO".
Fabricare în serie conform ISO 4427-2, ISO 4427-3 / EN 12201-2, EN 12201-3.

SÎNT CONFORME CU CERINŢELE OBLIGATORII STABILITE ÎN :
Reglementarea tehnică cu privire la produsele pentru construcţii (anexa la HG nr. 226 din 29.02.2008), cap. V (p. 9.3 g), cap. IX, ISO 4427-2, ISO 4427-3, EN 12201-2, EN 12201-3

PRODUCĂTOR
S.C. VALROM INDUSTRIE S.R.L., bd. Preciziei, nr. 28, sector 6, Bucureşti, România

Codul ţării RO

SOLICITANT
S.C. VALROM INDUSTRIE S.R.L., bd. Preciziei, nr. 28, sector 6, Bucureşti, România

Codul IDNO RO8529679

CERTIFICATUL ESTE ELIBERAT ÎN BAZA
Rapoartelor de încercari Nr. 00478 din 25.01.2017, nr. 00428 din 02.02.2016, eliberate de LI INSIST, bd. Pache Protopopescu, 66, sector 2, Bucureşti, certificat de acreditare nr. LI 205/2011, agrementelor tehnice nr. 017-05/2565-2016; nr. 017-05/2720-2017 elaborate de Institutul European pentru stiinte termice- EITS, Bucuresti, Certificatelor: pentru sistem de management SR EN ISO 9001:2008, nr. 8172 din 29.11.2010; pentru sistem de mediu SR EN ISO 14001:2005, nr.3305 din 29.11.2010; pentru sistem de managment al Sănătăţii şi securităţii Operaţionale SR OHSAS 18001:2008, nr.3298 din 12.12.2014 , eliberate de SRAC CERT srl, procesului verbal din 25.11.2016, audit la certificatele: SR EN ISO 9001:2008; SR EN ISO 14001:2005; SR OHSAS 18001:2008, efectuat de SRAC CERT srl, raportului de evaluare a procesului de producţie nr. M-7044-17 din 09.06.2017, raportului de identificare a produselor nr. M-7044-17 din 09.06.2017, raportului de control tehnic al produselor supuse certificării nr. M-7044-17 din 09.06.2017, raportului sumar de evaluare a conformităţii produselor nr. M-7044-17 din 16.06.2017, eliberate de OC "ICC".

INFORMAŢIE SUPLIMENTARĂ:
Sistemul certificării produselor nr. 2+. Evaluarea periodică se va efectua o dată pe an de OC "ICC" conform contractului de evaluare periodică a produselor certificate Nr. 17.22.7044-EPPC din 16.06.2017. Contract de testare a produselor aferente agrementelor tehnice nr. 1602 din 18.01.2016 cu LÎ INSIST din cadrul EITS, Bucureşti. Certificatul este valabil doar în cazul asigurării fiecărei unităţi de produs certificat cu informaţia amplă în limba de stat în conformitate cu legislaţia în vigoare.

Titularul prezentului certificat este obligat să aplice marca de conformitate SM pe produsele specificate în prezentul certificat

CONDUCĂTORUL ORGANISMULUI DE CERTIFICARE Savoi V.

SOCIETATEA COMERCIALA S.R.L. INSPECŢIE-CERTIFICARE-CALITATE IDNO 1004600070859 mun. CHIŞINĂU REPUBLICA MOLDOVA

SOCIETATEA CU RASPUNDERE LIMITATA "VALDCONGRUP" S.R.L. IDNO 1009600000374 REPUBLICA MOLDOVA

L.Ş

Seria A Nr. 0003866

În atenţia antreprenorilor şi organelor de control !
Copiile certificatelor se legalizează prin specimenul de ştampilă şi semnătura deţinătorului certificatului

BUREAU VERITAS
Certification

Certification

Awarded to

WATO BG OOD

Southern Industrial Zone, Kazanlak, Bulgaria

Bureau Veritas certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standard detailed below:

Standard

OHSAS 18001:2007

Scope of supply

Design, manufacture and sales of Valves, fittings and accessories for Water supply systems.

Original Approval Date: 9th August 2017

Certification cycle start Date: 9th August 2017

Subject to the continued satisfactory operation of the organisation's Management System, this certificate is valid until: 8th August 2020

To check this certificate validity please call: +359 (2) 983 60 44

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.

Version 1, Revision Date: 9th August 2017

Certificate Number: CZE-170123

S 3100

MANAGING OFFICE: BUREAU VERITAS CZECH REPUBLIC, spol. s r.o., Olbrachtova 1, 140 02 Praha 4, Czech Republic

ISSUING OFFICE ADDRESS: BUREAU VERITAS CZECH REPUBLIC, spol. s r.o., Olbrachtova 1, 140 02 Praha 4, Czech Republic

SOCIETATEA CU RASPUNDERE LIMITATĂ REPUBLICA MOLDOVA
S.R.L.
"VALDCONGRUP"
IDNO 1009600003174

BUREAU VERITAS
Certification

Certification

Awarded to

WATO BG OOD

Southern Industrial Zone, Kazanlak, Bulgaria

Bureau Veritas certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standard detailed below:

Standard

OHSAS 18001:2007

Scope of supply

Design, manufacture and sales of Valves, fittings and accessories for Water supply systems.

Original Approval Date: 9th August 2017

Certification cycle start Date: 9th August 2017

Subject to the continued satisfactory operation of the organisation's Management System, this certificate is valid until: 8th August 2020

To check this certificate validity please call: +359 (2) 983 60 44

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Version 1, Revision Date: 9th August 2017

Certificate Number: CZE-170123

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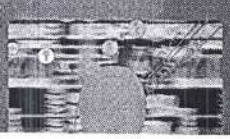
MANAGING OFFICE: BUREAU VERITAS CZECH REPUBLIC, spol. s r.o., Olbrachtova 1, 140 02 Praha 4, Czech Republic

ISSUING OFFICE ADDRESS: BUREAU VERITAS CZECH REPUBLIC, spol. s r.o., Olbrachtova 1, 140 02 Praha 4, Czech Republic

SOCIETATEA CU RĂSPUNDERE LIMITATĂ, REPUBLICA MOLDOVA
S.R.L.
"VALDCONGRUP"
IDNO 1009600000374



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 – НУРВСПСРБ – 2490

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

VALVES AND ACCESSORIES FOR WATER SUPPLY

with trade mark wato/europevalves

made of cast and ductile cast iron with epoxy coating,
with product range, operating pressure , dimensions and evaluated characteristics in accordance with national requirements as per Supplement № 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 1074-2:2004 /A1:2006
BDS EN 1074-3:2004
BDS EN 1074-4:2004
BDS EN 1074-5:2004
and Annex 3, item 7.5. to item 2 of Order № 02-14-1329 from 12.03.2015, the Minister of Regional Development and Public Works

The certificate was issued for the first time on **12/09/2017** and remains valid for three years to **11/09/2020,** 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: 12/09/2017

Director of "Conformity Assessment" Dept.
/ Y. DOCHKOVA /

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

Annex № 1
to Certificate of Conformity № 14– НУРВСПСРБ-2490

1. Product range, operating pressure and dimensions

№	Product range	DN mm	PN bar
I.	*Isolating valves*		
1.1.	Resilient seated gate valve Series 14/15	40÷800	10/16
1.2.	Metal seated gate valve Series 14/15	40÷1200	10/16
1.3.	Butterfly valve-Wafer type, Series 20	40÷1200	10/16
1.4.	Butterfly valve-Lug type, Series 20	40÷1200	10/16
1.5.	Butterfly valve-U type, Series 20	40÷600	10/16
1.6.	Butterfly valve-Concentric, double flanged, Series 13	50÷1200	10/16
1.7.	Butterfly valve-Double eccentric, double flanged, Series 14	100÷2400	10/16
1.8.	Service gate valve	¾"÷2"	10/16
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: 12/09/2017

Director of "Conformity Assessment" Dept.
/T. Lyubenova/

S.R.L. "VALDCONGRUP"

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 x PN) bar
Resistance to the closing body of internal pressure	no damage and leakage at P = (1,5 x PN) bar
Tightness of the body in internal pressure and any parts under pressure	no damage and leakage at P = (1,5 x PN) bar
Tightness of the body at a certain pressure	without exceeding the leaks according to levels of A-F, at P = (1,1 x 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: 12/09/2017

Director of "Conformity Assessment" Dept.
/T. Lyubenova/

S.R.L. "VALDCONGRUP" IDNO 1009600000374 SOCIETATEA CU RASPUNDERE LIMITATA REPUBLICA MOLDOVA

wato | europevalves

ISO 9001
ISO 14001
BUREAU VERITAS
Certification

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, Soth Inustrial 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).

SOCIETATEA CU RASPUNDERE LIMITATA, REPUBLICA MOLDOVA
S.R.L.
"VALDCONGRUP"
IDNO 1009600000374

Kazanlak

Miroslav Markov
/ Managing Director

БЪЛГАРИЯ · ГР. КАЗАНЛЪК
ВАТО БГ ООД
WATO BG Ltd.
BULGARIA · KAZANLAK

WRAS
APPROVED PRODUCT

This certifies that

WATO BG LTD

has had the undermentioned product examined, tested and found, when correctly installed, to comply with the requirements of the United Kingdom Water Supply (Water Fittings) Regulations and Scottish Water Byelaws.

EN558 SERIES - GV-RS-NRS RANGE OF RESILIENT SEATED GATE VALVES (DN50-600)

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 Directory (www.wras.co.uk/directory)

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

January 2023

1801086

Certificate No.

SOCIETATEA CU RASPUNDERE LIMITATA, REPUBLICA MOLDOVA
S.R.L.
"VALDCONGRUP"
IDNO 1009600000374

J Furnival

Secretary

Chairman, Product Assessment Group

30th April 2019

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

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

Approval Number: 1801086

Dear Sir/Madam

1. Production samples of the products described in Approval Information ("Products") have been subjected to relevant mechanical and water quality tests contained in the "Regulators' Specifications" for the purposes of your application for WRAS Approval.

2. After considering the test reports and examining the Product/s, The Water Regulations Advisory Scheme Ltd. ("WRAS Ltd" / "WRAS") finds that their use, when correctly installed (see paragraph 3) complies with the requirements of 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 from time to time.

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: 2000 and/or 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.

WRAS Approvals are granted subject to and in accordance with the Standard Terms and Conditions of WRAS Fittings Approval 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 attached to this letter as Appendix B and are also 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. WRAS Product Approvals may include one or more IRNs, which must be followed by the installer to ensure that the product is installed correctly to comply with The Regulations and Byelaws. Since the incorrect installation of products could result in contravention of the Regulations or Byelaws requirements, **the attention of your customers should be drawn to any IRNs.**

4. Please note that the use of the Products described in any particular area of supply is at the discretion of the Water Undertaker in that area.

5. Approval Holders may quote in their sales literature that WRAS **finds that the use of these products, when correctly installed, will not contravene the requirements of** The Water Supply (Water Fittings) Regulations 1999, The Water Supply (Water Fittings) (Scotland) Byelaws 2014, The Water Supply (Water Fittings) Regulations (Northern Ireland) 2009.

6. The "WRAS Approved Product" logos are certification marks registered under the Trade Marks Acts 1994 ("**Certification Marks**"). Approval Holders may use the Certification Marks in accordance with the Standard Terms of Approval.

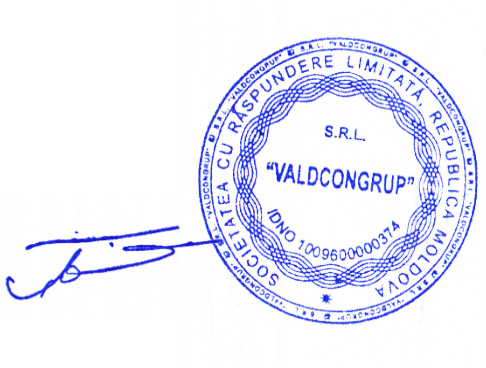
7. Please verify the details of your Product as set out in the approval information and advise us of any discrepancies by no later than **30th May 2019**

Yours Faithfully

Jason Furnival
Secretary, Product Approval Group

APPROVAL INFORMATION

Validity dates:	This approval is valid for fittings (as listed below in model) manufactured AND installed between January 2018 & January 2023
Section Number:	**2290**
Section title:	**VALVES - STOP, GATE, METAL.**
Installation requirement notes:	**R001** (IRN's are set out in Appendix A)
Product description:	Range of resilient seated gate valves with cast iron bodies (blue epoxy coated) and EPDM coated cast iron wedges. Maximum working pressure: 25.0 Bar for sizes DN50 - DN300, or 16.0 Bar for sizes DN350 - DN600. Maximum operating temperature 85°C.
Size:	DN50 - DN600
Identification Marking:	WATO, DN, PN & MODEL ON ADHESIVE LABEL ON BODY. DN, PN & EN ON BODY
Factor:	WATO BG LTD
Model:	EN558 SERIES - GV-RS-NRS - Resilient seated gate valve



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

STANDARD TERMS & CONDITIONS OF WRAS PRODUCT APPROVAL

The Water Regulations Advisory Scheme (WRAS) administers the WRAS Product Approval and Material Approval Scheme on behalf of the UK Water Supply Industry.

WRAS Approval of products is granted subject to the following standard conditions, which holders of approvals accept on signing the WRAS Approval application form (Form F2).

1. Introduction

1.1. The WRAS Approval Scheme and the WRAS Product and Materials Directory are owned and operated by the Water Regulations Advisory Scheme Ltd ("WRAS Ltd" or "WRAS").

1.2. WRAS Approvals are granted by the WRAS Product Assessment Group ("PAG"). Members of the PAG are suitably experienced representatives of the UK Water Supply Industry appointed by the WRAS Technical Committee.

1.3. In these Standard Terms of Approval, the following definitions shall apply:

"Agent" means any third party agent nominated by the Applicant for the purposes of the Application and whose details are set out in section 4 of the Application Form;
"Applicant" means any person, company or other organisation / entity that applies for WRAS Approval in respect of a Product;
"Application" means an application for WRAS Approval;
"Application Form" means the F2 application form to be used when applying for WRAS Approval and which can be found on the WRAS website www.wras.co.uk;
"Approval" / "WRAS Approval" means approval granted by WRAS on behalf of UK Water Suppliers once WRAS is satisfied that the Product complies with the requirements of the Water Supply (Water Fittings) Regulations 1999 and BS 6920 and any other applicable requirements from time to time;
"Approval Holder" means the holder of an existing WRAS Approval, which includes holders of both Primary Approvals and Secondary Approvals;
"Approval Period" has the meaning set out in clause 3.5;
"Approved Product" means any water fitting, plumbing product, material or component which is the subject of an existing WRAS Approval;
"Approval Letter" means the letter from WRAS to the Applicant confirming the grant of WRAS Approval in respect of a Product;
"Approval Scheme Installation Requirements and Notes" means any installation requirements and notes issued by WRAS as part of a WRAS Approval;
"Certification Mark" has the meaning set out in clause 20.1;
"Committee" means the WRAS Technical Committee;
"Directory" means the WRAS Product & Material Directory;
"Event Outside Our Control" means any act or event beyond WRAS's reasonable control, including without limitation strikes, lock-outs or other industrial action by third parties, civil commotion, riot, invasion, terrorist attack or threat of terrorist attack, war (whether declared or not) or threat or preparation for war, fire, explosion, storm, flood, earthquake, subsidence, epidemic or other natural disaster, or failure of public or private telecommunications networks [or impossibility of the use of railways, shipping, aircraft, motor transport or other means of public or private transport;
"Factor" a factor is generally an organisation that did not manufacture the Product, typically being a retailer, reseller or wholesaler;
"Primary Approval" means an Approval granted pursuant to the first Application for a Product and any subsequently renewals of that first Approval;
"Product" means any water fitting, plumbing product, material or component submitted to WRAS for WRAS Approval;
"Sample" samples of the Product to be sent to WRAS for evaluation as part of the Application;
"Scheme" means the Water Regulations Advisory Scheme;
"Secondary Approval" means an Approval granted pursuant to a second Application for a Product, a Secondary Approval relies on the existence of a Primary Approval and is typically used where the Product has been re-branded but maintains the same mechanical specifications as the Product submitted for Primary Approval and therefore does not require any further mechanical or materials testing;
"Standard Terms of Approval" these standard terms and conditions of WRAS Approval as amended from time to time in accordance with clause 24.2;
"Test Facility" means any WRAS suitably accredited test laboratory;
"WRAS Guidance" means the WRAS Product Approval Guidance available on the WRAS website www.wras.co.uk

2. Obligations of the Applicant & Approval Holder

2.1. It is the responsibility of Applicants to ensure that they are familiar with and comply at all times with the requirements of the Scheme as detailed in both these Standard Terms of Approval and in the WRAS Guidance.

2.2. The Applicant recognises, accepts and complies with the roles and responsibilities of Applicants seeking WRAS Approval, as detailed in the "Overview of the roles & responsibilities of those parties involved in the process for gaining WRAS product approval" document which is available on the WRAS website www.wras.co.uk. For the avoidance of doubt, WRAS shall not be responsible for the acts or omissions of any test laboratory or any other third party involved in the WRAS Approval process.

2.3. The Applicant warrants the accuracy and completeness of all information contained in the Application and any other information now or subsequently provided to by the Applicant or its Agents to WRAS and/or the Test Facility 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.

2.4. The Applicant / Approval Holder undertakes to WRAS as follows:

2.4.1. to co-operate fully with WRAS and its employees and agents in relation to the Application process and any subsequent audit that WRAS may consider necessary and to provide WRAS with all such relevant information (including samples and evidence of the purchase of products and materials such as goods receipts) as may be required by WRAS from time to time;

2.4.2. to notify WRAS of any changes to contact details (including current email addresses), company details or business changes that relate to the Approved Product;

2.4.3. to notify WRAS immediately of any changes relating to the Application / Approved Product, its manufacture, intended use or method of installation which could affect the compliance of the Product or its Approval by WRAS;

2.4.4. to ensure that no changes or modifications to the Application / Approved Product, markings, assembly or range of products/fittings, including changes, substitutions or modification to the materials of construction, components or sub assemblies ("Modifications") are made without the Applicant / Approval Holder first notifying WRAS. Modifications include but shall not be limited to design changes, changes in materials and/or suppliers of materials, changes to the site of manufacture and changes to marking;

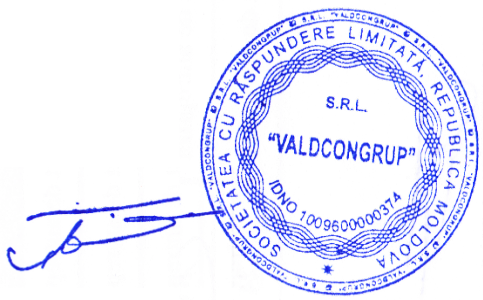
2.4.5. to provide WRAS with full details of any proposed Modifications and if required, supply Samples for testing and reassessment. Failure to comply with this condition will immediately invalidate a previously granted Approval. WRAS also reserves the right to withdraw an Approval with immediate effect where WRAS considers that the Modification may affect the validity of an existing Approval for any reason;

2.4.6. to ensure that all products bearing the Certification Mark conform exactly with the Sample in respect of which WRAS Approval has been granted ("Approved Sample") and so that each product/unit manufactured by or on behalf of the Approval Holder which is to be attributed with WRAS Approval is capable of satisfying all of the same tests and other criteria applied to the Approved Sample;

2.4.7. to adhere to these Standard Terms of Approval in relation to all Approved Products.

2.5. The Approval Holder accepts that the Approval granted may be subject to audit by WRAS Ltd, either as part of routine or investigative auditing activity and the Approval Holder shall co-operate fully with WRAS for this purpose. The Approval Holder shall reimburse WRAS for all reasonable costs incurred in connection with the audit.

2.6. It is the Approval Holder's responsibility to draw the attention of purchasers and installers to any installation requirements or notes that apply to their Approved Products, assemblies or range of products as a condition of Approval and to advise them that failure to install in accordance with these requirements will invalidate their approval and could result in contravention of the Water Supply (Water Fittings) Regulations 1999, The Water Supply (Water Fittings) (Scotland) Byelaws 2014 and Water Supply (Water Fittings) Regulation (Northern Ireland) 2009.



3. WRAS Product Approvals

3.1. These Standard Terms of Approval form the agreement between WRAS and the Applicant / Approval Holder in respect of Applications and Approvals.

3.2. WRAS Approvals are only granted to those Products, assemblies or ranges of Products which satisfy the Regulators' Specification and requirements of the Water Supply (Water Fittings) Regulations 1999, The Water Supply (Water Fittings) (Scotland) Byelaws 2014 and Water Supply (Water Fittings) Regulation (Northern Ireland) 2009 and any other applicable requirements of WRAS from time to time. WRAS Approvals are granted at the sole discretion of the UK Water Suppliers acting through their representatives on the Committee and its sub-group, PAG. No liability is accepted by WRAS Ltd, the Committee or PAG to any party which may arise as a result of a refusal to grant an Approval or revocation of an existing Approval.

3.3. WRAS Approval indicates that provided the Product is installed in accordance with the manufacturer's instructions and any Approval Scheme Installation Requirements and Notes, the UK Water Suppliers accept that it is 'of an appropriate quality and standard' in accordance with Regulation/Byelaw 4(1)(a) of the Water Supply (Water Fittings) Regulations 1999, The Water Supply (Water Fittings) (Scotland) Byelaws 2014 and Water Supply (Water Fittings) Regulation (Northern Ireland) 2009.

3.4. WRAS Approval will only be granted to production Samples. A prototype or preproduction Sample may only be submitted for 'approval in principle', and retesting may be required when submitted as a production Sample.

3.5. Unless terminated or extended in accordance with these Standard Terms of Approval, each WRAS Approvals is valid for the five year term stated in the Approval Letter ("Approval Period").To extend a WRAS Approval beyond the initial five year term, the Approved Product must be re-assessed and where necessary re-tested before expiry of the current five year term. Approval Holders will be advised that the Product is due for re-assessment by email or letter but it remains the sole responsibility of the Approval Holder to maintain a current and valid WRAS Approval

3.6. Only Products which have been tested appropriately, approved and listed by the Scheme are WRAS Approved Products®.

3.7. Only those Products described and listed under the heading 'model' in the approval documentation and Directory entry, are approved by WRAS and covered by the scope of the Approval.

3.8. The scope of an Approval does not extend to rebranded products unless otherwise agreed by WRAS.

3.9. Approval Holders must ensure that individually Approved Products, components and materials incorporated or used in the construction of their approved product retain their Approval throughout the Approval period of their approved product. Where Modifications are required WRAS must be informed and the Modifications approved in accordance with clause 2.4.4 and 2.4.5 above).

3.10. Where an Approved Product has its Approval renewed up to nine months before the current approval expires, the renewed Approval can run for five years from the date of expiry of the current one, provided that this does not conflict with the guidelines for processing Applications published in the WRAS Guidance documents.

3.11. An Approval is only valid if the Approved Product is manufactured and installed during the Approval Period.

4. Applications

4.1. All applications for WRAS Approval must be submitted using the appropriate official WRAS Application form (the 'F2' form is available from the WRAS website www.wras.co.uk/approval.asp).

4.2. All Applications for WRAS Approval must be supported by schematic diagrams, or acceptable alternatives, which in addition to illustrating the arrangement of the Product clearly show the water supply connections, any discharge points, including overflows and waste discharges and the water pathway through the Product. Installation guides and manuals, where applicable, and photographs of the Product(s) and markings suitable for inclusion in the on-line Directory (preferably in a digital format) are also required.

4.3. Applicants must complete a schedule of materials (se section 10 of the Application Form). All component parts of a product, including solder, thread sealant tape, lubricant and grease, which come into contact with water which is required to be wholesome must be listed. Applications must contain all the information required by WRAS before being presented to the PAG. (See WRAS Guidance documentation for further information.)

4.4. The Application Form must include details of any Agents appointed by the Applicant detailing the scope of the Agent's authority. The Applicant undertakes to ratify all acts and omissions of the Agent in connection with the Application / Approval and to indemnify WRAS for any losses incurred as a result of any breach of these Standard Terms of Approval and by the Applicant and/or its Agent(s).

4.5. Application forms will be valid for up to 12 months from date of signature, after which time confirmation will be required that the information provided is up-to-date.

5. Fees

WRAS charges an administration fee ("WRAS Fee") for processing an Application. Details of the WRAS Fee are available from WRAS on request. Where applicants are using a Test Facility to project manage their application, WRAS will collect this fee from the Test Facility. In such cases, this fee is usually included in the charges made by the Test Facility to the Applicant, but it is the Applicant's responsibility to confirm this and to ensure that the WRAS Fee is discharged in full.

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 Ltd all sums due or committed up to the date of withdrawal.

6.3. WRAS will retain a copy of the F2 Application Form for the entire duration of the Approval Period (including any renewal period granted by WRAS) and for up to 5 years after expiry of the Approval Period.

7. 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. Subject to any confidential information or other intellectual property belonging to the Applicant, all Application forms are the property of WRAS Ltd.

8. Confidentiality

8.1. Without prior written consent, both WRAS and the Applicant undertake not to divulge to any third party any information which was designated as confidential by the owner at the time it was made available ("Confidential Information").

8.2. It is acknowledged and agreed that WRAS shall be entitled to retain information provided by an Applicant including any test results / analyses of the Confidential Information for up to seven years following expiry of any approvals granted and/or renewed by WRAS provided that the Confidential Information is kept confidential at all times in accordance with this letter.

9. Performance testing

9.1. WRAS will only accept applications which include test reports covering in full the Scheme's acceptance criteria. (See WRAS Guidance documentation for further information.)

9.2. Products must be tested in accordance with the requirements identified in the Test Code Sheet (TCS) matrix published on the WRAS website or as notified by WRAS Ltd.

9.3. Where a product is an assembly of components, all individual constituent components must satisfy the TCS 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. Consequently should an Applicant wish to obtain Approval for use with a variety of pipe materials at a range of maximum working pressures and temperatures, testing must include these variables. (See WRAS Guidance Documents for further information.)

9.6. Mechanical testing of products must have been completed no more than two years before the report is presented to the PAG.

10. Samples

10.1. A Sample should have been manufactured no more than 12 months before the date of its receipt by the Test Facility (please refer to the WRAS Guidance for further information.)

10.2. In the case of product ranges, or products manufactured or assembled at more than one site representative Samples must be tested (please see WRAS Guidance documentation for further information).

10.3. Where alternative materials are used testing of these variants shall only be undertaken where they could have an impact upon the opacity, endurance or pressure testing appropriate to that product. (Please refer to the WRAS Guidance documentation for further information.)

11. Markings

11.1. It is a condition of WRAS Product Approval that all products be adequately and consistently marked to facilitate identification. (See WRAS Guidance documentation for further information.)

12. Testing Failure

12.1. Should a Product undergoing mechanical performance testing fail to satisfy the requirements of an individual test code sheet then a record of the failure will be reported to WRAS by the Test Facility. 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 which failed. (See WRAS Guidance documentation for further information.)

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 the PAG. 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 code sheet 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. An outright failure would only occur if the replacement example failed the same test. (Please refer to the WRAS Guidance documentation for further information).

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 issue a certificate within two weeks of a product gaining Approval. Normally only one certificate per directory entry will be released however in certain circumstances (at the sole discretion of WRAS and subject to payment of an additional fee) two maybe issued. (See WRAS Guidance documents for further information.)

16.2. WRAS Approval certification is acceptable evidence of compliance of the Product with the requirements of Regulation/Byelaw 4. WRAS will only issue amended certification on return of the original, unless WRAS accepts that there is a genuine reason why this cannot be done.

17. Directory entries

17.1. Duplicate directory entries for products are not permitted.

17.2. All recently approved WRAS listings will be added to the on line WRAS Product & Material Directory within two weeks of them gaining Approval.

17.3. All expired Approvals will be deleted from the Directory within four weeks following their expiry dates.

18. Alterations and additions to an existing approval

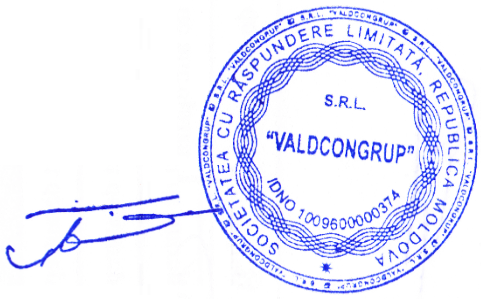
18.1. All requests for alterations or addition to a current Approval should be made directly to WRAS. Any controversial applications for revision to an Approval will be determined by the PAG.

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. 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 not breached. (See WRAS Guidance documentation for further information.)

19. Secondary Approvals

Approval Holders can apply for Secondary Approvals for their Factors. (See WRAS Guidance documentation for further information.) Any Secondary Approvals granted shall be governed by these Standard Terms of Approval and the Approval Holder shall ensure that all Factors adhere to these Standard Terms of Approval.



20. WRAS Approved Product logo

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").

20.2. Approval Holders acknowledge that WRAS is the owner of the Certification Marks and that they shall not do anything which may be taken to indicate that they have any right or interest in the Certification Marks other than as set out in these Standard Terms of Approval.

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. The Certification Marks indicate that the UK Water Industry have endorsed the product detailed in the WRAS Product and Materials Directory as described in clause 3.2.

20.5. 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

20.6. Approval Holders are entitled to use the Certification Markson the packaging, promotional literature and point of sale advertising for Approved Products.

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.

20.9. The Approval Holder shall not sub-licence, assign, transfer or otherwise deal with the Certification Marks other than on these Licence Terms.

20.10. The Approval Holders 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.

20.11. The Approval Holder at all times remains responsible for the correct use of the Certification Marks by its Factors.

21. Withdrawal of Approvals

21.1. WRAS reserves the right to withdraw an Approval in the following circumstances:

21.2. where there has been a breach by the Applicant / Approval Holder of any of its obligations in clause 2 above or any other provision of these Standard Terms of Approval;

21.3. where there has been a change in any relevant law, regulation or any other requirement which affects the issue of WRAS Approvals from time to time.

21.4. Where PAG considers that an existing Approval was granted incorrectly, or becomes invalid, or requires amendment, WRAS reserves the right to suspend, amend or cancel the Approval, to amend or remove details of it from the WRAS Product and Materials Directory and to require the return of the WRAS Approval certificate. At its sole discretion, WRAS may publish details of the withdrawal, amendment or suspension of an Approval.

22. Limitation of Liability

22.1. Nothing in these Standard Terms of Approval shall limit or exclude WRAS's liability for:

22.1.1. death or personal injury caused by its negligence, or the negligence of its employees, agents or subcontractors;

22.1.2. fraud or fraudulent misrepresentation; or

22.1.3. breach of the terms implied by section 2 of the Supply of Goods and Services Act 1982.

22.2. 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 loss of profits, loss of sales or business, loss of agreements or contracts, loss of or damage to goodwill or for any indirect or consequential loss arising under or in connection with any Application or Approval.

22.3. WRAS's total liability to the Applicant / Approval Holder in respect of all other losses arising under or in connection with any Application or Approval, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, shall not exceed the sum of the WRAS Fee paid the relevant Applicant / Approval Holder to WRAS.

22.4. Except as set out in these Standard Terms of Approval, all warranties, conditions and other terms implied by statute or common law are, to the fullest extent permitted by law, excluded.

23. Disputes & Appeals

23.1. Applicants or Approval Holders who have a complaint about the refusal, suspension or withdrawal of an Approval or conditions attached to an Approval, or about other aspects of the WRAS Approval Scheme, should ask the WRAS Approvals Manager to investigate their complaint. The Approvals & Enquiries Manager will take action as he or she considers appropriate. Where this does not resolve the complaint, Applicants/Approval Holders should write to the Managing Director of WRAS with details of their complaint. If an Applicant/Approval Holder is dissatisfied with the way a complaint has been dealt with by the Managing Director, the Applicant/Approval Holder may request a review by the Technical Committee Chairman. The Chairman may appoint a panel with relevant experience to investigate the complaint and make a recommendation. The decision of the Chairman in determining such complaints shall, save in the case of manifest error or omission, be final and binding on the parties.

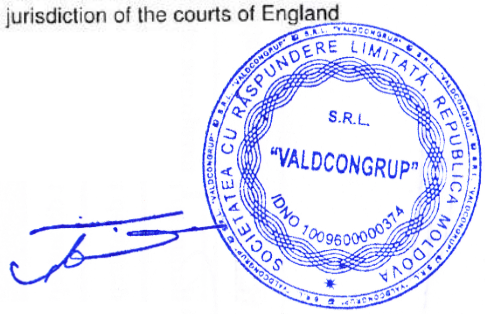
24. General

24.1. Any decision, requirement or notification under these Standard Terms of Approval shall be given by in writing (which shall include email) by or on behalf of the party giving it.

24.2. WRAS may revise these Standard Terms of Approval from time to time in order to reflect changes in relevant laws and other regulatory and Scheme requirements. Whenever WRAS revises these Standard Terms of Approval, WRAS will notify you in writing (which may include email where we have been provided with an email address) and the updated terms Standard Terms of Approval will be uploaded onto the WRAS website www.wras.co.uk.

24.3. 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.

24.4. These Standard Terms of Approval 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..

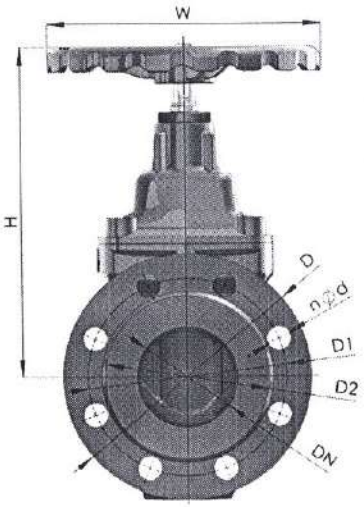


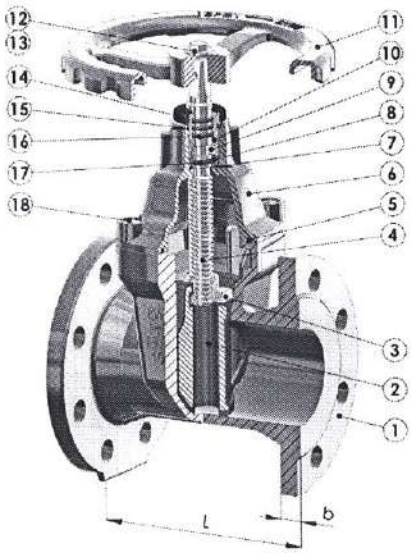
Resilient Seated Gate Valve / EN558 Series 14 / PN10/16/25 Non-Rising Stem

MODEL: GV-RS-S-14-I

Features

- Stem sealing package with additional third O-ring ensures better water tightness
- Replaceable O-rings under pressure according to ISO 7259
- Double lead driving thread made by rolling ensures smooth, quick operation and low torque
- Rubber encapsulated wedge providing seat tightness rate A (acc. to EN 12266-1) (acc. to EN 12266-1)
- Bonnet gasket wrapping each bolt providing better isolation from environment
- Completely free and full bore design ensures self-cleaning and low pressure loss
- Clockwise closing direction, non-rising stem
- Fusion bonded epoxy coated inside and outside
- Color: Blue RAL 5005





Technical Specifications

- Design: EN 1074-1 and 2; EN 1171
- Face to Face: EN 558 / ISO 5752 -14 base series
- Flanges: EN 1092-2 PN10/16
- Hydraulic test to EN12266-1
- Seat Test Pressure: 11/17.6/27,5 bar
- Shell Test Pressure:15/24/37,5 bar
- Media: Potable water and other non-aggressive fluids
- Nominal pressure designation PN10/16 bar
- Temperature range: 0°C...80°C

Optional extras

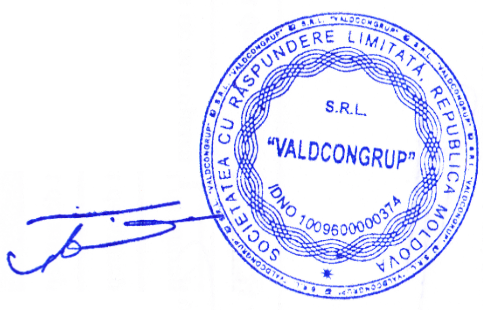
- Extension Spindle
- Handwheel
- Top flange in acc. to ISO 5210 B3
- Electric actuator

Material Specifications

Item	Part Name	Material	Grade	Item	Part Name	Material	Grade
1	Body	DI	EN-JS 1050 (EN- GJS-500-7) EN 1563	10	Stuffing nut	Brass	CW602 N (CuZn36Pb2As) EN 12167
2	Wedge	DI+Rubber	EN-JS 1050 (EN- GJS-500-7) EN 1563 +EPDM EN 681-1	11	Handwheel	DI	EN-JS 1050 (EN- GJS-500-7) EN 1563
3	Wedge nut	Brass	CW602 N (CuZn36Pb2As) EN 12167	12	Washer	SS	EN ISO 7089
4	Stem	SS	1.4021 (X20Cr13) EN10088-3-3	13	Bolt	SS	A2-70 EN ISO 4017
5	Gasket	Rubber	EPDM EN 681-1	14	Dust guard	Rubber	NBR EN 681-1
6	Bonnet	DI	EN-JS 1050 (EN- GJS-500-7) EN 1563	15	O-ring	Rubber	EPDM EN 681-1
7	O-ring	Rubber	EPDM EN 681-1	16	O-rings	Rubber	EPDM EN 681-1
8	Support ring	Brass	CW602 N (CuZn36Pb2As) EN 12167	17	O-ring	Rubber	EPDM EN 681-1
9	Semi collar	Brass	CW602 N (CuZn36Pb2As) EN 12167	18	Boltt	Steel Zn-plated SS (on request)	8.8 [illegible] A2-70

DN	face to face	End Flange (EN 1092-2)			hand wheel		No. of turns to close	Closing Torque (N.m)	Unit weight (kg)
	L	D1	D	n-d	W	F			
DN40	140	150	110	4-Ø 19	Ø 180	14	7,5	28	7
DN50	150	165	125	4-Ø 19	Ø 180	14	9	30	9,1
DN65	170	185	145	4-Ø 19	Ø 200	14	10	30	12,5
DN80	180	200	160	8-Ø 19	Ø 200	17	12	35	14,9
DN100	190	220	180	8-Ø 19	Ø 220	19	12	40	19,9
DN125	200	250	210	8-Ø 19	Ø 250	19	14,5	60	23,7
DN150	210	285	240	8-Ø 23	Ø 280	19	17	70	31,4
DN200	230	340	295	8-Ø 23 / 12-Ø 23	Ø 315	24	18,5	120	49,8
DN250	250	395 / 405	350 / 355	12-Ø 23 / 12-Ø 28	Ø 406	27	23	150	80,7
DN300	270	445 / 460	400 / 410	12-Ø 23 / 12-Ø 28	Ø 406	27	27	180	109,7
DN350	290	505 / 520	460 / 470	16-Ø 23 / 16-Ø 28	Ø 500	27	31	250	180
DN400	310	565 / 580	515 / 525	16-Ø 28 / 16-Ø 31	Ø 500	27	34,5	300	205
DN450	330	615 / 640	565 / 585	20-Ø 28 / 20-Ø 31	Ø 500	28	33	340	320
DN500	350	670 / 715	620 / 650	20-Ø 28 / 20-Ø 34	Ø 600	30	32	350	342
DN600	390	780 / 840	725 / 770	20-Ø 31 / 20-Ø 37	Ø 600	30	34,5	400	580

DN	D2	b
40	84	19
50	99	19
65	118	19
80	132	19
100	156	19
125	184	19
150	211	19
200	266	20
250	319	22
300	370	24.5
350	429	24.5/26.5
400	480	24.5/28
450	530/548	25.5/30
500	582/609	26.5/31.5
600	682/720	30/36



MATERIAL TEST CERTIFICATE

Mill Test EN 10204 - 3.1 B

wato

ISSUE : WATO BG
ADD: South Industrial Zone , 6100 Kazanlak , Bulgaria

DESCRIPTION GATE VALVES

Product:	Gate valve, non-rising stem, resilent seated flanged, series 14	Model:	Series: GV-RS(A)-XL-14-H	Size:		Working Pressure:	PN 16	Qty:	3

TYPICAL CHEMICAL ANALYSIS AND MECHANICAL TEST

Item №	Part Name	Material	Heat №	Chemical Analysis (%)														Mechanical Properties			
				C%	Si%	Mn%	P%	S%	Ni%	Mg%	Mo%	Al%	As%	Sn%	Pb%	Cu%	Cr%	Tensile Strenght MPa	Yield Strength Mpa	Elongation (%)	Hardness
1	Body	DI EN 1563 EN-JS-1050 (EN-GJS-500-7)	W.01.02.300.018.0337	3,647	2,575	0,266	0,068	0,015		0,055								531	332	9,50	HB 197
2	Bonnet	DI EN 1563 EN-JS-1050 (EN-GJS-500-7)		3,647	2,575	0,266	0,068	0,015		0,055								531	332	9,50	HB 197
3	Wedge	DI EN 1563 EN-JS-1050 (EN-GJS-500-7) + EPDM EN 681-1		3,647	2,575	0,266	0,068	0,015		0,055								531	332	9,50	HB 197
4	Stem	SS EN 10088-3 1.4021 (X20Cr13)		0,197	0,881	1,285	0,035	0,008									13,02	739	552	27,00	HB 207
5	Stem Ring	SS EN 10088-3 1.4301 (X5CrNi18-10)		0,051	0,624	1,775	0,029	0,010	9,341								18,66	601	239	41,00	HB 193
6	Wedge nut	Brass EN 12167 CW602N (CuZn36Pb2As)				0,073			0,226			0,031	0,074	0,08	2,224	62,08		312	143	45,50	HB 88
7	Support Ring	Brass EN 12167 CW602N (CuZn36Pb2As)				0,073			0,226			0,031	0,074	0,08	2,224	62,08		312	143	45,50	HB 88
8	Semi Collar	Brass EN 12167 CW602N (CuZn36Pb2As)				0,073			0,226			0,031	0,074	0,08	2,224	62,08		312	143	45,50	HB 88
9	Stuffing nut	Brass EN 12167 CW602N (CuZn36Pb2As)				0,073			0,226			0,031	0,074	0,08	2,224	62,08		312	143	45,50	HB 88
10	Hand Wheel	DI EN 1563 EN-JS-1050 (EN-GJS-500-7)		3,647	2,575	0,266	0,088	0,015										531	332	17,00	HB 197
11	Gasket	EPDM EN 681-1																			
12	O-rings	EPDM EN 681-1																			
13	Dust Guard	NBR EN 681-1														3,09	17,64	771	487	47,00	HB 201
14	Bolt,Washer	SS EN ISO 3506-1 1.4301 (X5CrNi18-10 A2-70)		0,048	0,793	1,636	0,033	0,016	14,21							0,006		390	244	25,00	HB 124
15	Bolt	CS EN 10025-2 1.0038 (S235JR Zn-plated)		0,134		1,21	0,036	0,029			0,26										

TEST CONDITIONS

TEST MEDIA	*WATER for Body, WATER for Seat*
BODY TEST	*Pt=24 bar*
LEAKAGE TEST SEAT	*Pt=17,6 bar*

Test type: Shell strength, Test P10. **Reference standart EN 12266-1** Required value: 24 bar. Measured value 25. **Test result: OK**
Test type: Shell tightness, Test P11. **Reference standart EN 12266-1** Required value: 24 bar. Measured value 25. **Test result: OK**
Test type: Seat tightness, Test P12. **Reference standart EN 12266-1** Required value: 17,6 bar. Measured value 18. **Test result: OK**
Test type: Verification of maximum operating torque MOT. **Reference standard:EN 1074-2.** Required value: MOT= 1xDN Nm. Measured valuve MOT=1xDN Nm. **Test result: OK**
Test Type: Verification of minimum strenght torque mST. **Reference standard:EN 1074-2.** Required value: mST= 2xMOT=2xDN Nm. Measured valuve mST=2xDN Nm. **Test result: OK**

CONTROL FOR DISPATCH

INSIDE CLEANING	*OK*
PAINTING & COLOR	*Internal and external epoxy coating, thickness 250÷500µm BLUE OK*
END COVER	*OK*
MARKING	*OK*

WATO BG declares for the a.m. products:

- **Compliance to the order confirmation;**
- **Dimensional and visual check according to our procedures of QMS as per standard ISO 9001:2015**
- **Compliance to the following international standards, laws and specifications:**

EN 1074-1 and EN 1074-2 for gate valve constructive elements EN 19 for marking of industrial metallic valves
EN 1561 for cast iron castings; EN 1563 for ductile iron castings; EN 10088-3 for stainless steel semi-finished products, hot formed; EN 10213:2007+A1:2016 for steel castings for pressure purposes; EN 10283:2010 for corrosion resisting steel castings; EN 12167 for copper and copper alloys profiles and bars for general purposes; EN ISO 3506-1 for corrosion-resistant stainless steel fasteners; EN 681-1 for elastomeric seals, made by vulcanized rubber EN 1092-2:2007 for flanged connections; EN 558-14 for face-to-face dimensions of valves; EN 12266-1 for under pressure tests: shell tests Pt=1,5xPFA; obturator tightness test Pt=1,1xPFA
Pressure Equipment Directive (PED) 2014/68/EU Risk Category art. Article 4(1)(c)(ii), second indent; Article 4, Paragraph 3 specially preclude the CE Marking of equipment covered by SEP category. Ordinance on the essential requirements and assessment of conformity of pressure equipment, adopted by Decree of the Council of Ministers No 91 of 21.04.2016 (in force as of 19.07.2016, promulgated in the State Gazette, issue 33 of 26 April 2016)

QUALITY ASSURANCE MANAGER: Konstantin Dragnev

WATO BG Ltd

Resilient Seated Gate Valve/EN558 Series 14/ PN16/VT 8; Non-Rising Stem

MODEL: GV-RS-S-14-H

Features

- Replaceable O-ring according ISO 7259
- Low torque operation and abrasion resistance
- Rubber encapsulated wedge
- Clockwise closing direction
- Fusion bonded epoxy coated inside and outside
- Product color: Blue RAL 5005 or RAL 5017
- Maximum temperature 80°C

Technical Specifications

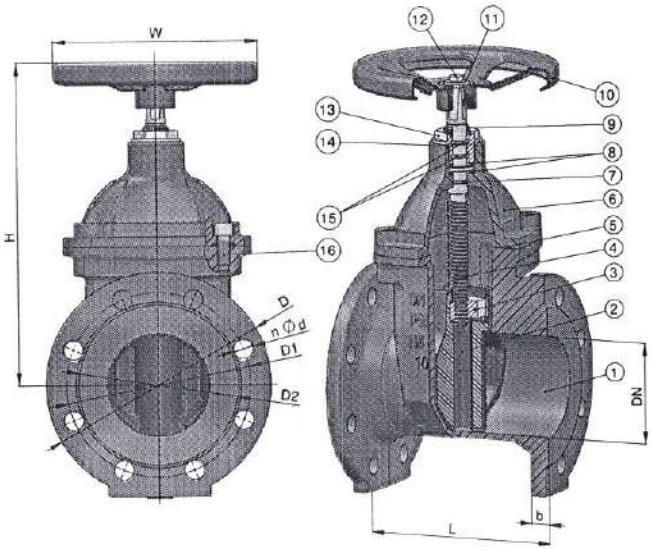
- Design: EN 1074-1 and 2; EN 1171
- Face to Face: EN 558 / ISO 5752 - 14 base series
- Flanges:EN 1092-2 PN10/16/25
- Hydraulic test to EN12266-1

Seat Test Pressure: 17.6/27.5 bar
Shell Test Pressure: 24/37.5 bar
Operating torque test

- Nominal pressure designation PN16/25 bar

Optional Extras

- Stem Cap
- Position Indicator
- Extension Spindle / T Key



Material Specifications

Item	Part Name	Material	Grade	Item	Part Name	Material	Grade
1	Body	Ductile iron	EN-JS-1050(EN-GJS-500-7) EN 1563	9	Dust guard	Rubber	NBR EN 681-1
2	Wedge	DI+Rubber	EN-JS 1050 (EN-GJS-500-7) EN 1563 + EPDM /NBR EN 681-1	10	Handwheel	Steel	S235 JR EN 10025
3	Wedge Nut	Brass	CW602 N (CuZn36Pb2As) EN 12167	11	Washer	Stainless steel	EN ISO 7089
4	Stem	Stainless steel	1.4021 (X20Cr13) EN10088-3	12	Bolt	Stainless steel	EN ISO 4017
5	Bonnet gasket	Rubber	EPDM/NBR EN 681-1	13	Stuffing nut	Brass	CW602 N (CuZn36Pb2As) EN 12167
6	Bonnet	Ductile iron	EN-JS 1050 (EN-GJS-500-7) EN 1563	14	O Ring	EPDM/NBR	EPDM/NBR EN 681-1
7	O Ring	EPDM/NBR	EPDM/NBR EN 681-1	15	O Ring	EPDM/NBR	EPDM/NBR EN 681-1
8	Thrust washer	Plastic	PA(Nylon) EN ISO 1874	16	Bolt	Stainless steel	EN ISO 4762

Dimensions

Size	L	D	D1	D2	b	n-d	H	W	W.T(kg)
DN40	140	150	110	84	19	4-19	240	160	9
DN50	150	165	125	99	19	4-19	250	160	11
DN65	170	185	145	118	19	4-19	265	180	14
DN80	180	200	160	132	19	8-19	300	200	17
DN100	190	220	180	156	19	8-19	350	220	21
DN125	200	250	210	184	19	8-19	410	220	29
DN150	210	285	240	211	19	8-23	480	250	38
DN200	230	340	295	266	20	12-23	550	280	58
DN250	250	405	355	319	22	12-28	650	320	90
DN300	270	460	410	370	24.5	12-28	710	350	120

Resilient Seated Gate Valve/EN558 Series 15/ PN16/PN25 Non-Rising Stem

MODEL: GV-RS-S-15-H

Features

- Replaceable O-ring according ISO 7259
- Low torque operation and abrasion resistance
- Rubber encapsulated wedge
- Clockwise closing direction
- Fusion bonded epoxy coated Inside and outside
- Product color: Blue RAL 5005 or RAL 5017
- Maximum temperature 80°C

Technical Specifications

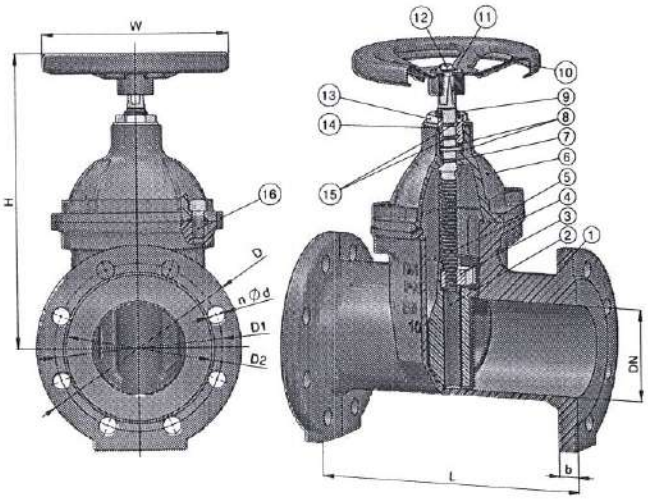
- Design: EN 1074-1 and 2; EN 1171
- Face to Face: EN 558 / ISO 5752 - 15 base series
- Flanges:EN 1092-2 PN10/16/25
- Hydraulic test to EN12266-1

Seat Test Pressure: 17.6/27,5 bar
Shell Test Pressure: 24/37,5 bar
Operating torque test

- Nominal pressure designation PN16/25 bar

Optional Extras

- Stem Cap
- Position Indicator
- Extension Spindle / T Key



Material Specifications

Item	Part Name	Material	Grade	Item	Part Name	Material	Grade
1	Body	Ductile iron	EN-JS-1050(EN-GJS-500-7) EN 1563	9	Dust guard	Rubber	NBR EN 681-1
2	Wedge	DI+Rubber	EN-JS 1050 (EN-GJS-500-7) EN 1563 + EPDM /NBR EN 681-1	10	Handwheel	Steel	S235 JR EN 10025
3	Wedge Nut	Brass	CW602 N (CuZn36Pb2As) EN 12167	11	Washer	Stainless steel	EN ISO 7089
4	Stem	Stainless steel	1.4021 (X20Cr13) EN10088-3	12	Bolt	Stainless steel	EN ISO 4017
5	Bonnet gasket	Rubber	EPDM/NBR EN 681-1	13	Stuffing nut	Brass	CW602 N (CuZn36Pb2As) EN 12167
6	Bonnet	Ductile iron	EN-JS 1050 (EN-GJS-500-7) EN 1563	14	O Ring	EPDM/NBR	EPDM/NBR EN 681-1
7	O Ring	EPDM/NBR	EPDM/NBR EN 681-1	15	O Ring	EPDM/NBR	EPDM/NBR EN 681-1
8	Thrust washer	Plastic	PA(Nylon) EN ISO 1874	16	Bolt	Stainless steel	EN ISO 4762

Dimensions

Size	L	D	D1	D2	b	n-d	H	W	W.T(kg)
DN40	240	150	110	84	19	4-19	240	160	10.5
DN50	250	165	125	99	19	4-19	250	160	12
DN65	270	185	145	118	19	4-19	265	180	15.5
DN80	280	200	160	132	19	8-19	300	200	19.5
DN100	300	220	180	156	19	8-19	350	200	25.5
DN125	325	250	210	184	19	8-19	4[illegible]	220	[illegible]
DN150	350	285	240	211	19	8-23	4[illegible]	2[illegible]	45
DN200	400	340	295	266	20	12-23	55[illegible]	280	[illegible]
DN250	450	405	355	319	22	12-28	650	[illegible]	106
DN300	500	460	410	370	24.5	12-28	710	350	148

BUREAU VERITAS
Certification

WATO BG OOD

Southern Industrial Zone, 6100 Kazanlak, Bulgaria

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the management system standard detailed below

ISO 14001:2015

Scope of certification

Design, manufacture and sales of Valves, fittings and accessories for Water supply systems.

Original cycle start date: **27 August 2012**

Recertification cycle start date: **27 August 2018**

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **26 August 2021**

Certificate No: BG.121308E/U Version 1, Revision date: **19 July 2018**

Certification body address: 5th Floor, 66 Prescot Street, London, E1 8HG, United Kingdom
Local Office: 81A, Bulgaria Blvd., 1404 Sofia, Bulgaria

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organization.
To check this certificate validity please call: +359 (2) 983 60 44

UKAS MANAGEMENT SYSTEMS
0008

SOCIETATEA CU RASPUNDERE LIMITATA REPUBLICA MOLDOVA
S.R.L. "VALDCONGRUP"
IDNO 1009600000037A

BUREAU VERITAS
Certification

WATO BG OOD

Southern Industrial Zone, 6100 Kazanlak, Bulgaria

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the management system standard detailed below

ISO 9001:2015

Scope of certification

Design, manufacture and sales of Valves, fittings and accessories for Water supply systems.

Original cycle start date: **24 July 2012**

Recertification cycle start date: **24 July 2018**

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **23 July 2021**

Certificate No: BG.121308Q/U Version 1, Revision date: **19 July 2018**

Certification body address: 5th Floor, 66 Prescot Street, London, E1 8HG, United Kingdom
Local Office: 81A, Bulgaria Blvd., 1404 Sofia, Bulgaria

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organization.
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UKAS MANAGEMENT SYSTEMS 0008

SOCIETATEA CU RĂSPUNDERE LIMITATĂ S.R.L. "VALDCONGRUP" IDNO 1009600000374 REPUBLICA MOLDOVA

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
Bulgaria
tel: 02 80 56 444
02 951 53 02
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
1431 Sofia
Bulgaria
tel: 02 80 56 444
02 951 53 02
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

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
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Director:
/Docent Hr. Griva, signed, sealed/

Page 2

Ministry of Health
National centre of public health and analysis
15 Academician Ivan Geshov Boulevard
1431 Sofia
Bulgaria
tel: 02 80 56 444
02 951 53 02
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.

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*

S.R.L. "VALDCONGRUP" IDNO 1009600000374

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
Изх. № 840/22.06.2012
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 годност на продукта за контакт с питейна вода/15.12.2003
5.Сертификат за съответствие на еластомер с изискванията на Британски стандарт BS 6920 (WRAS sertificate), 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
Вх. № 870 22. 06 20 12
Вх. №: ..... 20.....

SOCIETATEA CU RĂSPUNDERE LIMITATĂ "VALDCONGRUP" S.R.L. IDNO 1009600000374 REPUBLICA MOLDOVA

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

(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 ЛИ**

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

Accreditation date: Sofia, 18.06.2010

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

SOCIETATEA CU RASPUNDERE LIMITATA, REPUBLICA MOLDOVA
S.R.L.
"VALDCONGRUP"
IDNO 1009600000374

"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

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)

SOCIETATEA CU RASPUNDERE LIMITATA, REPUBLICA MOLDOVA
S.R.L.
"VALDCONGRUP"
IDNO 1009600000374

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		
10		Xylene	µg/l		<1	3	
11		Primary aromatic amines	µg/l	BDS EN ISO 17993	<0.01	0.3	Air temperature - 18° C. Air humidity – 38%
12	10-P/11	Colour	mg/l Pt	BDS EN ISO 7887 BDS 3424	0	without colour	
13		pH		BDS EN ISO 7027	7.2	6.5 - 9.5	
14		Turbidity	NTU		<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%

SOCIETATEA CU RASPUNDERE LIMITATA "VALDCONGRUP" S.R.L. IDNO 1009600000037A REPUBLICA MOLDOVA

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 item5.10.5 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/

SOCIETATEA CU RASPUNDERE LIMITATA, REPUBLICA MOLDOVA
S.R.L.
"VALDCONGRUP"
IDNO 1009600003TA

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 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

КАЗАНЛЪК

SOCIETATEA CU RASPUNDERE LIMITATA, REPUBLICA MOLDOVA
S.R.L.
"VALDCONGRUP"
IDNO 1009600003TA

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 № ...779/18.06.2010 г.. е неделима част от сертификата за акредитация,

общо ....6.... страници

Валиден до: .....30.06.2014 г. БСА рег. № .....267.ЛИ.....

Изпълнителен директор:

инж. Елза Янева

Дата на акредитация: София .....18.06.2010 г.

1797 София, бул. „Д-р Г.М. Димитров" 52А, тел. 02 873 5302, факс 02 873 5306
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.

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;
   - EPA 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 –pH
   - 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 Спасов, дм)

ЛАБОРЕКС ЕАД СОФИЯ

SOCIETATEA CU RASPUNDERE LIMITATĂ, REPUBLICA MOLDOVA
S.R.L. "VALDCONGRUP"
IDNO 1009600000374

8. РЕЗУЛТАТИ ОТ ИЗПИТВАНЕТО

8.1. Изпитвания в 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	Селен	µg/l	БДС EN ISO 9965	0,34 ± 0,03	10	Температура на въздуха – (20 ±3)^{0}C. Влажност на въздуха - 19%
2.		Арсен	µg/l	БДС EN ISO 11969	0,15 ± 0,02	10	
3.		Живак	µg/l	EPA 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	Температура на въздуха - 18^{0}C. Влажност на въздуха - 38%
8.		Епихлорхидрин	µg/l	БДС EN ISO 10301	< 0,01	10	
9.		Толуен	µg/l		< 0,01		
10.		Ксилен	µg/l		< 1	3	
11.		Първични ароматни амини	µg/l	БДС EN ISO 17993	< 0,01	0,3	

№ 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-Р/11	Цвят	mg/l Pt	БДС EN ISO 7887 БДС 3424	0	Без цвят	Температура на въздуха - 18^0C. Влажност на въздуха - 38%
13.		pH			7,2	6,5-9,5	
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)	Стойност и допуск на показателя*	Условия на изпитването
1.	10-Р/11	Окисляемост	mgO_2/l	ЛМИ: ЛБ-05-29-01	< 0,15	5,0	Температура на въздуха – (20±3)^{0}C Влажност на въздуха - 19%

ЗАБЕЛЕЖКА I: Ако е необходимо, протоколът от изпитване може да включва мнения и интерпретации за определени изпитвания (заключения не се допускат) само в съответствие с т. 5.10.5 от БДС EN ISO / IEC 17025.
ЗАБЕЛЕЖКА II: Резултатите от изпитванията се отнасят само за изпитваните образци. Извлечения от изпитвателния протокол не могат да се размножават без писменото съгласие на изпитвателната лаборатория. Копия от протоколите са валидни само с мокър печат на ИЦ "Лаборекс".
ЗАБЕЛЕЖКА III: *Стойностите на допускане на показателя в колона 7 са съгласно Наредба № 9 от 2001 г
ЗАБЕЛЕЖКА IV: : Знакът " – "означава, че показателят не се ограничава съгласно Наредба № 9 на МЗ, ДВ бр. 30/2001г (колона 7).
ЗАБЕЛЕЖКА V: Знакът "< 0,0..." означава, че не се доказва наличие при посочената граница на откриване на метода

Ръководители лаборатории: 1. ..... 2. .....
(доц. Златка Братанова, дх) (Лидия Мечкуева)

Ръководител на ИЦ "Лаборекс": .....
(Доц. д-р Александър Спасов, дм)

ПРИЛОЖЕНИЕ
Към Протокол No10/21.04.2014 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.

SOCIETATEA CU RASPUNDERE LIMITATĂ, REPUBLICA MOLDOVA
S.R.L.
"VALDCONGRUP"
IDNO 1009600000037A

NARODOWY INSTYTUT ZDROWIA PUBLICZNEGO
- PAŃSTWOWY ZAKŁAD HIGIENY

NATIONAL INSTITUTE OF PUBLIC HEALTH
- NATIONAL INSTITUTE OF HYGIENE

ZAKŁAD HIGIENY ŚRODOWISKA
DEPARTMENT OF ENVIRONMENTAL HYGIENE

24 Chocimska 00-791 Warsaw • Phone (22) 5421354; (22) 5421349 • Fax (22) 5421287 • e-mail: sek-zhk@pzh.gov.pl

ATEST HIGIENICZNY HK/W/0657/01/2015

HYGIENIC CERTIFICATE

ORYGINAŁ

Wyrób / product: **Zasuwy kołnierzowe z klinem o średnicach DN50-DN300**
Zasuwy gwintowane z klinem o średnicach DN25-DN50

Zawierający / containing: żeliwo szare lub sferoidalne, mosiądz/stal nierdzewną, EPDM, farbę proszkową epoksydową

Przeznaczony do / destined: montażu w instalacjach służących do przesyłania wody przeznaczonej do spożycia przez ludzi

Wymieniony wyżej produkt odpowiada wymaganiom higienicznym przy spełnieniu następujących warunków / is acceptable according to hygienic criteria with the following conditions:

- bez zastrzeżeń

Atest nie dotyczy parametrów technicznych i walorów użytkowych produktu /Hygienic certificate does not apply to technical parameters and utility of the product.

Wytwórca / producer:

Jarosław Halarewicz, Henryk Bogusz BOHAMET-ARMATURA Sp.J.
Ciele ul. Kościelna 2
86-005 Białe Błota

Niniejszy dokument wydano na wniosek / this certificate issued for:

Jarosław Halarewicz, Henryk Bogusz BOHAMET-ARMATURA Sp.J.
Ciele ul. Kościelna 2
86-005 Białe Błota

Atest może być zmieniony lub unieważniony po przedstawieniu stosownych dowodów przez którąkolwiek stronę. Niniejszy atest traci ważność po 2020-07-09 lub w przypadku zmian w recepturze albo w technologii wytwarzania wyrobu.

The certificate may be corrected or cancelled after appropriate motivation. The certificate loses its validity after 2020-07-09 or in the case of changes in composition or in technology of production.

Data wydania atestu higienicznego: 9 lipca 2015

The date of issue of the certificate: 9th July 2015

Kierownik Zakładu Higieny Środowiska
dr Bożena Krogulska

BOHAMET - ARMATURA Spółka z ograniczoną odpowiedzialnością

Ciele, ul. Kościelna 2, 86-005 Białe Błota

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tel. +48 (52) 581 67 51 / 53 / 54

ISO 9001

LIMITED WARRANTY

3-Year Limited Warranty

„BOHAMET-ARMATURA" SP.J warrants its Underground DN 100 type HP-M Fire Hydrant to be free from defects in material and workmanship for a period of 3 years from the date of shipment, provided that the Underground DN 100 type HP-M Fire Hydrant was both: (1) under normal use and service and used for the purposes and under the conditions for which such Underground Hydrant DN 100 type HP-M Fire Hydrant is intended; and (2) installed and maintained according to „BOHAMET-ARMATURA" SP.J, and applicable local codes.

„BOHAMET-ARMATURA" SP.J obligations under this warranty are conditioned upon prompt written notice of the defect from the purchaser. If any Underground DN 100 type HP-M Fire Hydrant is proven to have failed to conform to the above stated warranty, „BOHAMET-ARMATURA" SP.J, at is sole option, shall refund, repair, or replace the defective Underground DN 100 type HP-M Fire Hydrant (F.O.B. the point of manufacture). „BOHAMET-ARMATURA" SP.J shall have the right to inspect the Underground DN 100 type HP-M Fire Hydrant for which a claim is made under this warranty. If „BOHAMET-ARMATURA" SP.J requests such an inspection, then the purchaser must return the Underground DN 100 type HP-M Fire Hydrant to „BOHAMET-ARMATURA" SP.J, transportation prepaid.

This warranty does not cover failure of any Underground DN 100 type HP-M Fire Hydrant caused by external forces such as, but not limited to, acts of God or the elements, civil insurrection, vandalism, vehicular or other impact, application of excessive torque to the operating mechanism, presence of foreign matter, or frost heave. The Purchaser shall assume all responsibility and expense for removal, re-installation, and shipping charges in connection with this warranty.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING SPECIFICALLY, THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ANY WARRANTIES OF NON-INFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL „BOHAMET-ARMATURA" SP.J BE RESPONSIBLE OR LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE. FURTHER, „BOHAMET-ARMATURA" SP.J HEREBY LIMITS ITS TOTAL LIABILITY TO THE VALUE OF THE Underground DN 100 type HP-M Fire Hydrant SOLD.

BOHAMET-ARMATURA Spółka z o.o.
Ciele ul. Kościelna 2, 86-005 Białe Błota
NIP [illegible]
KRS 0000750390

PROGRAM REGIONALNY
NARODOWA STRATEGIA SPÓJNOŚCI

WOJEWÓDZTWO KUJAWSKO-POMORSKIE

UNIA EUROPEJSKA
EUROPEJSKI FUNDUSZ ROZWOJU REGIONALNEGO

"VALDCONGRUP" S.R.L.