



Sofia EOOD

VAT: BG 130 30 41 38

ИПУ - СОФИЯ ЕООД

1618 София, бул. "Годор Каблешков" 6, Ат.18

тел. 02/ 981 05 66,

E-mail: ipu-sofia@ipu.bg; www.ipu.bg

IBAN № BG53 UNCR 7630 1039 293855

BIC код: UNCR BGSE

УНИКРЕДИТ БУЛБАНК АД

ОФЕРТА

№ 2022-25

До: АЕЦ Козлодуй ЕАД

Изх.№ 22.06.2022 г.

НВН: Г-н Г. Каменов - Експерт "Маркетинг"

Отн. Пазарна консултация № 49408

за "Доставка на нови стоманени шибърни арматури с електропривод за инсталация
за обработка на вода към брызгални басейни - VB68 - 79 S03,04,05,06"

Уважаеми Г-н Каменов, във връзка с горепосочената пазарна консултация Ви предлагаме следното:

Поз./ Pos.	Наименование/ Description	Кол./ Qty.	Ед.цена Лв/ Price/pc. BGN	Обща цена Лв./ Total price BGN
	Флуид: Вода; $t = 5 - 35^{\circ}\text{C}$; $p1 = 5 \text{ bara}$			
1	Шибър стоманен с електрозадвижване на фланци DN 150 PN 16 Материали: Корпус и капак: 1.0619 Седлови повърхнини: 13% Cr. Overlay Салников пакет: Графит Щок: 1.4021 Електропривод AUMA SA 14.2 Клас на защита: IP 68 3 phase, 380V 50 Hz T amb.: $-30^{\circ}\text{C} \dots +70^{\circ}\text{C}$ Клас на изолация H Присъединяване на фланци по EN 1092-1 B1 Изпитания: DIN EN 12266-1 Leakage Rate A	48	16 168.00	776 064.00
2	Резервни части за ел.привод SA 14.2:			
2.1	Ел.двигател/ el.motor	2	3 948.00	7 896.00

2.2	К-т пътни и моментни (муфтови) крайни изключватели	10	2 400.00	24 000.00
2.3	Управляващ блок с превключватели на момента/ - Control unit with torque switching heads and switches	10	3 950.00	39 500.00
2.4	Водеща (бугелна) втулка	3	1 160.00	3 480.00
	Общо/ Total:			850 940.00

ЦЕНИ: В лева без ДДС, DAP Козлодуй;
Срок на доставка: 24 седмици;
Начин на плащане: 100% до 30 дни след доставка и приемане без забележки;
Валидност: 3 месеца;
Гаранции: 24 месеца от монтаж, не повече от 36 месеца от доставка;
Документация при доставка: Декларации за произход и съответствие;
Инструкция за поддръжка, обслужване и ремонт,
Технически паспорт съдържащ:
- Технически характеристики, Чертежи и спецификация на частите,
Електрическа схема, Сертификати на материалите на основните
детайли, Протоколи от изпитания, Инструкция за съхранение.
Производител: MIAM GmbH, Magdeburg, Германия.
В цената е включено посещение в завода производител по време на изпитания на двама
специалисти на АЕЦ Козлодуй за 5 дни.

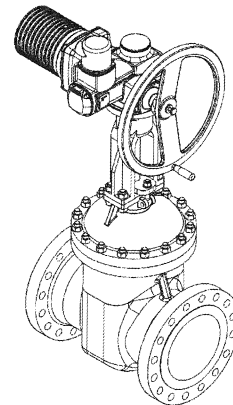
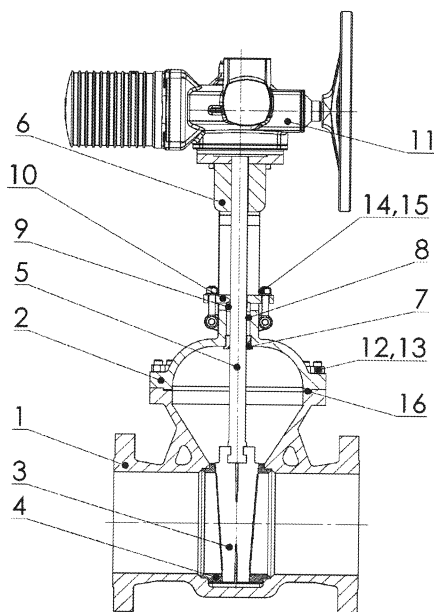
С уважение

ИПУ - София ЕООД
инж. Б. Райков - Управител

**Borislav
Raykov**

Digitally signed
by Borislav
Raykov
Date: 2022.06.22
14:05:43 +03'00'

Item	Descriptionn	Material / Type
1	Body	1.0619
2	Bonnet	1.0619
3	Wedge	1.0619
4	Wedge Seat	13% Cr hardfacing
5	Seat	F304
6	Plug Seat	17,5% Cr
7	Stem	1.4021
8	Yoke	A216 WCB
9	Back Seat	F304
10	Packing	Graphite
11	Gland Follower	F6
12	Gland Flange	A105 / A216 WCB
13	Actuator	AUMA SA14.2
14	Bolt	A193 Gr. B7
15	Hex. Nut	A194 Gr. 2H
16	Bolt	A193 Gr. B7
17	Hex. Nut	A194 Gr. 2H
18	Gasket	Spiral wound SS304+Graph.



Testing acc. DIN EN12266-1
Leakage Rate Class A acc. EN 12266-1

Dimensions in mm:

DN	PN	L	H	W	Note
				[kg]	
150	16	350	1400	130	Flanges acc. DIN EN1092-1 Form B1

Safeguard Note according to DIN ISO 16016

Erstellt	25.11.2021	M. Ihlw	Zusatzangabe (Benennung, Toleranz, usw.)		
Gepr.	25.11.2021	V. Ivanov			
Norm					
Maßstab:	1:	Ähnlich:	Ersatz für:		
MIFAM GmbH			GATE VALVE w/ Electric Actuator	Q210159-Rev00	
			Benennung	Zeichnungs-nr.	Page 1

MIAM® – Magdeburger Industriearmatur Manufaktur GmbH
Werner Heisenbergstr. 33 • D-39106 Magdeburg

MIAM® – Magdeburger
Industriearmatur
Manufaktur GmbH

// Geschäftsführer
Dr.-Ing. Matthias Ihlow
Thomas Gersch

// Kontakt
Werner Heisenbergstr. 33
39106 Magdeburg
Fon: +49 (0) 391 6 34 19 67-1
Fax: +49 (0) 391 6 34 19 67-99
Mail: info@miam-armaturen.de
Web: www.miam-armaturen.de

// Steuernummer
DE 279738712

// Handelsregister Stendal
HRB 17215

// Bankverbindung
Commerzbank AG Wolfsburg
IBAN: DE23 2694 1053
0710 1645 00
BIC: COBADEFXXX

Hypovereinsbank
IBAN: DE81 8002 0086
0030 3405 31
SWIFT: HYVEDEMM440

Stadtsparkasse Magdeburg
IBAN: DE84 8105 3272
0641 0305 84
SWIFT: NOLADE21MDG

Date: 14.06.2022

AUTHORIZATION LETTER

This letter confirms that IPU-Sofia EOOD, Sofia, Bulgaria, BG130304138 is granted the official right to sell products manufactured by MIAM – Magdeburger Industriearmatur-Manufaktur GmbH for Kozloduy NPP. Products manufactured by MIAM – Magdeburger Industriearmatur-Manufaktur GmbH and supplied by IPU-Sofia EOOD are under the manufacturer's warranty.



Managing Director
Magdeburger Industriearmatur-Manufaktur GmbH

Certificate

Manufacturer and Welding Shop acc. to AD 2000-Code

Certificate no.:

01 202 644/A-17 3003

Name and address of the
manufacturer:

Magdeburger Industriearmatur-Manufaktur GmbH
Werner-Heisenberg-Str., 33
D - 39106 Magdeburg

It is hereby certified that the manufacturer has furnished proof of the quality requirements. The above-mentioned company

- has facilities permitting manufacturing and inspection in conformity with the present technical standard,
- operates a quality system which guarantees that manufacturing and inspection of the products stated in our report are in conformity with the technical codes and regulations,
- employees qualified supervisory and inspection personnel.

Specifications:

AD 2000-Merkblatt HP 0;
under the Directive 2014/68/EU Annex I, Para. 3.1

Test Report no.:

H-200001

Scope:

Manufacturing of Pressure Equipment, see report

Manufacturing Plant:

Magdeburger Industriearmatur-Manufaktur GmbH
Werner-Heisenberg-Str., 33
D - 39106 Magdeburg

Valid until:

May 03, 2023

Cologne, April 23, 2020

Заличено на основание
ЗЗЛД

i.A. Eng. Achim Makowka
Certification body for welding manufacturers



TÜV Rheinland Industrie Service GmbH
Certification body for welding manufacturers
Am Grauen Stein, D-51105 Köln

M-010-E-Cert-HP0-Rev24

www.tuv.com

 **TÜVRheinland®**
Precisely Right.

Certificate

Inspection of the welding quality requirements according ISO 3834

Certificate no.:

01 202 644/A-17 3003/01

Name and address of the
manufacturer:

Magdeburger Industriearmatur-Manufaktur GmbH
Werner-Heisenberg-Str., 33
D - 39106 Magdeburg

It is hereby certified that the manufacturer has furnished
proof of the comprehensive quality requirements according to
the test basis. The mentioned company

- operates a quality system which ensures that the
manufacture and inspection of the products stated in our
report, are in compliance with applicable technical
standards and regulations;
- employs qualified supervisory and inspection personnel;
- has qualified welding processes and welding personnel;
- has adequate facilities permitting manufacture and
inspection of welded products.

Specifications:

EN ISO 3834-2

Scope:

The scope of the inspection and other relevant data are
given in the annex to the certificate.

Manufacturing Plant:

Magdeburger Industriearmatur-Manufaktur GmbH
Werner-Heisenberg-Str., 33
D - 39106 Magdeburg

Test Report no.:

H-200001

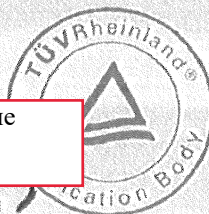
Valid until:

May 03, 2023

Cologne, April 23, 2020

Заличено на основании
33ЛД

i.A. Eng. Achim Makowka
Certification Body for Manufacturer Qualification



TÜV Rheinland Industrie Service GmbH
Certification Body for Manufacturer Qualification
Am Grauen Stein, D-51105 Köln

M-012-E-Zert-3834-2-Rev-224

www.tuv.com



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Annex

to the certificate according to ISO 3834

Certificate no.: 01 202 644/A-17 3003/1

Name and address of the manufacturer: **Magdeburger Industriearmatur-Manufaktur GmbH
Werner-Heisenberg-Str., 33
D - 39106 Magdeburg**

Specifications: EN ISO 3834-2

Scope of production: Manufacturing of
- Pressure Equipment or parts for pressure equipment
- Components for machine constructions
- Components for process engineering constructions

Welding process
acc. EN ISO 4063: 135; 141

Material group
acc. CEN ISO/TR 15608: 1.1; 5.1; 5.2; 6.4; 8.1

Responsible welding coordinator
acc. EN ISO 14731: Mr. Christop Meineke; Level C (IWE/IIW)

Substitute: Mr. Florian Sajontz; Level C (IWE/IIW)

Mr. Ulrich Höltge; Level C (EWE/EFW)

Remarks: This annex is only valid in combination with the ISO 3834 certificate and does not replace the supporting documents required under the scope of regulated by law.

Cologne, April 23, 2020

Explanations:

B - basic technical knowledge, S - special technical knowledge, C - comprehensive technical knowledge according to ISO 14731

FULL QUALITY ASSURANCE CERTIFICATE

Certificate No.:
3470-2013-CE-GER-ACCREDIA

Initial date:
24 October, 2013

Validity:
19 November, 2019 – 23 October, 2022

This certificate consists of 4 pages

This is to certify that the quality system of



Magdeburger Industriearmatur-Manufaktur GmbH

Werner-Heisenberg-Str. 33, D-39106 Magdeburg - Germany

has been assessed and found to comply with respect to the conformity assessment procedure described in:

ANNEX III MODULE H OF DIRECTIVE 2014/68/EU ON PRESSURE EQUIPMENT

This certificate is valid for the following scope:

Type of Pressure Equipment
Product Name

Industrial Valves
Butterfly Valves, Plug Valves, Check
Valves, Globe Valves, Gate Valves, Line-
Blind Valves, Strainer Valves, Ball valves

Place and date:
Vimercate 21 November, 2019



SGQ-N° 003 A
SGA-N° 003 D
SGE-N° 003 F
SGR-N° 004 F
EMAG-N° 005 P
PRD-N° 005 B
PRG-N° 004 C
SSI-N° 002 G

Member of MIA (IA) per gli schemi di accreditamento
SGQ, SGA, PRD, PRG, SGR, GNG, LAB e LAT, IS MIA (AF)
per gli schemi di accreditamento SGQ, SGA, SGE, FGM
e PRD e di MIRA (LAC) per gli schemi di accreditamento
LAB, MEG, LAT e ISP.

For the notified body 0496:
DNV GL Business Assurance Italia
S.r.l.

Заличено на основании
33ЛД

Nicola Privato
Management Representative

Certificate No.: 3470-2013-CE-GER-ACCREDIA
 Place and date: Vimercate 21 November, 2019
 Revision No: 04

JurisdictionJurisdiction

Application of Directive 2014/68/EU and Decreto Legislativo n. 26 of 15 February 2016

Certificate history

Revision	Description	Issue date
00	Original Certificate	24 October, 2013
01	Recertification	11 November, 2016
02	Scope extension (ball valves)	12 July, 2019
04	Recertification	21 November, 2019

Products covered by this certificate

Product name	Product description	Type of material	Applied product standard
Butterfly Valves	Size: up to DN600, NPS24. Rating: PN 10 – 160, Class 150 – 900.	Materials: 1.0619, 1.5638, 1.1138, 1.5419, 1.7357, 1.6793, 1.6580, 1.7379, 1.7363, 1.7389, 1.4408, 1.4308, 1.4306, 1.4404, 2.4365, 2.4602, 2.4816, 2.4819, 2.4856. A216WCB/WCC, A352LC3, A352LCC, A217WC1, A217WC6, A217WC9, A217C5, A217C12, A351CF8M, A3518, A351CF3, A351CF3M, A351CH20, 20CH20N14S2L, 1.0460, 1.0566, 1.5415, 1.7335, 1.7380, 1.7383, 1.4404, 1.4301, 1.4306, 1.4435, 1.4462, 1.4571, 1.4828. A105, A350LF2, A350LF3, A350LF6, A182F1, A182F5, A182F9, A182F11, A182F22, A182F91, A182F92, A182F304(L), A182F316(L/TI), A182F321, A182F347	DIN, EN, ISO, ASME, API, GOST
Plug Valves	Size: up to DN 900, NPS 36. Rating: PN 10 – 400, Class 150 – 2500	Materials: 1.0619, 1.5638, 1.1138, 1.5419, 1.7357, 1.6793, 1.6580, 1.7379, 1.7363, 1.7389, 1.4408, 1.4308, 1.4306, 1.4404, 2.4365, 2.4602, 2.4816, 2.4819, 2.4856. A216WCB/WCC, A352LC3, A352LCC, A217WC1, A217WC6, A217WC9, A217C5, A217C12, A351CF8M, A3518, A351CF3, A351CF3M, A351CH20, 20CH20N14S2L, 1.0460, 1.0566, 1.5415, 1.7335, 1.7380, 1.7383, 1.4404, 1.4301, 1.4306, 1.4435, 1.4462, 1.4571, 1.4828. A105, A350LF2, A350LF3, A350LF6, A182F1, A182F5, A182F9, A182F11, A182F22, A182F91, A182F92, A182F304(L), A182F316(L/TI), A182F321, A182F347	DIN, EN, ISO, ASME, API, GOST

Certificate No.: 3470-2013-CE-GER-ACCREDIA
Place and date: Vimercate 21 November, 2019
Revision No: 04

Check Valves	Size: up to DN 900, NPS 36. Rating: PN 10 – 2500, Class 150 - 4500	Materials: 1.0619, 1.5638, 1.1138, 1.5419, 1.7357, 1.6793, 1.6580, 1.7379, 1.7363, 1.7389, 1.4408, 1.4308, 1.4306, 1.4404, 2.4365, 2.4602, 2.4816, 2.4819, 2.4856. A216WCB/WCC, A352LC3, A352LCC, A217WC1, A217WC6, A217WC9, A217C5, A217C12, A351CF8M, A3518, A351CF3, A351CF3M, A351CH20, 20CH20N14S2L, 1.0460, 1.0566, 1.5415, 1.7335, 1.7380, 1.7383, 1.4404, 1.4301, 1.4306, 1.4435, 1.4462, 1.4571, 1.4828. A105, A350LF2, A350LF3, A350LF6, A182F1, A182F5, A182F9, A182F11, A182F22, A182F91, A182F92, A182F304(L), A182F316(L/TI), A182F321, A182F347	DIN, EN, ISO, ASME, API, GOST
Globe Valves	Size: up to DN 500, NPS 20. Rating: PN 10 – 2500, Class 150 - 4500	Materials: 1.0619, 1.5638, 1.1138, 1.5419, 1.7357, 1.6793, 1.6580, 1.7379, 1.7363, 1.7389, 1.4408, 1.4308, 1.4306, 1.4404, 2.4365, 2.4602, 2.4816, 2.4819, 2.4856. A216WCB/WCC, A352LC3, A352LCC, A217WC1, A217WC6, A217WC9, A217C5, A217C12, A351CF8M, A3518, A351CF3, A351CF3M, A351CH20, 20CH20N14S2L, 1.0460, 1.0566, 1.5415, 1.7335, 1.7380, 1.7383, 1.4404, 1.4301, 1.4306, 1.4435, 1.4462, 1.4571, 1.4828. A105, A350LF2, A350LF3, A350LF6, A182F1, A182F5, A182F9, A182F11, A182F22, A182F91, A182F92, A182F304(L), A182F316(L/TI), A182F321, A182F347	DIN, EN, ISO, ASME, API, GOST
Gate Valves	Size: up to DN 900, NPS 36. Rating: PN 10 – 630, Class 150 - 4500	Materials: 1.0619, 1.5638, 1.1138, 1.5419, 1.7357, 1.6793, 1.6580, 1.7379, 1.7363, 1.7389, 1.4408, 1.4308, 1.4306, 1.4404, 2.4365, 2.4602, 2.4816, 2.4819, 2.4856. A216WCB/WCC, A352LC3, A352LCC, A217WC1, A217WC6, A217WC9, A217C5, A217C12, A351CF8M, A3518, A351CF3, A351CF3M, A351CH20, 20CH20N14S2L, 1.0460, 1.0566, 1.5415, 1.7335, 1.7380, 1.7383, 1.4404, 1.4301, 1.4306, 1.4435, 1.4462, 1.4571, 1.4828. A105, A350LF2, A350LF3, A350LF6, A182F1, A182F5, A182F9, A182F11, A182F22, A182F91, A182F92, A182F304(L), A182F316(L/TI), A182F321, A182F347	DIN, EN, ISO, ASME, API, GOST
Line-Blind Valves	Size: up to DN 900, NPS 36. Rating: PN 10 – 160, Class 150 - 900	Materials: 1.0619, 1.5638, 1.1138, 1.5419, 1.7357, 1.6793, 1.6580, 1.7379, 1.7363, 1.7389, 1.4408, 1.4308, 1.4306, 1.4404, 2.4365, 2.4602, 2.4816, 2.4819, 2.4856. A216WCB/WCC, A352LC3, A352LCC, A217WC1, A217WC6, A217WC9, A217C5, A217C12, A351CF8M, A3518, A351CF3,	DIN, EN, ISO, ASME, API, GOST

Certificate No.: 3470-2013-CE-GER-ACCREDIA
Place and date: Vimerate 21 November, 2019
Revision No: 04

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Strainer Valves	Size: up to DN 600, NPS 24. Rating: PN 10 – 2500, Class 150 - 4500	Materials: 1.0619, 1.5638, 1.1138, 1.5419, 1.7357, 1.6793, 1.6580, 1.7379, 1.7363, 1.7389, 1.4408, 1.4308, 1.4306, 1.4404, 2.4365, 2.4602, 2.4816, 2.4819, 2.4856. A216WCB/WCC, A352LC3, A352LCC, A217WC1, A217WC6, A217WC9, A217C5, A217C12, A351CF8M, A3518, A351CF3, A351CF3M, A351CH20, 20CH20N14S2L, 1.0460, 1.0566, 1.5415, 1.7335, 1.7380, 1.7383, 1.4404, 1.4301, 1.4306, 1.4435, 1.4462, 1.4571, 1.4828. A105, A350LF2, A350LF3, A350LF6, A182F1, A182F5, A182F9, A182F11, A182F22, A182F91, A182F92, A182F304(L), A182F316(L/TI), A182F321, A182F347	DIN, EN, ISO, ASME, API, GOST
Ball Valves	Size: up to DN600 / NPS24, PN: up to PN250 / Class1500	Materials: 1.0619, 1.5638, 1.1138, 1.5419, 1.7357, 1.6793, 1.6580, 1.7379, 1.7363, 1.7389, 1.4408, 1.4308, 1.4306, 1.4404, 2.4365, 2.4602, 2.4816, 2.4819, 2.4856. A216WCB/WCC, A352LC3, A352LCC, A217WC1, A217WC6, A217WC9, A217C5, A217C12, A351CF8M, A3518, A351CF3, A351CF3M, A351CH20, 20CH20N14S2L, 1.0460, 1.0566, 1.5415, 1.7335, 1.7380, 1.7383, 1.4404, 1.4301, 1.4306, 1.4435, 1.4462, 1.4571, 1.4828. A105, A350LF2, A350LF3, A350LF6, A182F1, A182F5, A182F9, A182F11, A182F22, A182F91, A182F92, A182F304(L), A182F316(L/TI), A182F321, A182F347	DIN, EN, ISO, ASME, API, GOST

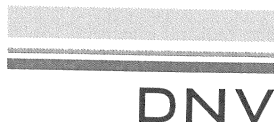
Sites covered by this certificate

Site name	Site Address	Audited by	Date	Report ref
MIAM – Magdeburger Industriearmatur-Manufaktur GmbH	Werner-Heisenberg-Str. 33 D-39106 Magdeburg, Germany	Dr. Mike Kersten	02.-03.09.2019	Report dated 11.09.2019

Terms and conditions for the certificate

Valid terms and conditions are found in the DNV GL's PED Certification Rules

END OF CERTIFICATE



MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:
10000407637-MSC-RvA-DEU

Initial certification date:
30 January 2012
Expiry date of last certification cycle:
29 January 2021
Date of last recertification:
12 January 2021

Valid:
26 February 2021 – 29 January 2024

This is to certify that the management system of



**Magdeburger Industriearmatur-Manufaktur
GmbH**

Werner- Heisenberg Straße 33, 39106 Magdeburg, Germany

has been found to conform to the Quality Management System standard:
ISO 9001:2015

This certificate is valid for the following scope:

Design, manufacturing and sales of industrial valves

Place and date:
Barendrecht, 01 March 2021



For the issuing office:
DNV
Zwolsseweg 1, 2994 LB Barendrecht, Netherlands

Заличено на
основание ЗЗЛД

Erie Koek
Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

ACCREDITED UNIT: DNV GL Business Assurance B.V., Zwolsseweg 1, 2994 LB, Barendrecht, Netherlands - TEL: +31(0)102922689. www.dnvgl.com/assurance