



CTV Armaturen & Penstocks GmbH

Company Profile

May. 2023



Official Manufacturer No: 27173

Your reliable partner on all aspects of water and waste water matters



History & Milestones

- 1999: Formaly company Center Tech Valves GmbH (CTV) being split-up into 2 separate companies, being: CTV Armaturen (Center Tech Valves) GmbH and Center Tech Armaturen (CTA) GmbH
- 2002: Official company name changed to "CTV-Armaturen GmbH"
- 2018: Change of ownership of CTV-Armaturen GmbH / CTV Armaturen & Penstocks GmbH
- 2019:
 - Move to new 1200 m2 production location in Emsbüren - Germany
 - Updated to new ISO 9001-2015
 - Adding new Norms and Certifications: AD-2000, EN-1090 and EN-ISO-3834 (finished Nov 2019)
 - Production changed from partially outsourcing to 100% In-House production for Gate Valves (DN50- DN1200), Butterfly Valves (DN100 to DN 1200) and SS316 Penstocks (as of Aug 2019).

Our Culture and Work Attitude - RAIRO

We aim to deliver constant high quality products and durable solutions to our customers. We therefor also have high standards towards our employees, suppliers and partners. In this respect, we like to characterize our Culture and Work Attitude according to the RAIRO principle, being:

- **R**esponsibility - *Take responsibility in your work and 'own' the work that you are doing*
- **A**greement is Agreement - *If we agree on something, we have to stick to the agreement made*
- **I**nvovement - *For everbody working in or for our company, we demand full invovement and dedication*
- **R**espect - *Treat eachother with respect!*
- **O**penness - *Be open and transparant in the work you are doing and in the communication to all stakeholders*



Mission & Vision Statement

VISION STATEMENT

CTV Armaturen & Penstocks GmbH strives to be a leading global manufacturer of high-quality flow control products for the Potable Water and Sewage markets.

MISSION STATEMENT

CTV Armaturen & Penstocks GmbH is a specialized manufacturer of high-quality flow control products, hand operated as well as motorized, like Gate Valves, Butterfly Valves, Non-Return Valves, Sluice Gate Valves/ Penstocks and other appendages according to the latest German standards.

In an ongoing effort to meet the different requirements of our customers and market demands, we are dedicated and driven to continually improve and develop products targeting the consistent ability to provide the highest levels of customer satisfaction. From concept to design, utilizing the best technologies available, our products are engineered and manufactured for proven product performance and will meet the highest standard of environmental and social responsibility.

We aim to become the leading German valve and penstock supplier, with commitment to both quality and service. We are focused on achieving continuous growth and profitability for the company by creating value for the customers, employees, shareholders and the environment we serve.

STATEMENT OF VALUES

- We strive to always exceed customer expectations and provide service excellence.
- We believe our people are the company's greatest asset and primary source of strength.
- We expect honesty, integrity, accountability, commitment, and ethical values.
- We treat each other with respect and dignity to maintain a positive work environment.
- We foster diversity, encourage collaboration, promote ingenuity and embrace teamwork.
- We focus on new product development and seek continual improvement.
- We view challenges as opportunities by embracing and driving organizational change.
- We take pride in our work and place extreme value on quality and safety.
- We maintain social awareness and contribute positively to our communities and environment.
- We are competitive and passionate people who make time to have fun and celebrate successes.
- We view the future with an optimistic outlook for success!



Every requirement is fulfilled perfectly here.

As manufacturers, CTV Armaturen & Penstocks GmbH has a wide range of valves in the water and waste water matters sector. Individually manufactured special valves and complete solutions are also part of our range of products.

Our customers' satisfaction has top priority for us and has been confirmed by certification in accordance with ISO 9001:2015. A further fundamental proof of safety is confirmed by our valves' conformity in the sense of the Pressure Equipment Directive 97/23/EC with the CE marking. In addition, most of our valves are certified in accordance with the regulations required by the German Technical and Scientific Association for Water, DVGW and are certified as Made in Germany - Made in EU.



CTV Model 01 – Resilient Seated Gate Valves



- **DN 40 – DN 1200**
- **PN10/PN16/PN25**
- EN-558-1: Series 14 and 15 (F4 and F5)
- Body: GGG 40/50
- Wedge/Sealing: GGG40 + EPDM acc. DVGW W-270 (opt. NBR)
- Spindle: SS 1.4057 – AISI-420 (opt. A4-SS316)
- Coating: EKB - RAL 5015 acc. DVGW W-270, min. 250 µ
- Operation: Handwheel, Chainwheel, Gearbox, AUMA, Pneumatic

DVGW Certificate Number: In Inspection. All parts in direct contact with Drinking Water are acc. DVGW-W270 and UBA-KTW
WRAS: Certificate Number 1912081



CTV Model 02 – Metal Seated Gate Valves



- **DN 40 – DN 1600**
- **PN10/PN16/PN25/PN40**
- EN-558-1: Series 14 and 15 (F4 and F5)
- Body: GGG 40/50
- Wedge/Sealing: GGG40 + A4-SS316
- Spindle: SS 1.4057 – AISI-420
- Coating: AKZO RESICOAT RAL 5015 acc. RAL-GSK, min. 250 µ
- Operation: Handwheel, Chainwheel, Gearbox, AUMA, Pneumatic

DVGW: All parts in direct contact with Drinking Water are acc. DVGW-W270 and UBA-KTW
WRAS: Certificate Number 1912081



CTV Model 05 – Knife Gate Valve



CTV Model 05 – Full flanged Knife Gate Valve

- **DN 50 – DN 600**
- **PN10**
- EN-558-1: Series 20
- Body: GGG 40
- Plate: A4-SS316 (opt. A2-SS304)
- Coating: AKZO RESICOAT RAL 5015 acc. RAL-GSK, min 250µ
- Operation: Handwheel, Chainwheel, Gearbox, AUMA, Pneumatic



CTV Model 05W – Wafer Knife Gate Valve

- **DN 50 – DN 1200**
- **PN10**
- EN-558-1: Series 20
- Body: GGG 40
- Plate: A4-SS316 (opt. A2-SS304)
- Coating: EKB RAL 5015, min 250µ
- Operation: Handwheel, Chainwheel, Gearbox, AUMA, Pneumatic



CTV Model 06 – Check Valve



CTV Model 06 – Check Valve

- **DN 40 – DN 300**
- **PN10/16**
- EN-558-1: Series 48 (F6)
- Body: GGG 40
- Soft seated NBR
 - Rubberised flap disc with steel insert, can be used on both sides
- 100% free opening
- Optional lifting device
- With lifting eye for easier installation
- Coating: AKZO RESICOAT RAL 5015 acc. RAL-GSK, min 250µ



CTV Model 06A – RückschlagDisc mit Hebel & Gewicht

- **DN 50 – DN 300**
- **PN10/16**
- EN-558-1: Series 48 (F6)
- Body: GGG 40
- Stem: SS 1.4057
- Body seat: Chrome
- Flap disc rubber coating of EPDM acc.W270/KTW or NBR
- Coating: AKZO RESICOAT RAL 5015 acc. RAL-GSK, min 250µ
- Optional: Protective cage



CTV Model 06K – Ball check valve

- **DN 50 – DN 300** (DN400-DN600 upon request)
- **PN10/16**
- EN-558-1: Series 48 (F6)
- Body: GGG 40
- Ball: NBR (opt. EPDM)
- Screws : SS 304/A2
- Coating: EKB RAL 5015, min 250µ



CTV Model 06CT – Tilting type check valve (opt. Slanted)

- **DN 100 – DN 1600**
- **PN10/16**
- EN-558-1: Series 14 (F4)
- Body: GGG 40/50
- Sealing: EPDM (opt. NBR or Metalic seated)
- Spindle: AISI-420
- Coating: AKZO RESICOAT RAL 5015 acc. RAL-GSK, min. 250 µ



CTV Model 06NZ – Nozzle Check Valve (Silent type)

- **DN 50 – DN 1200**
- **PN10/16/25**
- EN-558-1: Series 14 (F4)
- Body: GGG 40/50
- Disc: GGG50 mit EPDM
- Spindle: AISI-420
- Spring: SS 304/A2
- Coating: EKB min 250µ

DVGW: All parts in direct contact with Drinking Water are acc. DVGW-W270 and UBA-KTW

CTV Model 09 – Double Excentric Butterfly Valve



- **DN 80 – DN 1600**
- **PN10/PN16/PN25/PN40**
- EN-558-1: Series 14 (F4)
- Body: GGG 40/50
- Sealing: EPDM (opt. NBR)
- Spindle: AISI-420
- Coating: AKZO RESICOAT RAL 5015 acc. RAL-GSK, min. 250 µ
- Operation: Handwheel, Gearbox, AUMA, Pneumatic

All parts in direct contact with Drinking Water are acc. DVGW-W270 and UBA-KTW
DVGW Certificate Number: NW-6201CO0433
WRAS Certificate Number: 1607399



CTV Model 10 – Butterfly Valve (between flanges)



CTV Model 10W – WAFER Butterfly Valve

- **DN 40 – DN 1200**
- **PN10/16**
- EN-558-1: Series 20
- Body: GGG 40/50
- Disc: A4-SS316
- Sealing: EPDM (opt. NBR)
- Coating: EKB RAL 5015, min 250µ
- Operation: Handhebel, Chainwheel, Gearbox mit Handwheel, AUMA, Pneumatic

DVGW: All parts in direct contact with Drinking Water are acc. DVGW-W270 and UBA-KTW



CTV Model 10L – LUG Butterfly Valve

- **DN 40 – DN 1200**
- **PN10/16**
- EN-558-1: Series 20
- Body: GGG 40/50
- Disc: A4-SS316
- Sealing: EPDM (opt. NBR)
- Coating: EKB RAL 5015, min 250µ
- Operation: Handhebel, Chainwheel, Gearbox mit Handwheel, AUMA, Pneumatic

DVGW: All parts in direct contact with Drinking Water are acc. DVGW-W270 and UBA-KTW

CTV Model 11 – Air Valve



CTV Model 11 – Air Valve

- **Single chamber version**
- **Double chamber version**
- **Double chamber design (Triple Function)**
- **DN 40 – DN 300**
- **PN10/PN16/PN25/PN40**
- Acc. EN1074-4
- Body & Deckel: GGG 40
- Float: Plastic or SS.
- Sealing: EPDM
- Cover screws: SS A2 (DIN EN ISO 3506)
- Coating: EKB RAL 5015, min 250µ



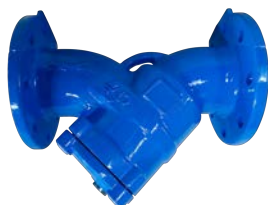
CTV Model 13 – Plunger Valve



- **DN 100 – DN 1500**
- **PN10/PN16/PN25**
- EN-558-1: Series 20
- Body: GGG 40/50
- Cylinder: SS 1.4301
- Sealing: EPDM
- internal: SS
- Coating: EKB RAL 5015, min 250µ
- Operation: Gearbox mit Handwheel, AUMA

DVGW: All parts in direct contact with Drinking Water are acc. DVGW-W270 and UBA-KTW

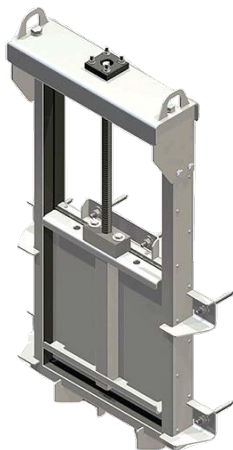
CTV Model 14 – Y-Typ Strainer



- **DN 50 – DN 600**
- **PN10/16**
- EN-558-1: Series 01
- Body: GGG 40/50
- Sieb: SS A2/SS-304
- Screws: SS A2/SS-304
- Drain plug: SS A2/SS-304
- Coating: AKZO RESICOAT RAL 5015 acc. RAL-GSK, min 250µ

DVGW: All parts in direct contact with Drinking Water are acc. DVGW-W270 and UBA-KTW

CTV Model 21 – Penstocks



- **DN200-DN2000**
- Plate: 1.4301/1.4404/SS304/SS316
- Frame: 1.4301/1.4404/SS304/SS316
- Spindle: 1.4301/1.4404/SS304/SS316
- Spindle nut: Bronze

Operation type:

- Square
- Handwheel
- AUMA E-Motor
- Pneumatic operator

CTV Model 43 – Dismantling Joint



- **DN 50 – DN 1600**
- **PN10/PN16/PN25**
- Body: GGG 40/50
- Sealing: EPDM (opt. NBR)
- Lockable expansion piece with continuous threaded anchors
- Bolts: Galvanised steel 8.8 (opt. SS)
- Coating: EKB RAL 5015, min 250µ

Product features:

- Design acc. to DIN EN 1171
- Internal, non-rising stem
- Double flanged connection acc. to DIN EN 1092-2
- Face to face dimension acc. to DIN EN 558, Series 14 (F4) or Series 15 (F5)
- Resilient seated in both directions of flow
- Solid rubber wedge made of elastomer with wedge drainage
- 100 % free flow passage with smooth inner pipe bottom, trouble-free piggable
- Long, centred wedge guide
- Back-sealing, exchangeable shaft sealing under full working pressure
- Available in accordance with DVGW GW 336

Materials (basic version):

- Body and bonnet of ductile cast iron EN-GJS-400-15 (GGG-40)
- Spindle made of A2
- Spindle nut made of bronze
- Spindle collar supported on POM sliding discs
- Connecting bolts made of A2, countersunk and sealed
- Corrosion protection by means of fusion bonded epoxy powder coating blue, RAL 5015 (average dry film thickness >250µm)
- Drinking water version: EPDM rubber coating of wedge in accordance with KTW and DVGW worksheet W 270
- Waste water version: NBR rubber coating of wedge

Other materials

as well as accessories on request

Detail 1:

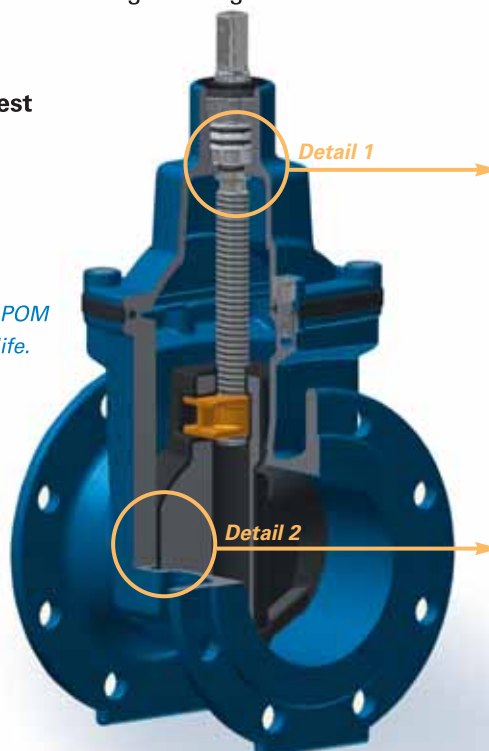
*Dynamic spindle seal by means of O-rings in double safety design
Medium-unaffected stem bearing by means of O-ring. Bearing bush of POM guarantees a safe and long working life.*

Detail 2:

Long centred wedge guide guarantees high sealing function and low operating forces.



DN40-400



Fields of application:

Water, energy and industrial management

e.g. for drinking water, raw water, purified waste water, air, etc.

Chemical industry

e.g. for chemically polluted waste water, etc.

Food industry and breweries

e.g. for washing and rinsing plants, conveyor plants, etc.

Biogas plants

Further possibilities

of application on request



Drive options:



Basic version

01-2001410/-16

Resilient seated wedge gate valves with bare spindle end
for mounting spindle extensions,
square caps etc.
DN40 – DN1200



01-2011410/-16

Resilient seated wedge gate valves with non-rising spindle and handwheel
DN40 – DN1200

or with interposed spur gear
or bevel gear box



01-2131410/-16

Resilient seated wedge gate valves with chain wheel
Chain made of stainless steel
or galvanized steel

or with interposed spur gear
or bevel gear box



01-2181510/-16

Resilient seated wedge gate valves for underground or direct buried installation
to customer specifications

or with interposed spur gear or
bevel gear box

Available in accordance
with DVGW GW 336

*Subject to technical changes
as well as the use of equivalent or
higher quality materials.
All representations are not binding.*

Drive options:



Basic version

01-2271410/-16

Resilient seated wedge gate valves with connecting flange for mounting of electric or, pneumatic actuators etc.



01-2031410/-16

Resilient seated wedge gate valves with direct mounted electric actuator or modulating electric actuator

DN

or with interposed spur gear or bevel gear box

DN



01-2151410/-16

Resilient seated wedge gate valves with pneumatic actuators

double-acting

Medium controlled
on request



01-2181510/-16

Resilient seated wedge gate valves for underground or direct buried installation to customer specifications
DN40 – DN250

or with interposed spur gear or bevel gear box
DN300 – DN600

Available in accordance with DVGW GW 336

Subject to technical changes as well as the use of equivalent or higher quality materials. All representations are not binding.

Knife Gate Valves

PN10 (DN50 – DN300) | PN8 (DN350 – DN400) | PN6 (DN500 – DN600)
PN 2,5 (DN 700 - DN 1200)

Product features:

- Flange connection acc. to DIN EN 1092-2 PN10 (equivalent to DIN 2501 PN10)
- Face to face dimension acc. to DIN EN 558, basic series 20 (equivalent to DIN 3202-3 series K1)
- Sealing on both sides, with continuous interior pipe bottom, for mounting between flanges and suitable for end-of-line installation without additional counter-flange
- Continuous position indicator OPEN-CLOSED; with integrated lubricator, depending on version
- Integrated protection against accidental contact DN 50-300
- As from DN 350 with stud bolts, protection against accidental contact optional

Materials (basic version):

- Casted parts of ductile cast iron acc. to EN-GJS-400-15 (GGG-40)
- Plate material no.: 1.4301/A2 or 1.4401/A4
- Spindle material no.: 1.4301/A2 or 1.4401/A4
- Bolts and nuts: 1.4301/A2 or 1.4401/A4
- Enclosed sealing element made of elastomer (NBR)
- Surface protection inside and outside by means of fusion bonded epoxy powder coating blue, RAL 5015 (average dry film thickness >250µm)
- For liquids up to max. +70°C with max. operating and differential pressure of 10 bar
- Mounting brackets material no.: 1.4301

Other materials

as well as accessories on request

Fields of application:

Raw water, energy and industrial management

e.g. for waste water technology
for raw water, digested sludge,
waste water and air

Chemical industry

e.g. for chemically polluted
waste water, etc.

Food industry and breweries

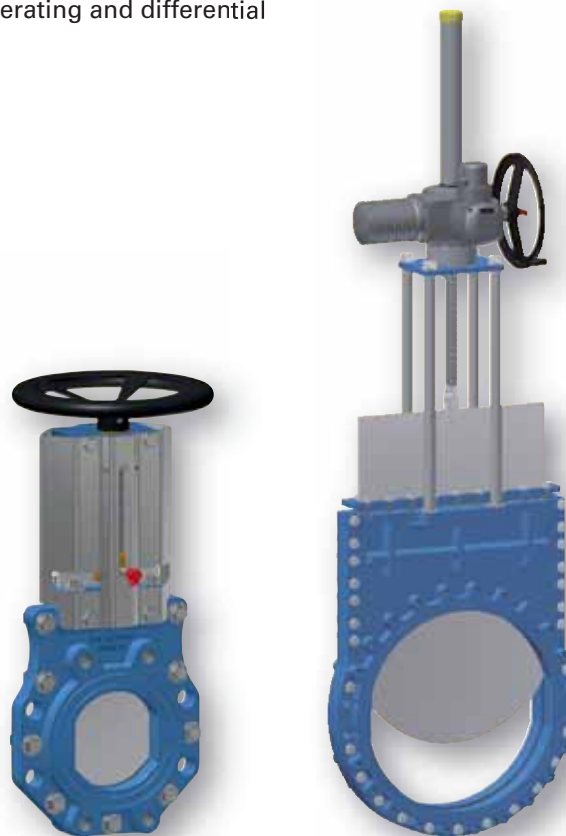
e.g. for washing and rinsing
plants, conveyor plants, etc.

Biogas plants

e.g. for sludges,
waste water, etc.

Further possibilities

of application on request



Drive options:



**Knife gate valve
with bare spindle end**
for mounting of spindle
extensions, square caps etc.,
with integrated position
indicator
DN50 – DN600



**Knife gate valve
with non-rising spindle
and handwheel**
with integrated
position indicator
DN50 – DN600



**Knife gate valve
with adjustable lever**
Lever and slide rod
made of stainless steel
DN50 – DN150



**Knife gate valve
with chain wheel**
Chain stainless steel or steel
galvanized, with integrated
position indicator
DN50 – DN600

*Subject to technical changes
as well as the use of equivalent or
higher quality materials.
All representations are not binding.*

Drive options:



Basic version

05-2372010/-08/-06

**Knife gate valve
with connecting flange**
for mounting multi-turn On/Off
and modulating electric actuators,
as well as linear actuators
DN50 – DN600



05-2442010-08

**Knife gate valve
with control orifice**
DN50 – DN600



Triangular
control orifice



Pentangular
control orifice



05-2032010-08

**Knife gate valve
with rising spindle**
DN50 – DN800
Multi-turn electric actuator
or modulating actuator

*Subject to technical changes
as well as the use of equivalent or
higher quality materials.
All representations are not binding.*

Drive options:



Basic version

05-2372010/-08/-06

**Knife gate valve
with connecting flange**
for mounting multi-turn On/Off
and modulating electric actuators,
as well as linear actuators
DN50 – DN600



05-2152010/-08

**Knife gate valve
with pneumatic actuators**
double-acting or spring resetting
to customer specifications
DN50 – DN600



05-2052010-08

**Knife gate valve
with hydraulic actuator**
DN50 – DN600

*Subject to technical changes
as well as the use of equivalent or
higher quality materials.
All representations are not binding.*

Flanged butterfly valves

PN10/16 (DN80 – DN1200) | PN25 (DN80 – DN600)

Product features:

- Design acc. to DIN EN 593
- Double-sided flange connection acc. to DIN EN 1092-2
- Face to face dimension acc. to DIN EN 558, Series 14 (F4)
- Sealing in both directions of flow
- Resilient seated
- Double eccentric disc
- Enclosed T-section seal on the disc adjustable and replaceable without removal of the disc
- Closed bearing lugs
- Shafts not in touch with the medium, dry-shaft design
- Basic version with fitted, cast encapsulated worm gear box, self-locking and adjustable limit stops as well as a mechanical position indicator on the gear box cover
- Gear boxes with raised protection for buried application, optional

Materials (basic version):

- Body, disc and bearing cover made of ductile cast iron EN-GJS-400-15 (GGG-40)
- Shafts made of stainless steel 1.4021
- Seat made of chromium/nickel steel
- Shaft bearing made of bronze
- Profile sealing of the disc and O-rings of the shaft seal made of EPDM in accordance with W270 / KTW or NBR
- Bolts and nuts made of A4 (in touch with medium), all the other external connecting parts made of A2
- Corrosion protection by means of fusion bonded epoxy powder coating blue, RAL 5015 (average dry film thickness 250µm)

Other materials for shafts, shaft bearings, profile packing and O-rings as well as other accessories possible.

Fields of application:

Water procurement and water treatment

e.g. for potable water, fresh water, raw water, etc.

Water supply and hydroelectric stations

e.g. for potable water, fresh water, surface water, etc.

Power stations

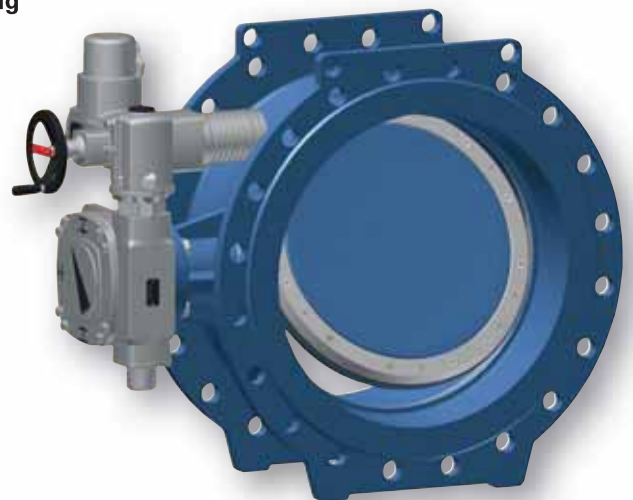
e.g. for cooling water, etc.

Water disposal

Purified waste water

Further possibilities

of application on request



Drive options:

09-2031410/-16/-25



**Flanged butterfly valve
with gear box and multi-turn
actuator or modulating
electric actuator**
PN10/16 (DN80 – DN1200)
PN25 (DN80 – DN600)



09-2021410/-16/-25

**Flanged butterfly valve
with gear box and handwheel**
PN10/16 (DN80 – DN1200)
PN25 (DN80 – DN600)



09-2041410/-16/-25

**Flanged butterfly valve
with pneumatic actuator**
PN10/16 (DN80 – DN1200)
PN25 (DN80 – DN600)



09-2181410/-16/-25

**Flanged butterfly valve
with gear box for underground
installation and spindle
extension to customer
specifications**
PN10/16 (DN80 – DN1200)
PN25 (DN80 – DN600)

*Subject to technical changes
as well as the use of equivalent or
higher quality materials.
All representations are not binding.*



ELECTRICAL ACTUATOR

CTV Butterfly Valves can be supplied with electrical actuators. These actuators are designed to handle valves with a motor and can be adapted to remote control systems.



EBONITE LINING

CTV Valves has extensive expertise for seawater applications. For such corrosive medium, super duplex or nickel aluminum bronze body material can be used. However for a more economical solution, CTV Butterfly Valves can be internally ebonite lined and be supplied with super duplex trim.



STAINLESS STEEL DISC

CTV Butterfly Valves can be supplied with AISI316 casted disc for trouble-free operation in aggressive medium. In this configuration, Sealing gasket is full gripped with non-corrosive material and is providing sealing on a weld overlay seat. Therefore the gasket never gets effected from possible coating damages.



BURIED VALVE W/ HEADSTOCK & EXTENSION SPINDLE

CTV Butterfly Valves can be configured for buried Applications. For such applications, CTVValves can provide fixed, fixed with PE protection sleeve and telescopic with PE protection sleeve extension spindles. For deep burials, special supported extension spindles can be provided upon request. These spindles are supplied with headstock or surface box upon request. Headstocks can include position indicator and/or electrical actuator connection if required.

Drive options:



Basic version

10-2001010/-16



10-2072010/-16 LT/WT

**Butterfly valve
with hand lever**
PN10/16 (DN40 – DN200)



10-2022010/-16 LT/WT

**Butterfly valve
with gear box and handwheel**
PN10/16 (DN40 – DN1200)



10-2142010/-16 LT/WT

**Butterfly valve with gear box
and chain wheel chain
made of stainless steel
or steel galvanized**
PN10/16 (DN40 – DN1200)

*Subject to technical changes
as well as the use of equivalent or
higher quality materials.
All representations are not binding.*

Drive options:



Basic version

10-2001010/-16



10-2122010/-16 LT/WT

**Butterfly valve
with part-turn actuator**
PN10/16 (DN40 – DN300)



10-2032010/-16 LT/WT

**Butterfly valve with gear box
and multi-turn actuator**
PN10/16 (DN40 - DN1200)



10-2042010/-16 LT/WT

**Butterfly valve with
pneumatic actuator**
PN10/16 (DN40 – DN600)

*Subject to technical changes
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higher quality materials.
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CTV Armaturen & Penstocks GmbH



Zertifikate



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Water & Waste Water Distribution - Our Priority NO: 1

The production of clean drinking water is essential for human life. But precisely this elementary resource is disappearing rapidly in various regions of the Earth. In order to guarantee an unbroken water circulation, with our valves we look after its reliable, hygienically unobjectionable transport and distribution worldwide. A target we have been realising with commitment as a medium-sized and independent enterprise since the founding of CTV in 2002.



CTV Armaturen & Penstocks GmbH



Official Manufacturer No: 27173

CTV Armaturen & Penstocks GmbH

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VAT/MwSt No: DE320796426 – Registered at Amtsgericht Osnabrück: HRB-213681

IBAN: DE64.2666.0060.1105.8382.00 – BIC/SWIFT: GENODEF1LIG



Information

relating to the trade mark 302010034983, Status on Oct 24, 2022

Please note: This English version is a non-binding translation of the German register excerpt. Only the German version of the register excerpt is legally binding.

The trade mark with the register number **302010034983** has been entered in the register of the German Patent and Trade Mark Office with the following data.

The period of protection of the trade mark begins on the filing date and ends on Jul 31, 2030. A renewal for further 10-year periods is possible pursuant to section 47 of the Trade Mark Act.

Master data

[-----] **Data file:** DE

[111] **Register number:** 302010034983

[210] **File number:** 3020100349832

[540] **Reproduction of the mark**



[550] **Type of mark:** Word/figurative mark

[551] **Kind of mark:** Individual mark

[220] **Application date:** Jul 23, 2010

[151] **Date of entry into the register:** Dec 1, 2010

[156] **Extension of protection :** Aug 1, 2020

[730] **Proprietor:** CTV Armaturen & Penstocks GmbH, 48488 Emsbüren, DE

[740] **Representative:** Maiwald Patentanwalts- und Rechtsanwaltsgesellschaft mbH, 80335 München, DE

[750] **Address for service:** Maiwald Patentanwalts- und Rechtsanwaltsgesellschaft mbH Elisenhof, Elisenstr. 3, 80335 München

[-----] **Class(es):** NCL9

[511] **Class(es) :** 06, 11, 17, 42

[531] **Class(es) of figurative elements:** 26.04.06, 26.11.06, 27.05.19

[531] **Class(es) of figurative elements:** 26.04.06, 26.11.06, 27.05.19

[-----] **Status of file:** Trade mark registered

[180] **Date of expiry of term of protection:** Jul 31, 2030

[450] **Date of publication of the registration:** Dec 31, 2010

[-----] **Start of opposition period:** Dec 31, 2010

[-----] **End of opposition period:** Mar 31, 2011

[510] **Goods/services:**

Class(es) Terms

06	Armaturen aus Metall für die Wasser-, Gas-, Energie- und Industriewirtschaft, nämlich Ventile, Schieber und Klappen aus Metall zum Einbau in Rohrleitungen; Rohrformstücke, Rohranschlussformstücke, Rohrverbindungsstücke aus Metall; Metallrohre; Zubehör aus Metall für Armaturen, nämlich Handräder, Muffen und Befestigungsteile
11	Armaturen für Heizungs-, Dampferzeugungs-, Kühl-, Trocken-, Lüftungs- und Wasserleitungsgeräte sowie für sanitäre Anlagen, insbesondere Ventile, Schieber und Klappen zum Einbau in Rohrleitungen; Hydranten
17	Teile (nicht aus Metall) für Gas- und Flüssigkeitsarmaturen, nämlich Dichtungen, Schläuche und Rohrverbindungsstücke
42	Technische Planung und Projektierung von Armaturen, insbesondere Gas- und Flüssigkeitsarmaturen, sowie Leitungssystemen für die Wasser-, Gas-, Energie- und Industriewirtschaft

[-----] **Date of the first transfer into DPMAregister:** Oct 20, 2012

[-----] **Date of the (most recent) update in DPMAregister:** Oct 20, 2012; Feb 20, 2015; Aug 9, 2019; Nov 6, 2019; Nov 16, 2019; Nov 19, 2019

Procedural data

Application procedure

[-----] **Kind of procedure:** Application procedure

[-----] **Legal status:** Trade mark registered

[-----] **Trade mark journal:** 52/2010

[-----] **Published in part :** 1aaa

[550] **Type of mark:** Word/figurative mark

[551] **Kind of mark:** Individual mark

[220] **Application date:** Jul 23, 2010

[151] **Date of entry into the register:** Dec 1, 2010

[-----] **Publication date:** Dec 31, 2010

[730] **Applicant:** CTV-Armaturen GmbH, 54552 Nerdlen, DE
 [740] **Representative:** ZENZ Patent- und Rechtsanwälte GbR, 45128 Essen, DE
 [750] **Address for service:** ZENZ Patent- und Rechtsanwälte GbR, Rüttenscheider Str. 2, 45128 Essen
 [-----] **Class(es):** NCL9
 [511] **Class(es) :** 06, 11, 17, 42
 [510] **Goods/services:**

Class(es) Terms

06	Armaturen aus Metall für die Wasser-, Gas-, Energie- und Industriewirtschaft, nämlich Ventile, Schieber und Klappen aus Metall zum Einbau in Rohrleitungen; Rohrformstücke, Rohranschlussformstücke, Rohrverbindungsstücke aus Metall; Metallrohre; Zubehör aus Metall für Armaturen, nämlich Handräder, Muffen und Befestigungsteile
11	Armaturen für Heizungs-, Dampferzeugungs-, Kühl-, Trocken-, Lüftungs- und Wasserleitungsgeräte sowie für sanitäre Anlagen, insbesondere Ventile, Schieber und Klappen zum Einbau in Rohrleitungen; Hydranten
17	Teile (nicht aus Metall) für Gas- und Flüssigkeitsarmaturen, nämlich Dichtungen, Schläuche und Rohrverbindungsstücke
42	Technische Planung und Projektierung von Armaturen, insbesondere Gas- und Flüssigkeitsarmaturen, sowie Leitungssystemen für die Wasser-, Gas-, Energie- und Industriewirtschaft

[531] **Class(es) of figurative elements:** 26.04.06, 26.11.06, 27.05.19

[-----] **Database entry date:** Dec 1, 2010

Opposition proceedings

[-----] **Kind of procedure:** Opposition proceedings

[-----] **Legal status:** Trade mark registered without opposition

[-----] **Trade mark journal:** 23/2011

[-----] **Published in part :** 2a

[-----] **Text of publication:** Widerspruchsfrist abgelaufen, ohne dass Widerspruch erhoben wurde

[-----] **Publication date:** Jun 10, 2011

[-----] **Database entry date:** May 10, 2011

Recording of changes - Representative order/change

[-----] **Kind of procedure:** Recording of changes - Representative order/change

[-----] **Legal status:** Transcription completed

[-----] **Trade mark journal:** 13/2015

[-----] **Published in part :** 8b

[-----] **Date of entry of application request:** Feb 19, 2015

[-----] **Publication date:** Mar 27, 2015

[740] **Representative:** ZENZ Patentanwälte Partnerschaft mbB, 45128 Essen, DE

[-----] **Former representative:** ZENZ Patent- und Rechtsanwälte GbR, 45128 Essen, DE

[750] **Address for service:** ZENZ Patentanwälte Partnerschaft mbB, Postfach 104363, 45043 Essen

[-----] **Former address for service:** ZENZ Patent- und Rechtsanwälte GbR, Rüttenscheider Str. 2, 45128 Essen

[-----] **Database entry date:** Feb 20, 2015

Transcription - Legal transfer

[-----] **Kind of procedure:** Transcription - Legal transfer

[-----] **Legal status:** Transcription completed

[-----] **Trade mark journal:** 37/2019

[-----] **Published in part :** 3b

[-----] **Date of entry of application request:** Jun 7, 2019

[-----] **Publication date:** Sep 13, 2019

[730] **Proprietor:** CTV Armaturen & Penstocks GmbH, 48488 Emsbüren, DE

[770] **Former proprietor:** CTV-Armaturen GmbH, 54552 Nerdlen, DE

[740] **Representative:** Maiwald Patentanwalts- und Rechtsanwaltsgesellschaft mbH, 80335 München, DE

[-----] **Former representative:** ZENZ Patentanwälte Partnerschaft mbB, 45128 Essen, DE

[750] **Address for service:** Maiwald Patentanwalts- und Rechtsanwaltsgesellschaft mbH Elisenhof, Elisenstr. 3, 80335 München

[-----] **Former address for service:** ZENZ Patentanwälte Partnerschaft mbB, Postfach 104363, 45043 Essen

[-----] **Database entry date:** Aug 9, 2019

Extension

[-----] **Kind of procedure:** Extension

[-----] **Legal status:** Period of trade mark protection extended

[-----] **Trade mark journal:** 51/2019

[-----] **Published in part :** 4

[156] **Start of term of protection:** Aug 1, 2020

[-----] **Publication date:** Dec 20, 2019

[180] **Date of expiry of term of protection:** Jul 31, 2030

[-----] **Database entry date:** Nov 19, 2019

2022

Participation in the global GS1 system

GS1 Germany hereby confirms
that the company

CTV Armaturen & Penstocks GmbH

Emsbueren

is part of the global GS1 System with the
Global Location Number (GLN):

4255653600008

and with the Global Company Prefix (GCP):

42556536

The GLN ensures the uniqueness of the licensee and
entitles him to use the GS1 Standards in all
business processes.

GS1 Identification Standards:

GTIN (Global Trade Item Number),
SSCC (Serial Shipping Container Code), etc.

GS1 Data Carrier Standards:

EAN-13, GS1-128, GS1 DataMatrix, etc.

GS1 Communication Standards:

EANCOM®, GS1 XML, EPCIS, etc.

The GS1 Standards comply, among other things,
with the following international rules: ISO 9735,
ISO/IEC 15418, ISO/IEC 15459, ISO/IEC 18000-3,
ISO/IEC 18000-6. The GS1 Codes also meet
symbolology standards of ISO, EN and DIN.

Therefore, the optimum conditions required for the
seamless cross-company, transnational and
industry-wide exchange of data and goods along
the value chain are met.

GS1 Germany – as a member of the international
GS1 community – represents the worldwide
applicable GS1 Standards for the German market.

Cologne, 10/26/2022



Thomas Fell
GS1 Germany GmbH

CERTIFICATE



Industrie- und Handelskammer
Osnabrück - Emsland - Grafschaft Bentheim

Gemeinsam Ehrenamt Stärken

IHK Osnabrück - Emsland - Grafschaft Bentheim | Postfach 30 80 | 49020 Osnabrück

Ihre Zeichen/Nachricht vom

For presentation in Saudi Arabia

Ihr Ansprechpartner
Hartmut Bein

E-Mail
bein@osnabrueck.ihk.de

Tel.
0541 353-126
Fax
0541 353-99126

4. Juni 2020

Certificate

Dear Sirs

As requested we hereby confirm for presentation to authorities, departments and clients that the company

CTV Armaturen & Penstocks GmbH
Pliniusstr. 6
48488 Emsbüren

registered at the commercial register of District Court Osnabrück under number HR B 213681 is a member of the Industrie- und Handelskammer Osnabrück - Emsland - Grafschaft Bentheim (Chamber of Industry and Commerce) with the subject of business

Production, trade, import and export of heavy-duty valves for water and sewage.

This certificate had been issued according to our present information without responsibility for the completeness and correctness.

Yours faithfully

Industrie- und Handelskammer
Osnabrück - Emsland - Grafschaft Bentheim

i. A.

Hartmut Bein



Abschrift



Amtsgericht Osnabrück
Registergericht

Dienstgebäude

Nebengebäude(Register): Kollegienwall 5

Postanschrift: Kollegienwall 29/31
49074 Osnabrück

Amtsgericht Osnabrück, Postfach 11 51, 49001 Osnabrück
NZS HRB 213681

Frau Notarin
Jasmin-Manuela Wevers
Kircheninsel 1
48599 Gronau

Bearbeiter/in: Frau Hehmann
Durchwahl: 0541/315-2212

Telefax: 0541/315-6211
Registerzentrale: 0541/315-2240

Sprechzeiten: Montag bis Mittwoch und Freitag:
8.30 Uhr bis 12.30 Uhr
Donnerstag: 12.00 Uhr bis 16.00 Uhr

Parkmöglichkeiten: Parkhaus Kollegienwall
Bushaltestelle: Neumarkt

Bankverbindung: Norddeutsche Landesbank Hannover
IBAN: DE70 2505 0000 0106 0244 90
BIC: NOLADE2H

Datum: 18.06.2019

Ihr Zeichen:
UR-Nr. 140/2019

Geschäftsnummer
NZS HRB 213681 - Fall 1 -
(bei Antwort und Zahlungen bitte angeben)

Registersache: CTV Armaturen & Penstocks GmbH, Düsseldorf

Geschäftsanschrift (ohne Gewähr): Pliniusstraße 6, 48488 Emsbüren

Sehr geehrte Frau Notarin Wevers,

auf dem Registerblatt HRB 213681 ist die um- bzw. nachstehend wiedergegebene Eintragung erfolgt.

Mit freundlichen Grüßen

Hehmann
Justizangestellte

Dieses Schreiben ist maschinell erstellt und auch ohne Unterschrift wirksam.

Achtung! Hinweis des Registergerichts:

In letzter Zeit ist mehrfach von privaten "Wirtschaftsverlagen" kurz nach der Veröffentlichung einer Eintragung versucht worden, mit amtlich aussehenden Rechnungen Kosten für die Eintragung in ein privates Register zu erlangen. Hierbei handelt es sich **nicht** um die Rechnung für die Eintragung in das öffentliche Handelsregister. **Es wird daher eindringlich darauf hingewiesen, dass Abrechnungen des Amtsgerichts Osnabrück für Registereintragungen ausschließlich von dem Registergericht Osnabrück erstellt werden und Zahlungen an die Landeskasse Niedersachsen zu leisten sind.**

Hinweise zum Datenschutz:

<https://www.amtsgericht-osnabrueck.niedersachsen.de> („Wir über uns“ > „Datenschutz“)

Eintragungen beim Amtsgericht Osnabrück im Handelsregister B 213681

1.

Nummer der Eintragung: 1

2.

a) Firma:

CTV Armaturen & Penstocks GmbH

b) Sitz, Niederlassung, inländische Geschäftsanschrift, empfangsberechtigte Person, Zweigniederlassungen:

Düsseldorf

Geschäftsanschrift:

Pliniusstraße 6, 48488 Emsbüren

c) Gegenstand des Unternehmens:

Herstellung, Handel, Import und Export von Schwerarmaturen für Wasser und Abwasser.

3.

Grund- oder Stammkapital:

35.715,00 EUR

4.

a) Allgemeine Vertretungsregelung:

Ist nur ein Geschäftsführer bestellt, so vertritt er die Gesellschaft allein. Sind mehrere Geschäftsführer bestellt, so wird die Gesellschaft durch zwei Geschäftsführer oder durch einen Geschäftsführer gemeinsam mit einem Prokuristen vertreten.

b) Vorstand, Leitungsorgan, geschäftsführende Direktoren, persönlich haftende Gesellschafter, Geschäftsführer, Vertretungsberechtigte und besondere Vertretungsbefugnis:

Bestellt als

Geschäftsführer:

Schuurman, Jeroen, Enschede / Niederlande, *28.06.1974

einzelvertretungsberechtigt; mit der Befugnis, im Namen der Gesellschaft mit sich im eigenen Namen oder als Vertreter eines Dritten Rechtsgeschäfte abzuschließen.

6.

a) Rechtsform, Beginn, Satzung oder Gesellschaftsvertrag:

Gesellschaft mit beschränkter Haftung

Gesellschaftsvertrag vom 04.09.2018, mehrfach geändert.

Die Gesellschafterversammlung vom 26.04.2019 hat die Änderung des Gesellschaftsvertrages in § 1 (Firma, Sitz) und mit ihr die Sitzverlegung von Düsseldorf (bisher Amtsgericht Düsseldorf HRB 85274) nach Düsseldorf beschlossen.

7.

a) Tag der Eintragung:

18.06.2019

Duram



DIN EN ISO 9001

ZERTIFIKAT
CERTIFICATE CERTIFICAT CERTIFICADO CERTIFICAT

ZDH-ZERT GMBH CERTIFIES THAT THE ORGANIZATION

CTV ARMATUREN & PENSTOCKS GMBH
PLINIUSSTR. 6
48488 EMSBÜREN



CTV Armaturen & Penstocks GmbH

IN THE SCOPE OF

**PRODUCTION, TRADE AND DISTRIBUTION OF VALVES AND
GATE VALVES, BUTTERFLY VALVES AND PENSTOCKS FOR
THE WATER, SEWAGE AND GAS INDUSTRY AS WELL AS
FOR THE INDUSTRIAL AND ENERGY INDUSTRY**

HAS INTRODUCED AND APPLIES A QUALITY MANAGEMENT SYSTEM IN ACCORDANCE
WITH THE FOLLOWING STANDARD:

DIN EN ISO 9001:2015

THE RESPECTIVE VERIFICATION WAS BROUGHT BY AN ASSESSMENT OF THIS ORGANIZATION.

CERTIFICATE VALID UNTIL 16.07.2025
END OF VALIDITY PREVIOUS CERTIFICATE: 16.07.2022
CERTIFICATE REGISTRATION NO.: Q1 0119131

Bonn, 11.11.2022

Dipl.-Ing. Peter Löpp
Head of Certification Body



Deutsche
Akkreditierungsstelle
D-ZM-16013-01-02



CERT

DIN-DVGW-Baumusterprüfzertifikat

DIN-DVGW type examination certificate

NW-6201CO0433

Registriernummer
registration number

Anwendungsbereich <i>field of application</i>	Produkte der Wasserversorgung <i>products of water supply</i>
Zertifikatinhaber <i>owner of certificate</i>	CTV Armaturen & Penstocks GmbH Pliniusstraße 6, D-48488 Emsbüren
Vertreiber <i>distributor</i>	CTV Armaturen & Penstocks GmbH Pliniusstraße 6, D-48488 Emsbüren
Produktart <i>product category</i>	Armaturen für die Wasserversorgung: Absperrklappe (6201)
Produktbezeichnung <i>product description</i>	Absperrklappe für die Trinkwasserversorgung mit Flanschen
Modell <i>model</i>	CTV Typ 09...
Prüfberichte <i>test reports</i>	Kontrollprüfung Labor: AO 092/18 vom 07.01.2019 (TZW) Baumusterprüfung: A 010/11 vom 11.12.2013 (TZW) UBA-Leitlinie: K-261231-15-s vom 05.10.2015 (WHY) Mikrobiologische Prüfung: W-254529e-15-SI/le vom 10.03.2015 (WHY)
Prüfgrundlagen <i>test basis</i>	DVGW W 363-(P) (01.06.2010) DIN EN 1074-1 (01.07.2000) DIN EN 1074-2 (01.07.2004) UBA METALLE (21.11.2018) UBA ELASTOM (16.03.2016) UBA KTW (07.03.2016) DVGW W 270 (01.11.2007)
Ablaufdatum / AZ <i>date of expiry / file no.</i>	11.12.2023 / 19-0519-WNA

05.09.2019 GI A-1/2

Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle
date, issued by, sheet, head of certification body

DVGW CERT GmbH ist von der DAkkS nach DIN EN ISO/IEC 17065:2013
akkreditierte Stelle für die Zertifizierung von Produkten der Energie- und
Wasserversorgung.

DVGW CERT GmbH is an accredited body by DAkkS according to DIN EN
ISO/IEC 17065:2013 for certification of products for energy and water supply
industry.



Deutsche
Akkreditierungsstelle
D-ZE-16028-01-05

DVGW CERT GmbH
Zertifizierungsstelle

Josef-Wirmer-Str. 1-3
53123 Bonn

Tel. +49 228 91 88 - 888
Fax +49 228 91 88 - 993

www.dvgw-cert.com
info@dvgw-cert.com

Typ type	Technische Daten technical data	Bemerkungen remarks
CTV Typ 09...	Druckstufe: PN 10/16 Nennweite: DN 150	
CTV Typ 09...	Druckstufe: PN 10/16 Nennweite: DN 200	
CTV Typ 09...	Druckstufe: PN 10/16 Nennweite: DN 250	
CTV Typ 09...	Druckstufe: PN 10/16 Nennweite: DN 300	
CTV Typ 09...	Druckstufe: PN 10/16 Nennweite: DN 350	
CTV Typ 09...	Druckstufe: PN 10/16 Nennweite: DN 400	
CTV Typ 09...	Druckstufe: PN 10/16 Nennweite: DN 450	
CTV Typ 09...	Druckstufe: PN 10/16 Nennweite: DN 500	
CTV Typ 09...	Druckstufe: PN 10/16 Nennweite: DN 600	
CTV Typ 09...	Druckstufe: PN 10/16 Nennweite: DN 700	
CTV Typ 09...	Druckstufe: PN 10/16 Nennweite: DN 800	
CTV Typ 09...	Druckstufe: PN 10/16 Nennweite: DN 900	
CTV Typ 09...	Druckstufe: PN 10/16 Nennweite: DN 1000	
CTV Typ 09...	Druckstufe: PN 10/16 Nennweite: DN 1200	



This certifies that

CTV ARMATUREN & PENSTOCKS GMBH

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

Model Numbers

CTV TYP 09 (Z) RANGE OF BUTTERFLY VALVES

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

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

July 2027

Certificate No.

2207387

A handwritten signature in blue ink, appearing to read 'Ian Hughes', with a long horizontal flourish extending to the right.

Ian Hughes,
WRAS Approvals Manager



This certifies that

CTV ARMATUREN & PENSTOCKS GMBH

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

Model Numbers

CTV TYP 01/02 F4 gate valves

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

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

December 2024

Certificate No.

1912081

A handwritten signature in blue ink, appearing to read 'Ian Hughes', with a long horizontal flourish extending to the right.

Ian Hughes,
WRAS Approvals Manager

سلسلة الإمداد - المركز الرئيسي
رقم المعاملة: 1444/515/70334
تاريخه : 03/01/2023
المرفقات : بدون

شركة المياه الوطنية
National Water Company



شهادة اعتماد المواد

Material Approval Certificate

Type Approval نوع الاعتماد	New Approval / اعتماد جديد	✓	Certificate Number/ رقم الشهادة
Date/ التاريخ (MM/DD/YY)	12/13/2022		2022- 27173-02
Manufacturer Number/ رقم المصنع	27173		Valid From
Manufacturer Name/ اسم المصنع	CTV Armaturen & Penstocks GmbH		Dec/2022
Country/ البلد	Germany		Valid To
Address/ العنوان	PLINIUSSTR. 648488 EMSBUREN		Dec/2024
Local Representative/ الممثل المحلي	شركة الموردة للتجارة AlMowaredah Trading Co.		
Local Rep. Vendor # رقم الممثل المحلي	16772		

NWC certify that the manufacturer has completed all qualification requirement in the following category

تشهد شركة المياه الوطنية أن المصنع قد أكمل جميع متطلبات التأهيل في الشركة في الفئة التالية

Category الفئة	Product Series رقم المنتج التسلسلي	Sizes المقاسات	Description الوصف
Valves	--	50-1200 mm	Gate Valve
	--	50-1200 mm	Knife Gate Valve
	--	100-2400 mm	Butterfly Valve
	--	50-400 mm	Air Valve
	--	50-1000 mm	Check Valve
	--	50-400 mm	Plunger/ Needle Valve
	--	150-3000 mm	Penstocks
Filters	--	50-700 mm	Strainers
Fittings	--	100-2000 mm	Dismantling Joints

Conditions:

- الهدف من هذه الشهادة هو التأهيل المبني للدخول في المشاريع الجديدة أو مشاريع الصيانة.
- تخضع عملية التأهيل للتقييم والمراجعة بشكل دوري.
- بحق للشركة تقييم المصنع خلال فترة الشهادة أو أثناء عملية التصنيع.
- قبل التوريد يتعين اختبار المنتجات عن طريق طرف ثالث معتمد من شركة المياه الوطنية للتأكد من مطابقة المنتج لمواصفات المشروع.
- شركة المياه الوطنية لا تتحمل أي تكاليف لها علاقه بتأهيل المصنع مبدئياً أو اختبار المنتج أو الاختبارات أثناء التصنيع.
- هذه الشهادة هي ملكية لشركة المياه الوطنية ولها الحق في إلغاء هذه الشهادة إذا لم تلتزم الشركة المصنعة بشروط التأهيل، مواصفات المشروع أو فشل المنتج المتكرر أثناء التشغيل.
- For validity of the certificate, please visit the list of approved materials or Contact with the Vendor Relationship Department.
- للتأكد من صلاحية الشهادة الرجاء زياره قائمه المواد المعتمدين أو التواصل مع اداره تأهيل الموردين .
- In case that one of the quality and non-toxicity certificates has expired, this certificate will be considered invalid
- في حال انتهاء صلاحية احدى شهادات الجودة وعدم السمية تعتبر هذه الشهادة غير صالحة .
- This certificate supersedes all previous certificates and approved sizes.
- هذه الشهادة تحل محل الشهادات والمقاسات المعتمدة سابقا .

Supply Chain General Manager

مدير عام سلسلة الامداد

Eng. Khalid Yahya Alhamoud

المهندس/ خالد بن يحيى ال حمود

٠٣ يناير ٢٠٢٣

NWC-Material Approval-Form-04-V1

Headquarter: المركز الرئيسي
TEI: +966 11 4409444 هاتف
Email: info@nwc.com.sa بريد إلكتروني

صندوق بريد: 676 الرياض 11421
P.O. Box: 676 Riyadh 11421

المملكة العربية السعودية - الرياض
Kingdom of Saudi Arabia - Riyadh
طريق الملك فهد - King Fahad Road



**BUREAU
VERITAS**

Tel : (+31) (0)88 45 05 500
Mail : industrienederland@nl.bureauveritas.com
Office : Amersfoort
Country: The Netherlands

WELDING PROCEDURE QUALIFICATION RECORD

N° WPQR BVAMF : 6792710-071

Manufacturer : **CTV Armaturen & Penstocks GmbH**

Place of welding : **Enschede**

Date of welding : **23-03-2020**

pWPS No : **CTV 002-M**

Reference standard : **EN 15614-1 edition 2017** Level: **2**

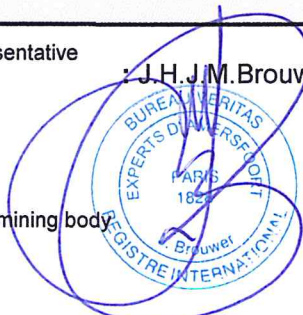

Supplemented by :

Test verified by : **B.Moorman representing Bureau Veritas** Stamp No

BUREAU VERITAS

Certifies that test pieces were prepared, welded and tested satisfactorily in accordance with the requirements of the documents indicated above.

Record issued on : **24-04-2020**

Examining body	Manufacturer
<p>Authorized representative : J.H.J.M. Brouwer</p> <p>Signature :</p> <p>Stamp of the examining body:</p> 	<p>Represented by : CTV Armaturen & Penstocks GmbH</p> <p>Signature :</p> <p>Stamp of the manufacturer (optionnal)</p>  <p>CTV Armaturen & Penstocks GmbH Pliniusstrasse 6 48488 Emsbüren Deutschland - Germany WWW.CTV-VALVES.COM Chamber of Commerce: HRB-213681</p>

Other identification (as necessary) :

Page 1 of 4



**BUREAU
VERITAS**

Tel : (+31) (0)88 45 05 500
Mail : industrienederland@nl.bureauveritas.com
Office : Amersfoort
Country: The Netherlands

WELDING PROCEDURE QUALIFICATION RECORD

N° WPQR BVAMF : 6792710- 068

Manufacturer : **CTV Armaturen & Penstocks GmbH**

Place of welding : **Enschede**

Date of welding : **23-03-2020**

pWPS No : **CTV 001-M**

Reference standard : **EN 15614-1 edition 2017** Level: **2**

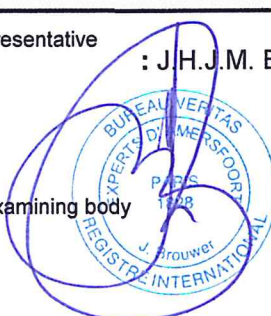

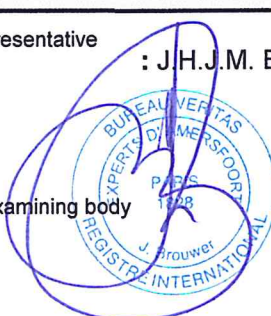

Supplemented by :

Test verified by : **B.Moorman representing Bureau Veritas** Stamp No

BUREAU VERITAS

Certifies that test pieces were prepared, welded and tested satisfactorily in accordance with the requirements of the documents indicated above.

Record issued on : **24-04-2020**

Examining body	Manufacturer
Authorized representative : J.H.J.M. Brouwer	Represented by : CTV Armaturen & Penstocks GmbH
Signature : 	Signature : 
Stamp of the examining body : 	Stamp of the manufacturer (optional)  CTV Armaturen & Penstocks GmbH Pliniusstrasse 6 48488 Emsbüren Deutschland - Germany WWW.CTV-VALVES.COM Chamber of Commerce: HRB-213681

Other identification (as necessary) :

Page 1 of 4

Approval Number: 1701509
Test Report: M106251A, B & C. M106248A & B. M106246.



19th December 2016

Akzo Nobel Powder Coatings GmbH
Markwiesenstrasse 50,
D72770 Reutlingen,
Germany

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

WATER REGULATIONS ADVISORY SCHEME LTD. (WRAS)
CONSECUTIVE MATERIAL APPROVAL

The material referred to in this letter is suitable for contact with wholesome water for domestic purposes having met the requirements of BS6920-1:2000 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'.

The reference relates solely to its effect on the quality of the water with which it may come into contact and does not signify the approval of its mechanical or physical properties for any use.

COATINGS, PAINTS & LININGS - FACTORY APPLIED PIPE & FITTINGS COATINGS.

5030

Resicoat factory applied, epoxy powder coatings. The coatings are electrostatically applied by spray onto a panel pre-heated for 15 minutes@225°C and then post cured for 15 minutes@220°C. For use with water up to 85°C. The following grades are manufactured at Germany, Reutlingen: Resicoat R4 blue: R4-ES HJ601R, R4-ES HJ605R, R4-ES HJ606R, R4-FB HJC03R, R4-FB HJC04R, R4-FB HJC06R, R4-FB HJC08R, R4-FB HJC12R PAM blue, R4-FB HJC23R, R4-FB HJC33R, R4-FB HJC34R, R4-FB HJC36R, R4-ES HJF01R, R4-ES HJF09R, R4-ES HJF10R, R4-ES HJF13R PAM blue, R4-ES HJF14R, R4-ES HJF21R, R4-ES HJF22R, R4-ES HJF23R, R4-ES HJF24R, R4-ES HJF26R, R4-ES HJF42R, R4-ES HJF47R, R4-ES HJG05R, R4-ES HJG07R, R4-ES HJG08R, R4-ES HJH01R. Resicoat R4 red/red-brown: R4-FB HGC07R, R4-FB HGC17R, R4-ES HGF03R, R4-ES HGF04R, R4-ES HGF10R, R4-ES HGF17R, R4-ES HGF20R, R4-ES HGH02R. Resicoat R4 black: R4-ES HNF04R & R4-FB HNC01R. Resicoat R4 green: R4-FB HKC71R. Resicoat R8 blue: R8-ES HJF97R, R8-FB HJC37R & R8-FB HJC38R. Resicoat R2 blue R2-ES HJF5BR. The following grades are manufactured at USA, Nashville: Resicoat R4 blue: R4-ES HJ606R, R4-ES HJF10R, R4-ES HJF24R & R4-ES HJF42R. Resicoat R4 red/red-brown: R4-FB HGC17R & R4-ES HGF17R. Resicoat R4 green: R4-ES HKF47R. The following grades are manufactured at China, Suzhou: Resicoat R4 blue: R4-FB HJC03R, R4-FB HJC06R, R4-FB HJC23R, R4-ES HJF01R, R4-ES HJF10R, R4-ES HJF13R, R4-ES HJF14R, R4-ES HJF22R, R4-ES HJF24R & R4-ES HJF42R. Resicoat R4 red/red-brown: R4-ES HGF03R, R4-ES HGF04R & R4-ES HGF17R. Resicoat R4 black: R4-ES HNF04R. Resicoat R2 blue: R2-ES HJF5BR. The following grades are manufactured at Izmir, Turkey: Resicoat R2 blue: R2-ES HJF3D4 & R2-ES HJF4D4. Resicoat R4 blue: R4-ES HJF1C4 & R4-ES HJF2C4.

APPROVAL NUMBER: 1701509

APPROVAL HOLDER: AKZO NOBEL POWDER COATINGS GMBH

This is a re-approval of 1112500 which is valid between December 2011 and December 2016.

The Scheme reserves the right to review approval.

Approval 1701509 is valid between January 2017 and January 2022

An entry, as above, will accordingly be included in the Water Fittings Directory on-line under the section headed, "Materials which have passed full tests of effect on water quality".

The Directory may be found at: www.wras.co.uk/directory

Yours faithfully

A handwritten signature in dark ink, appearing to read 'Jason Furnival', written in a cursive style.

Jason Furnival
Approvals & Enquiries Manager

Approval Number: 1801520
Test Report: MAT/LAB 708A



31st January 2018

Compounds AG
Florian Miller,
Barzloostrasse 1,
8330 Pfaffiken ZH,
Switzerland

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

WATER REGULATIONS ADVISORY SCHEME LTD. (WRAS)
MATERIAL APPROVAL

The material referred to in this letter is suitable for contact with wholesome water for domestic purposes having met the requirements of BS6920-1:2000 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'.

The reference relates solely to its effect on the quality of the water with which it may come into contact and does not signify the approval of its mechanical or physical properties for any use.

RUBBERS - ETHYLENE PROPYLENE DIENE MONOMER (EPDM) - MATERIAL ONLY.

5365

'Sunaflex T 9635'. Black coloured, compression moulded EPDM material. Shore hardness 70. Tested in-radius size 1.0mm. For use with water up to 85°C.

APPROVAL NUMBER: 1801520
APPROVAL HOLDER: COMPOUNDS AG

The Scheme reserves the right to review approval.
Approval 1801520 is valid between January 2018 and January 2023

An entry, as above, will accordingly be included in the Water Fittings Directory on-line under the section headed, "Materials which have passed full tests of effect on water quality".

The Directory may be found at: www.wras.co.uk/directory

Yours faithfully

A handwritten signature in dark ink, appearing to read 'J Furnival', written in a cursive style.

Jason Furnival
Approvals & Enquiries Manager
Water Regulations Advisory Scheme

WRAS MATERIAL APPROVAL - MATERIALS WHICH HAVE PASSED FULL TESTS OF EFFECT ON WATER QUALITY

The material referred to in this letter is suitable for contact with water for domestic purposes. **Approval of this material does not signify the approval of its mechanical or physical properties for any use.**

Manufacturers or applicants may only quote in their sales literature terms which are used in this letter, namely that; 'the material as listed, having passed the tests of effect on water quality, is suitable for use in contact with wholesome water'

This may be abbreviated to 'Water Regulations Advisory Scheme - Approved Material' or 'WRAS Approved Material'.

The scope of an Approval does not extend to rebranded materials unless otherwise agreed by the Scheme.

Use of the WRAS Approved Material Logo

Approval holders may use the WRAS Approved Material logo and make reference to any approval issued by WRAS Ltd. in respect of a particular material or range of materials provided the approval is, and remains valid.

Approval holders are entitled to use the logo on the packing, promotional literature and point of sale advertising Approved Materials.

Modifications to existing Approvals

It is a condition of WRAS Material Approval that NO changes or modifications to the Approved Material, be made without the Approval Holder first notifying WRAS Ltd. Full details of the proposed changes must be provided to the Scheme. Failure to comply with this condition will immediately invalidate a previously granted Approval.

Re-Approval

WRAS will write to you 1 year before the approval expires asking whether you would like to renew it. Please complete the relevant section of the MA3 application form which will be included with the letter and return to WRAS (via e-mail or post).

Please note it is the responsibility of the Approval Holder to ensure the Approval remains valid. WRAS Ltd. accepts no liability for the delay in granting approval where this is caused by circumstances outside of the Scheme's control.



CTV Armaturen & Penstocks GmbH



Official Manufacturer No: 27173

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48488 Emsbueren - Germany
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