

BRL-K602

2023-04-21

Evaluation Guideline

for the Kiwa product certificate for closing accessories for drinking water transport and drinking water distribution systems.



**Trust
Quality
Progress**

Preface Kiwa

This Evaluation Guideline (BRL) has been accepted by the Kiwa Board of Experts Watercycle (CWK), in which all relevant parties in the field of [Drinking water appliances] are represented. This Board of Experts also supervises the certification activities and will adjust this BRL if required. All references to Board of Experts in this evaluation guideline pertain to the above mentioned Board of Experts.

This evaluation guideline will be used by Kiwa in conjunction with the Kiwa Regulations for Certification, which include the general rules employed by Kiwa for its certification activities.

Kiwa Nederland B.V.

Sir Winston Churchillaan 273
Postbus 70
2280 AB RIJSWIJK

Telephone: Tel. +31 88 998 44 00
NL.Kiwa.info@Kiwa.com
www.kiwa.com

© 2024 KIWA N.V.

All rights reserved. No part of this report may be reproduced, stored in a database or retrieval system, or published, in any form or in any way, electronically, mechanically, by print, photoprint, microfilm or any other means without prior written permission from the publisher.

The use of this Evaluation Guideline by third parties, for any purpose whatsoever, is only allowed after a written agreement is made with Kiwa to this end.

Binding declaration

This evaluation guideline has been declared binding by Kiwa effective 2023-04-21.

Content

1	Introduction	4
1.1	General	4
1.2	Field of application / scope	4
1.3	Acceptance of tests reports provided by the supplier	4
1.4	Quality declaration	4
2	Terminology	5
2.1	Definitions	5
3	Procedure for obtaining a quality declaration	6
3.1	Granting the certificate	6
3.2	Investigation into the product and/or performance requirements	6
3.3	Production process assessment	6
3.4	Contract assessment	6
4	Product requirements	7
4.1	General	7
4.2	Regulatory requirements	7
4.2.1	Requirements to avoid deterioration of the quality of drinking water	7
4.2.2	Lubricants	7
4.3	Private law requirements	7
4.3.1	Product requirements	7
4.3.2	Additional product requirements	8
4.3.2.1	Rubber for elastic sealing elements	8
4.3.2.2	Corrosion-resistant protective layers	8
4.3.2.3	Types of connection and interchangeability	8
4.3.2.4	Hygienic treatment of products in contact with drinking water	8
5	Marking	9
5.1	General	9
5.2	Certification mark	9
6	Requirements in respect of the quality system	10
6.1	Manager of the quality system	10
6.2	Internal quality control/quality plan	10
6.3	Management of test and measuring equipment	10
6.4	Procedures and working instructions	10
6.5	Other requirements	10

7	Summary of tests and inspections	11
7.1	Test matrix	11
7.2	Inspection of the quality system	12
8	Agreements on the implementation of certification	13
8.1	General	13
8.2	Certification staff	13
8.2.1	Competence criteria certification staff	13
8.2.2	Qualifications	14
8.3	Report on Initial investigation	14
8.4	Decision for granting the certificate and/or imposition of measures	14
8.5	Layout of quality declaration	15
8.6	Nature and frequency of third party assessments	15
8.7	Report to the Board of Experts	15
8.8	Non conformities	15
8.9	Interpretation of requirements	16
8.10	Specific rules set by the Board of Experts	16
9	Titles of standards	17
9.1	Public law rules	17
9.2	Standards / normative documents	17
I	Model certificate (sample)	18
II	Model IQC Scheme (sample)	19

1 Introduction

1.1 General

The requirements included in this evaluation guideline will be employed by Kiwa when dealing with an application and the maintenance of a certificate for product used for float operated valves for flushing cisterns.

This guideline replaces the evaluation guideline BRL-602 dated 09-04-2018. The quality declarations that have been published based on that BRL (EN1074—1, -2, -3 and -5) will not lose their validity.

When carrying out certification activities, Kiwa is bound by the requirements laid down in NEN-EN ISO/IEC 17065.

1.2 Field of application / scope

The float operated valves are intended to be applied in flushing cisterns which are connected to WC-pans. They have the purpose to open when the cistern is being flushed and shut off the water supply when the required water level is reached.

The float operated valves in flushing cisterns are intended to be installed in a drinking water installation with a maximum working pressure of 1000 kPa and a maximum water temperature of 30 °C.

1.3 Acceptance of tests reports provided by the supplier

With regard to the requirements included in this evaluation guideline, the applicant, in the view of third party assessments, can submit conformity reports issued by evaluation bodies to prove that the requirements of this BRL are being met. It will have to be demonstrated that the relevant inspection, analysis, test, and/or evaluation reports have been prepared by an institution that meets the corresponding applicable accreditation standard, namely:

- NEN-EN-ISO/IEC 17020 for inspection bodies,
- NEN-EN-ISO/IEC 17021 for certification bodies certifying management systems,
- NEN-EN-ISO/IEC 17024 for certification bodies certifying persons,
- NEN-EN-ISO/IEC 17025 for laboratories,
- NEN-EN-ISO/IEC 17065 for certification bodies certifying products.

Remark:

This requirement is considered to be fulfilled when a certificate of accreditation can be shown, issued either by the Board of Accreditation (RvA) or by one of the institutions with which an agreement of mutual recognition and acceptance of accreditation has been concluded by the Board of Accreditation. If no certificate of accreditation can be submitted, the certification institution itself will verify if the accreditation criteria have been met.

1.4 Quality declaration

The quality declarations to be issued by Kiwa based on this evaluation guideline will be referred to as Kiwa product certificate.

A model of the certificate to be issued on the basis of this evaluation guideline has been included.

2 Terminology

2.1 Definitions

In this evaluation guideline, the following terms and definitions apply:

- **Board of Experts:** the Board of Experts Water cycle (CWK).
- **Certification mark:** a protected trademark of which the authorization of the use is granted by Kiwa, to the supplier whose products can be considered to comply on delivery with the applicable requirements and possibly with quality information on the application of the product is added by a specially designed label which is based on the result, as stated in the report issued by Kiwa on the inspection of the prototype.
- **Closing accessory:** a closing accessory is a component of a piping system that the flow of media arranged by opening, closing or partly blocking the passage of the flow of the media passing through.
- **Distribution network:** assembly of pipelines and connected couplings, valves and other technical facilities for the transport and delivery of drinking water, not being a collective pipeline network (source: Drinking Water Act).
- **Drinking water:** water intended or partly intended for drinking, cooking or food preparation or other domestic purposes, but does not include hot water, and is made available by pipeline to consumers or other customers.
- **Drinking water installation:** an installation direct or in-direct connected to the public drinking water distribution network of a drinking water company (source Dutch drinking water act)
- **Evaluation Guideline (BRL):** the agreements made within the Board of Experts on the subject of certification
- **Installation:** configuration consisting of the pipe work, fittings and appliances;
- **Inspection tests:** tests carried out after the certificate has been granted in order to ascertain whether the certified products continue to meet the requirements recorded in the evaluation guideline.
- **IQC scheme (IQCS):** a description of the quality inspections carried out by the supplier as part of his quality system.
- **Pre-certification tests:** tests in order to ascertain that all the requirements recorded in the evaluation guideline are met.
- **Private Label Certificate:** A certificate that only pertains to products that are also included in the certificate of a supplier that has been certified by Kiwa, the only difference being that the products and product information of the private label holder bear a brand name that belongs to the private label holder
- **Product certificate:** a document in which Kiwa declares that a product may, on delivery, be deemed to comply with the product specification recorded in the product certificate.
- **Product requirements:** requirements made specific by means of measures or figures, focussing on (identifiable) characteristics of products and containing a limiting value to be achieved, which can be calculated or measured in an unequivocal manner.
- **Supplier:** the party that is responsible for ensuring that the products meet and continue to meet the requirements on which the certification is based.

3 Procedure for obtaining a quality declaration

3.1 Granting the certificate

After completing the initial investigation, the results are presented to the Decision maker (see §9.2). This person evaluates the results and decides whether the certificate can be granted or if additional data and/or tests are necessary before the certificate can be granted.

3.2 Investigation into the product and/or performance requirements

Kiwa will investigate the products to be certified against the certification requirements as stated in this evaluation guideline or will have them investigated on its behalf. The required samples will be drawn by or on behalf of Kiwa.

3.3 Production process assessment

When assessing the production process, it is investigated whether the producer is capable of continuously producing products that meet the certification requirements. The evaluation of the production process takes place during the ongoing work at the producer.

The assessment will at least include:

- The quality of raw materials, semi-finished products, and end products;
- Internal transport and storage.

3.4 Contract assessment

If the supplier is not the producer of the products to be certified, Kiwa will assess the agreement between the supplier and the producer.

This written agreement, which is available to Kiwa, must at least include:

That accreditation bodies, scheme managers and Kiwa will be given the opportunity to observe the certification activities carried out by Kiwa or on behalf of Kiwa at the producer.

4 Product requirements

4.1 General

This chapter describes the requirements Product shall meet, as well as the determination methods to establish that the requirements are being met.

4.2 Regulatory requirements

4.2.1 *Requirements to avoid deterioration of the quality of drinking water*

Products and materials which (may) come into contact with drinking water or warm tap water, shall not release substances in quantities which can be harmful to the health of the consumer, or negatively affect the quality of the drinking water. Therefore, the products or materials shall meet toxicological, microbiological and organoleptic requirements as laid down in the currently applicable "Ministerial Regulation materials and chemicals drinking water and warm tap water supply", (published in the Government Gazette). Consequently, the procedure for obtaining a recognised quality declaration, as specified in the currently effective Regulation, has to be concluded with positive results.

Products and materials with a quality declaration¹, e.g. issued by a foreign certification institute, are allowed to be used in the Netherlands, provided that the Minister has declared this quality declaration equivalent to the quality declaration as meant in the Regulation.

4.2.2 *Lubricants*

Lubricants that are used during assembly or permanently and come into contact with the drinking water must comply with article 4.2.1.

4.3 Private law requirements

4.3.1 *Product requirements*

The requirements of the product are specified in:

Number	Title
NEN-EN 1074-1	Valves for water supply – Fitness for purpose requirements and appropriate verification tests – Part 1: General requirements
NEN-EN 1074-2	Valves for water supply – Fitness for purpose requirements and appropriate verification tests – Part 2: Isolating valves
NEN-EN 1074-3	Valves for water supply – Fitness for purpose requirements and appropriate verification tests – Part 3: Check valves
NEN-EN 1074-4	Valves for water supply - Specification for use and appropriate verification tests - Part 4: Float type purgers and air valves
NEN-EN 1074-5	Valves for water supply – Fitness for purpose requirements and appropriate verification tests – Part 5: Control valves

¹ A quality declaration issued by an independent certification institute in another member state of the European Community or another state party to the agreement to the European Economic Area, is equivalent to a recognized quality declaration, to the extent that, to the judgment of the Minister of the first mentioned quality declaration, is fulfilled the at least equivalent requirements as meant in the Regulation materials and chemicals drinking water- and warm tap water supply.

4.3.2 Additional product requirements

4.3.2.1 Rubber for elastic sealing elements

Rubber must comply with BRL-K17504 "Vulcanized rubber products for drinking water applications" with regard to the influence on drinking water and the physical and mechanical properties.

Natural rubber (NR) and Isoprene rubber (IR) are not allowed.

4.3.2.2 Corrosion-resistant protective layers

Anticorrosion protective coatings and paint systems must comply with BRL-K759 "Coating systems for drinking water installations".

4.3.2.3 Types of connection and interchangeability

- If, in addition to article 4.6 of NEN-EN 1074-1, different types of connecting ends are used, they shall comply with BRL-K775 "Ductile cast-iron flange couplings for ductile cast-iron piping systems" and BRL-K773 "Ductile cast-iron pipe fittings of PVC-U, PVC-O or PE for the transport of drinking water".
- Installation dimensions shall comply with NEN-EN 558, depending on the wishes of the user, a different installation length may be permitted.

4.3.2.4 Hygienic treatment of products in contact with drinking water

The supplier must have a procedure in place that protects the products in such a way that hygiene is ensured during storage and transport.

Furthermore, the supplier shall inform the customer about the handling of delivered products which come into contact with drinking water and warm tap water, from arriving at the installation site through to the realization and commissioning. The primary reason for providing this information is to contribute to the awareness of the importance of hygienic working as a "prevention measure."

5 Marking

5.1 General

The products shall be marked with following indelible marks and indications:

NEN-EN 1074-1, article 7:

- DN indication;
- PN indication;
- Manufacturer's indication;
- Indication of the production year;
- Indication of the applicable standard part.

NEN-EN 1074-2, article 7:

- According to article 7, NEN-EN 1074-1;

NEN-EN 1074-3, article 7:

- According to article 7, NEN-EN 1074-1;
- Indication flow direction

NEN-EN 1074-4, artikel 7:

- According artikel 7, NEN-EN 1074-1;


NEN-EN 1074-5,

- According to article 7, NEN-EN 1074-1.

5.2 Certification mark

After concluding a Kiwa certification agreement, the certified products shall be indelible marked with the certification mark.

For products which come in contact with drinking water:

The Kiwa Water Mark “**KIWA** ”

6 Requirements in respect of the quality system

This chapter contains the requirements that have to be met by the supplier's quality system.

6.1 Manager of the quality system

Within the supplier's organizational structure, an employee who will be in charge of managing the supplier's quality system must have been appointed.

6.2 Internal quality control/quality plan

The supplier shall have an internal quality control scheme (IQC scheme) which is applied by them.

The following must be demonstrably recorded in this IQC scheme:

- which aspects must be inspected by the supplier;
- according to what methods such inspections are carried out;
- how often these inspections are carried out;
- in what way the inspection results are recorded and kept.

This IQC scheme should at least be an equivalent derivative of the model IQC scheme as shown in the Annex.

6.3 Management of test and measuring equipment

The supplier shall verify the availability of necessary test and measuring equipment for demonstrating product conformity with the requirements in this evaluation guideline.

If and when required, the test and measuring equipment shall be calibrated at specified intervals.

The supplier shall record and evaluate the validity of the previous measuring data if at the time of calibration it is established that the equipment is not functioning properly. The measuring equipment in question must carry an identification that allows for determining the calibration status.

The supplier shall record the results of the calibration.

6.4 Procedures and working instructions

The supplier shall be able to submit the following:

- procedures for:
 - dealing with product showing deviations;
 - corrective actions to be taken if non-conformities are found;
 - dealing with complaints about product and/or services delivered;
- the working instructions and inspection forms used.

6.5 Other requirements

The supplier shall be able to submit the following:

- the organisation's organogram;
- qualification requirements of the personnel concerned.

7 Summary of tests and inspections

This chapter contains an overview of the steps required for certification:

- **initial investigation:** the investigation to determine that compliance is given to all the requirements laid down in the evaluation guideline;
- **follow-up investigation:** the investigation carried out after granting the certificate to determine that the certified product continue to be in compliance with the requirements laid down in the evaluation guideline; the required frequency for the follow-up investigation by the certification body (CI) is also specified;
- **inspection of the quality system of the supplier:** monitoring compliance of the IQC scheme and procedures.

7.1 Test matrix

Description of requirement	Article no. of BRL	Tests within the scope of:	
		Pre-certification	Inspection by Kiwa after granting of certificate _{a,b)}
Material	BRL-K602		
Requirements to avoid deterioration of the quality of the drinking water	4.2.1	X	X
Lubricants	4.2.2	X	X
Rubber for elastic sealing elements	4.3.2.1	X	X
Corrosion-resistant protective layers	4.3.2.2	X	X
Hygienic treatment of products in contact with water	4.3.2.4	X	X
Certification Mark	5	X	X
	NEN-EN 1074-1		
Design of the shell and valve	4.5	X	
End types and interchangeability	4.6	X	
Resistance of the housing and other parts against internal pressure	5.1.1	X	
Resistance of the obturator against differential pressure	5.1.2	X	X
Resistance of the valves to bending	5.1.3	X	
Resistance of the valve to operating loads	5.1.4	X	
Leak-tightness at internal pressure	5.2.1.1	X	X
Leak-tightness at external pressure	5.2.1.2	X	
Seat tightness at high differential pressure	5.2.2.1	X	X
Seat tightness at low differential pressure	5.2.2.2	X	X
Maximum operating torque for operation and leak-tightness	5.2.3	X	X
Leak-tightness of gearboxes to external pressure	5.2.4	X	
Resistance to disinfection products	5.4	X	
Marking	7	X	X
	NEN-EN 1074-2		
Endurance	5.5	X	
	NEN-EN 1074-3		

Description of requirement	Article no. of BRL	Tests within the scope of:	
		Pre-certification	Inspection by Kiwa after granting of certificate a,b)
Hydraulic characteristics	5.3	X	
Endurance	5.5	X	
NEN-EN 1074-4			
Air release function	5.3.1	X	
Air intake function	5.3.2	X	
Air venting function	5.3.3	X	
Endurance of valves with air intake and/or air release functions	5.5.1	X	
Endurance of valves with an air venting function	5.5.2	X	
Long term unseating test	5.5.3	X	
NEN-EN 1074-5			
Hydraulic characteristics	5.3	X	
Endurance	5.5	X	

- a) In case of process or production process changes, it shall be determined again in consultation between the supplier and Kiwa, if the product complies with the performance requirements.
- b) During the follow-up investigation, the inspector will inspect the product by means of a selection of the above mentioned marked product requirements. The frequency of the follow-up visits is defined in §8.6 of this BRL.

7.2 Inspection of the quality system

The supplier's quality system will be assessed by Kiwa.

The inspection contains at least those aspects mentioned in the Kiwa regulations of certification.

8 Agreements on the implementation of certification

8.1 General

Beside the requirements included in these evaluation guidelines, the general rules for certification as included in the Kiwa Regulations for Product Certification also apply. These rules are in particular:

- the general rules for conducting the pre-certification tests, in particular:
 - the way suppliers are to be informed about how an application is being handled;
 - how the tests are conducted;
 - the decision to be taken as a result of the pre-certification tests.
- the general rules for conducting inspections and the aspects to be audited,
- the measures to be taken by Kiwa in case of non-Conformities,
- the measures taken by Kiwa in case of improper use of Certificates, Certification Marks, Pictograms and Logos,
- terms for termination of the certificate,
- the possibility to lodge an appeal against decisions of measures taken by Kiwa.

8.2 Certification staff

The staff involved in the certification may be sub-divided into:

- Certification assessor (**CAS**): in charge of carrying out the design and documentation evaluations, pre-certification tests, initial investigations, and evaluation of applications and reviewing conformity assessments.
- Site assessor (**SAS**): in charge of carrying out external inspections at the supplier's works;
- Decision maker (**DM**): in charge of taking decisions in connection with the pre-certification tests carried out, continuing the certification based on the inspections carried out and taking decisions on the need to take corrective actions.

8.2.1 Competence criteria certification staff

The competence criteria for the implementing certification staff are laid down in the following table. The competence of the certification staff involved must have been demonstrably recorded.

Basic competences	Evaluation criteria
Knowledge of company processes. Skills for conducting professional assessments on products, processes, services, installations, design, and management systems.	<i>Relevant work experience</i> SAS, CAS: 1 year DM: 5 years, including 1 year related to certification Relevant technical knowledge and experience at the level of: SAS: High school CAS, DM: Bachelor
Skills with regard to site assessments to be performed Adequate communication skills (e.g. writing reports, presentation skills and interviewing skills).	SAS: Kiwa Assessment training or equivalent and 4 site assessments including 1 supervised self-reliant assessment.
Execution of Initial Investigation	CAS: 3 initial assessments under supervision.
Conducting reviews	CAS: evaluation of 3 reviews

Technical competences	Evaluation criteria
Education	General: Education in one of the following technical areas: <ul style="list-style-type: none"> • Civil Engineering; • Engineering.
Testing skills	General: <ul style="list-style-type: none"> • 1 week laboratory training (general and scheme specific) including measuring techniques and conducting tests under supervision; • Conducting tests (per scheme).
Experience – specific	CAS <ul style="list-style-type: none"> • 3 complete applications (excluding the initial assessment of the production site) under the direction of the PM. • 1 complete application self-reliant (to be evaluated by PM). • 1 initial assessment of the production site under the direction of the PM. • 1 initial assessment of the production site self-reliant (witnessed by PM) SAS <ul style="list-style-type: none"> • 4 inspection visits together with a qualified SAS • 2 inspection visits conducted self-reliant (witnessed by PM)
Skills in performing witnessing	PM Internal training witness testing

Legenda:

- Product manager: (**PM**)
- Site assessor (**SAS**)
- Certification assessor (**SAS**)
- Reviewer (**RV**)
- Decision maker (**DM**)

8.2.2 Qualifications

The qualification of the Certification staff shall be demonstrated by means of assessing the education and experience to the above-mentioned requirements. In case staff is to be qualified on the basis of deflecting criteria, written records shall be kept.

The authority to qualify staff rests with the:

- PM: qualification of CAS and SAS;
- management of the certification body: qualification of DM.

8.3 Report on Initial investigation

The certification body records the results of the initial investigation in a report. This report shall comply with the following requirements:

- completeness: the report provides a verdict about all requirements included in the evaluation guideline;
- traceability: the findings on which the verdicts have been based shall be recorded and traceable;
- basis for decision: the DM shall be able to base their decision on the findings included in the report.

8.4 Decision for granting the certificate and/or imposition of measures

The decision for granting the certificate shall be made by a qualified Decision maker which has not been involved in the pre-certification tests. The decision shall be recorded in a traceable manner.

8.5 Layout of quality declaration

The product certificate shall be in accordance with the model included as appendix.

8.6 Nature and frequency of third party assessments

The certification body shall carry out surveillance assessments on site at the supplier to verify compliance with their obligations. The Board of Experts decides on the frequency of assessments.

At the time this BRL entered into force, the frequency of audits amounts 2 audit(s) on site per year for suppliers with a quality management system in accordance with ISO 9001 for their production, which has been certified by an acknowledged body (in accordance with ISO/IEC 17021) and where the IQC scheme forms an integral part of the quality management system.

In case the supplier is not in possession of any product certificate or quality management system certificate (issued by Kiwa or any other accredited certification body), the frequency is increased to 3 visits for the duration of one year.

The audit program on site shall cover at least:

- the product requirements;
- the production process;
- the suppliers IQC scheme and the results obtained from inspections carried out by the supplier;
- the correct way of marking certified products;
- compliance with required procedures;
- handling complaints about products delivered.

For suppliers with a private label certificate the frequency of audits amounts to one audit per two years. These audits are conducted at the site of the private label certificate holder. The audits are conducted at the site of private label holder and focussed on the aspects inserted in the IQC scheme and the results of the control performed by the private label holder. The IQC scheme of the private label holder shall refer to at least:

- the correct way of marking certified products;
- compliance with required procedures for receiving and final inspection;
- the storage of products and goods;
- handling complaints.

The results of each assessment shall be recorded by Kiwa in a traceable manner in a report.

8.7 Report to the Board of Experts

The certification body shall report at least annually about the performed certification activities. In this report the following aspects shall be included:

- mutations in number of issued certificates (granted/withdrawn);
- number of executed assessments in relation to the established minimum;
- results of the inspections;
- measures imposed in case of nonconformities;
- complaints received from third parties about certified products.

8.8 Non conformities

When the certification requirements are not met, measures are taken by Kiwa in accordance with the sanctions policy as written in the Kiwa Regulation for Certification. The Kiwa Regulation for Certification and the Sanctions Policy are available page on the Kiwa website.

8.9 Interpretation of requirements

The Board of Experts may record the interpretation of requirements of this evaluation guideline in one separate interpretation document.

8.10 Specific rules set by the Board of Experts

The Board of Experts may define the following specific rules. These rules shall be followed by the certification body when performing their certification activities.

9 Titles of standards

9.1 Public law rules

BJZ2011048144 Regulation from the State Secretary for Instructure and
June 29, 2011 Environment¹

9.2 Standards / normative documents

Number	Title
BRL-K759	Conformity for coating systems for drinking water applications
BRL-K773	Ductile cast-iron pipe fittings of PVC-U, PVC-O or PE for the transport of drinking water
BRL-K775	Ductile cast-iron flange couplings for ductile cast-iron piping systems
BRL-K17504	Vulcanised rubber products for cold and hot drinking water applications
NEN-EN 558	Industrial valves – Face-to-face and centre-to-face dimensions of metal valves for use in flanged pipe systems – PN and Class designated valves
NEN-EN 736-1	Valves - Terminology - Part 1: Definition of types of valves
NEN-EN 1074-1	Valves for water supply – Fitness for purpose requirements and appropriate verification tests – Part 1: General requirements
NEN-EN 1074-2	Valves for water supply – Fitness for purpose requirements and appropriate verification tests – Part 2: Isolating valves
NEN-EN 1074-3	Valves for water supply – Fitness for purpose requirements and appropriate verification tests – Part 3: Check valves
NEN-EN 1074-4	Valves for water supply - Specification for use and appropriate verification tests - Part 4: Float type purgers and air valves
NEN-EN 1074-5	Valves for water supply – Fitness for purpose requirements and appropriate verification tests – Part 5: Control valves
NEN-EN ISO/IEC 17020	Conformity assessment - General criteria for the operation of various types of bodies performing inspection
NEN-EN ISO/IEC 17021	Conformity assessment - Requirements for bodies providing audit and certification of management systems
NEN-EN ISO/IEC 17024	Conformity assessment - General requirements for bodies operating certification of persons
NEN-EN ISO/IEC 17025	General requirements for the competence of testing and calibration laboratories
NEN-EN ISO/IEC 17065	Conformity assessment - Requirements for bodies certifying products, processes and services

I Model certificate (sample)



CERTIFICATE

Product certificate KXXXXX-X



Issued 2024-XX-XX
Replaces KXXXXX-X
Page 1 of 1

Closing valves

STATEMENT BY KIWA

With this product certificate, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products supplied by

Certificate Holder

as specified in this product certificate and marked with the Kiwa®-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with Kiwa evaluation guideline

BRL-K602: "Valves, control valves and check valves for drinking water transport and distribution systems" dated [dd-mm-yy],

which covers the requirements of

NEN-EN 1074-1: 2000: "Valves for water supply – Fitness for purpose requirements and appropriate verification tests – Part 1: General requirements"

NEN-EN 1074-2: 2000: "Valves for water supply – Fitness for purpose requirements and appropriate verification tests – Part 2: Isolating valves"

NEN-EN 1074-3: 2000: "Valves for water supply – Fitness for purpose requirements and appropriate verification tests – Part 3: Check valves"

NEN-EN 1074-4: 2000: "Valves for water supply - Specification for use and appropriate verification tests - Part 4: Float type purgers and air valves"

NEN-EN 1074-5: 2001: "Valves for water supply – Fitness for purpose requirements and appropriate verification tests – Part 5: Control valves"



Publication of this certificate is allowed.

Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.

Kiwa Nederland B.V.
Sir Winston Churchilllaan 273
Postbus 70
2280 AB RIJSWIJK
The Netherlands
Tel. +31 88 998 44 00
Fax +31 88 998 44 20
NL.Kiwa.info@Kiwa.com
www.kiwa.nl

Company
(adres)



Certification process
consists of initial and
regular assessment of:

- quality system
- product

II Model IQC Scheme (sample)

Inspection subjects	Inspection aspects.	Inspection method	Inspection frequency	Inspection registration
Raw materials or materials supplied: <ul style="list-style-type: none"> • incoming goods inspection raw materials • incoming goods inspection semi-finished products 				
Production process, production equipment, plant: <ul style="list-style-type: none"> • procedures • working instructions • equipment • material • surface 				
Finished products <ul style="list-style-type: none"> • closing • water-tightness 				
Measuring and testing equipment <ul style="list-style-type: none"> • measuring equipment • calibration 				
Logistics <ul style="list-style-type: none"> • marking • traceability • protections 				