BRL-K618 [A1]
2020-07-07
replaces
BRL-K618/08
2018-01-15

Evaluation Guideline

for the Kiwa product certificate for
Water meters

Trust
Quality
Progress

Preface

This evaluation guideline has been accepted by the Kiwa Board of Experts Watercycle (CWK), in which all relevant parties in the field of water meters are represented. The Board of Experts also supervises the certification activities and where necessary requires the evaluation guideline to be revised. 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.

Acoustic properties
It was decided to remove the section on requirements for the acoustic properties in this version of the evaluation guideline.
The sound that a water meter produces in practice is caused by a combination of factors which are difficult to standardize. Factors include the water meter properties, the configuration of the downstream water installation and the water-use pattern of the user. In addition, not every user finds a particular sound distracting.

[A1] On July 7, 2020 this BRL has been amended by means of an amendment sheet.
The quality declarations issued on the basis of evaluation guideline BRL-K618/08 dated January 15, 2018 remain valid.

The amendment concerns the following.

The sequence number has been removed.
BRL-K618/08 is now BRL-K618

4.3.2.1 Hygienic treatment of products in contact with drinking water.
This section has been amended.

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Validation
This evaluation guideline has been validated by Kiwa on 15 January 2018

Contents

1 Introduction

1.1 General

This evaluation guideline includes all relevant requirements which are adhered to by Kiwa as the basis for the issue and maintenance of a product certificate for water meters.

This evaluation guideline replaces BRL-K618/07 d.d. 2012-02-01.
Certificates issued on basis of BRL-K618/07, 618/06 and 618/05 lose their validity after 2020-06-21.

For the performance of its certification work, Kiwa is bound to the requirements as included in NEN-EN-ISO/IEC 17065 “Conformity assessment - Requirements for bodies certifying products, processes and services”.

1.2 Field of application / scope

The products are intended to be used in closed and filled drinking water installations in order to measure the quantities of water flowing through per time and in total.
The totalized units can be used by drinking water suppliers to charge the owner/operator of the connected drinking water system for the quantity of drinking water used.

1.3 Acceptance of test reports provided by the supplier

If the supplier provides reports from test institutions or laboratories to prove that the products meet the requirements of this evaluation guideline, the supplier shall prove that these reports have been drawn up by an institution that complies with the applicable accreditation standards, namely:

- NEN-EN-ISO/IEC 17020 for inspection bodies;
- NEN-EN-ISO/IEC 17021 for certification bodies certifying 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 acceptance has been concluded by the RvA. The accreditation shall refer to the examinations as required in this evaluation guideline. When no certificate of accreditation can be shown, Kiwa shall verify whether the accreditation standard is fulfilled.

1.4 Quality declaration

The quality declaration to be issued by Kiwa is described as a Kiwa product certificate.
A model of the certificate to be issued on the basis of this evaluation guideline has been included for information as an annex.

2 Terms and definitions

2.1 Definitions

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

- **Board of Experts**: the Board of Experts Watercycle (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;
- **Evaluation Guideline (BRL)**: the agreements made within the Board of Experts on the subject of certification;
- **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 (source Dutch Drinking Water Act);
- **Drinking water installation:** an installation directly or indirectly connected to the public drinking water distribution network of a drinking water company (source Dutch Drinking Water Act);
- **Installation:** configuration consisting 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 granting a product certificate

3.1 Pre-certification tests

The pre-certification tests to be performed are based on the (product) requirements as contained in this evaluation guideline, including the test methods, and comprises the following:

- type testing to determine whether the products comply with the product and/or functional requirements;
- production process assessment;
- assessment of the quality system and the IQC-scheme;
- assessment on the presence and functioning of the remaining procedures.

3.2 Granting the product certificate

After finishing the pre-certification tests, the results are presented to the Decision maker (see 8.2) deciding on granting the certificate. This person evaluates the results and decides whether the certificate can be granted or if additional data and/or tests are necessary.

4 Requirements

4.1 General

This chapter contains the requirements the water meters shall fulfil, as well as the testing methods used to determine whether the requirements are met.

4.2 Regulatory requirements

4.2.1 Suitability for contact with 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 declaration[1], 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.

4.3 Private requirements

4.3.1 Product requirements

The requirements of the product and assessment methods are specified in the following standards,

NEN-EN-ISO 4064-1	Water meters for cold potable water and hot water – Part 1: Metrological and technical requirements (ISO 4064-1:2017)
NEN-EN-ISO 4064-2	Water meters for cold potable water and hot water – Part 2: Test methods (ISO 4064-2:2017)
NEN-EN-ISO 4064-4	Water meters for cold potable water and hot water – Part 4: Non-metrological requirements not covered in ISO 4064-1 (ISO 4064-4:2014)

4.3.2 Additional product requirements

In addition to the requirements listed under 4.3.1, the following requirements apply:

4.3.2.1 *Hygienic treatment of products in contact with drinking water*

The supplier shall have a procedure to protect the products in such a way that hygiene is ensured during storage and transport.
In addition, the supplier shall inform customers about handling of the products supplied under the certificate that come into contact with drinking water and hot water, during the period from arriving at the construction site through to the execution and commissioning.
The primary reason for the information is the contribution to the awareness of the importance of hygienic work as a 'preventive measure', as described in sections 8.1.1 and 8.2 of the Drinking Water Hygienic Code[2].

[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.
[2] Drinking Water Hygienic Code
Section 8.1.1 and 8.2 of the Drinking Water Hygienic Code

4.3.2.2 *Corrosion preventive coatings*
For corrosion-resistant coatings on materials that come into contact with drinking water, a recognized quality certificate shall be issued.

The applied corrosion coatings and paint coatings shall, where applicable, comply with the requirements of the Kiwa evaluation guideline BRL-K759 “Coating systems for drinking water applications”.

> **Note***:*
> If the applied coating is included in a Kiwa product certificate according to BRL-K759 then this condition is considered to be met.

4.3.2.3 *Application of corrosion preventive coatings*
The application of corrosion preventive coatings in contact with drinking water shall at minimum meet the aspects of the IQC-scheme.

> **Note:**
> If the coating process is included in a Kiwa product certificate according to BRL-K746 then this condition is considered to be met.

4.3.2.4 *Assessment of the internal stresses in the material*
Water meters housing made of a metal alloy with a minimum wall thickness of less than 1.4 mm shall not show any cracks after a test according to EN 14977.

4.3.2.5 *Mechanical processes*
If surfaces of the housing and/or components are mechnically worked, then the entire surface shall be worked. *Mechanical processes*

4.3.2.6 *Deviating installation lengths*
At the request of the supplier a deviating installation length may be permitted, if the supplier can demonstrate that this deviating length has no influence on the functioning of the water meter as described in NEN-EN-ISO 4064, part 1 and part 2.

5 Marking

5.1 General

The products shall be marked with indelible marks and indications according to NEN-EN-ISO 4064-1, article 6.6.1 and article 6.6.2.

5.2 Certification mark

After concluding a Kiwa certification agreement, the certified products shall, , be indelible marked with the certification mark.
The products designed to come into direct contact with drinking water:
"KIWA".

6 Requirements in respect of the quality system

This chapter contains the requirements which 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 him.

The following must be demonstrably recorded in this IQC scheme:

- which aspects are checked 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 Control 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.
When required the equipment shall be kept calibrated (e.g recalibration at interval).
The status of actual calibration of each equipment shall be demonstrated by traceability through an unique ID.
The supplier must keep records of the calibration results.
The supplier shall review the validity of measuring data when it is established at calibration that the equipment is not suitable anymore.

6.4 Procedures and working instructions

The supplier shall be able to submit the following:

- procedures for:
  - dealing with products showing deviations;
  - corrective actions to be taken if non-conformities are found;
  - dealing with complaints about products 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 a summary of the following tests and inspections to be carried out in the event of certification:

- **pre-certification tests:** tests in order to ascertain that all the requirements recorded in the evaluation guideline are met.
- **inspection test:** 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.
- **inspection of the quality system of the supplier:** monitoring compliance of the IQC scheme and procedures.

7.1 Test matrix

Description of requirements	Article BRL	Tests within the scope of	
		Pre-certification	Inspection a), b)
BRL-K618			
Material requirements			
Suitability for contact with drinking water	4.2.1	X	X
Product requirements			
Hygienic treatment of products in contact with drinking water	4.3.2.1	X	X
Corrosion preventive coatings	4.3.2.2	X	X
Application of corrosion preventive coatings	4.3.2.3	X	X
Assessment of the internal stresses in the material	4.3.2.4	X	
Mechanical processes	4.3.2.5	X	X
Marking			
General	5.1	X	X
Certification mark	5.2	X	X
NEN-EN-ISO 4064-1 and 2			
Metrological requirements			
Values of Q1, Q2, Q3, and Q4	4.1	X	X
Accuracy class 1 water meters	4.2.2	X	X
Accuracy class 2 water meters	4.2.3	X	X
Meter temperature classes	4.2.4	X	X
Water meters with separable calculator and measurement transducer	4.2.5	X	X
Relative error of indication NEN-EN-ISO 4064-2:2017, 7.4	4.2.6	X	X
Reverse flow NEN-EN-ISO 4064-2:2017, 7.8	4.2.7	X	
Water temperature and water pressure NEN-EN-ISO 4064-2:2017, 7.5	4.2.8	X	

NEN-EN-ISO 4064-2:2017, 7.7			
Absence of flow or of water	4.2.9	X	
Static pressure NEN-EN-ISO 4064-2:2017, 7.3	4.210	X	
Connections between electronic parts	4.3.1	X	
Adjustment device	4.3.2	X	
Correction device	4.3.3	X	
Calculator	4.3.4	X	X
Indicating device	4.3.5	X	X
Ancillary devices	4.3.6	X	
Water meters equipped with electronic devices	5		
General requirements	5.1	X	
External power supply	5.2.2	X	
Non-replaceable battery	5.2.3	X	
Replaceable battery	5.2.4	X	X
Technical requirements	6		
Materials and construction of water meters	6.1	X	X
Adjustment and correction	6.2	X	X
Installation conditions	6.3	X	
influence of disturbed velocity fields NEN-EN-ISO 4064-2:2017, 7.10	6.3.5	X	
Rated operating conditions	6.4	X	
Pressure loss NEN-EN-ISO 4064-2:2017, 7.9	6.5	X	
Affixing the mark NEN-EN-ISO 4064-2:2017: 6.4.2	6.6.1	X	X
indelibly marked with the following information NEN-EN-ISO 4064-2:2017: 6.4.2	6.6.2	X	X
Indicating device NEN-EN-ISO 4064-2:2017, 6.4.3	6.7	X	X
Protection devices NEN-EN-ISO 4064-2:2017, 6.4.4	6.8	X	
Type evaluation and approval	7.2	X	
Overload water temperature ISO 4064‑2:2017|OIML R 49-2:2013, 7.6.	7.2.5	X	
Durability ISO 4064‑2:2017|OIML R 49-2:2013, 7.11	7.2.6	X	
Interchange error	7.2.7	X	
Static magnetic field NEN-EN-ISO 4064-2:2017, 8.16	7.2.8	X	
Documentation	7.2.9	X	

Performance tests for water meters with electronic devices	Annex A		
Environmental classification NEN-EN-ISO 4064-2:2017, 8.1.2	A2	X	
Electromagnetic environments NEN-EN-ISO 4064-2:2017, 8.1.3	A3	X	
Type evaluation and approval of a calculator	A4	X	
Performance tests	A5, ISO 4064-2:2017|OIML, R 49-2:2013, sub clause		
Dry heat	8.2	X	
Cold	8.3	X	
Damp heat, cyclic	8.4	X	
Mains voltage variation	8.5.2	X	
Mains frequency variation	8.5.2	X	
Low voltage of internal battery (not connected to the mains power)	8.5.3	X	
Vibration (random)	8.6	X	
Mechanical shock	8.7	X	
AC mains voltage dips, short interruption voltage variations	8.8	X	
Bursts on signal, data and control lines	8.9	X	
Bursts (transients) on AC and DC mains	8.10	X	
Electrostatic discharge	8.11	X	
Radiated electromagnetic fields	8.12	X	
Conducted electromagnetic fields	8.13	X	
Surges on signal, data and control lines	8.14	X	
Surges on AC and DC Mains power lines	8.15	X	
Absence of flow	8.17	X	
Checking facilities	Annex B		
Action of checking facilities NEN-EN-ISO 4064-2:2017, A.3.1.	B1	X	
Checking facilities for the measurement transducer NEN-EN-ISO 4064-2:2017, A.3.2	B2	X	
Checking facilities for the calculator NEN-EN-ISO 4064-2:2017, A.3.3.	B3	X	
Checking facility for the indicating device NEN-EN-ISO 4064-2:2017, A.3.4	B4	X	
Checking facilities for ancillary devices NEN-EN-ISO 4064-2:2017, A.3.5	B5	X	
Checking facilities for the associated measuring instruments NEN-EN-ISO 4064-2:2017, A.3.6	B6	X	

Technical characteristics	NEN-EN-ISO 4064-4		
In-line meters	4.1	X	
Concentric and cartridge meters and exchangeable metrological modules	4.2	X	

a) In case the product or production process changes, it must be determined whether the performance requirements are still met.

b) All product characteristics that can be determined within the visiting time (maximum 1 day) are determined by the inspector or by the supplier in the presence of the inspector. In case this is not possible, an agreement will be made between the certification body and the supplier about how the inspection will take place. The frequency of inspection visits is defined in chapter 8.6 of this evaluation guideline.

7.2 Inspection of the quality system of the supplier

The quality system of the supplier will be checked by Kiwa on the basis of the IQC scheme.
The inspection contains at least those aspects mentioned in the Kiwa Regulations for 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 test 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 pre-certification tests and assessing the inspectors' reports;
- 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 in connection with the inspections carried out and taking decisions on the need to take corrective actions.

8.2.1 Qualification requirements

The qualification requirements consist of:

- qualification requirements for personnel of a certification body which satisfies the requirements EN ISO / IEC 17065, performing certification activities
- qualification requirements for personnel of a certification body performing certification activities set by the Board of Experts for the subject matter of this evaluation guideline

Education and experience of the concerning certification personnel shall be recorded demonstrably.

Basic requirements	**Evaluation criteria**
Knowledge of company processes Requirements for conducting professional audits on products, processes, services, installations, design and management systems.	*Relevant experience: in the field* **SAS, CAS** : 1 year **DM**: 5 years inclusive 1 year with respect to certification Relevant technical knowledge and experience on the level of: **SAS**: High school **CAS, DM** : Bachelor
Competence for execution of site assessments. Adequate communication skills (e.g. reports, presentation skills and interviewing technique).	**SAS**: Kiwa Audit training or similar and 4 site assessments including 1 autonomic under review.

Basic requirements	Evaluation criteria
Execution of initial examination	**CAS**: 3 initial audits under review.
Conducting review	**CAS**: conducting 3 reviews

Technical competences	Evaluation Criteria
Education	**General**: Education in one of the following technical areas: • Civil Enginereing; • Enginering.
Testing skills	**General:** • 1 week laboratory training (general and scheme specific) including measuring techniques and performing tests under supervision ; • Conducting tests (per scheme).
Experience - specific	**CAS** • 2 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**) • 2 initial assessments of the production site under the direction of the **PM** • 1 initial assessment of the production site self-reliant (witnessed by **PM**) **SAS** • 3 inspection visits together with a qualified **SAS** • 2 inspection visits conducted self-reliant (witnessed by **PM**)
Skills in performing witnessing	**Kwalified SAS and CAS** Internal training witness testing

Legenda:
- Certification assessor (**CAS**)
- Decision maker (**DM**)
- Product manager (**PM**)
- Site assessor (**SAS**)

8.2.2 Qualification

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 pre-certification tests

The certification body records the results of the pre-certification tests 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 his decision on the findings included in the report.

8.4 Decision for granting the certificate

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 in the Annex.

8.6 Nature and frequency of third party audits

The certification body shall carry out surveillance audits on site at the supplier at regular intervals to check whether the supplier complies with his obligations. The Board of Experts decides on the frequency of audits.

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 (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 audit shall be recorded by Kiwa in a traceable manner in a report.

8.7 Report to the Board of Experts

De certification body shall report annually about the performed certification activities. In this report the following aspects are included:

- mutations in number of issued certificates (granted/withdrawn);
- number of executed audits in relation to the required minimum;
- results of the inspections;
- required measures for established Non-Conformities;
- received complaints 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 Sanctions Policy is 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.

9 Titles of standards

9.1 Public law rules

BJZ2011048144 29 juni 2011	Regeling van de Staatssecretaris van Infrastructuur en Milieu[3]

9.2 Standards / normative documents

Number	Title
BRL-K746	The application of coating systems for potable water applications
BRL-K759	Coating systems for drinking water applications
NEN-EN-ISO 4064-1	Water meters for cold potable water and hot water – Part 1: Metrological and technical requirements (ISO 4064-1:2017)
NEN-EN-ISO 4064-2	Water meters for cold potable water and hot water – Part 2: Test methods (ISO 4064-2:2017)
NEN-EN-ISO 4064-4	Water meters for cold potable water and hot water – Part 4: Non-metrological requirements not covered in ISO 4064-1 (ISO 4064-4:2014)
NEN-EN 14977	Copper and copper alloys – Detection of tensile stress – 5% Ammonia test
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
Drinking Water Hygienic Code	Drinking Water Hygienic Code Section 8.1.1 and 8.2 of the Drinking Water Hygienic Code

[3] Valid from 1 July 2017

I Model certificate (informative)

CERTIFICATE

Product certificate
KXXXXXX/0X

Issued

Replaces

Page *1 of 1*

Name product

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

Name customer

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-xxxx "xxxxxxxxxxxxxxxxxxxxxxxxf" dated [dd-mm-yyyy]

inclusive amendment sheet dated dd-mm-yyyy.

Name Director
Kiwa

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

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Company
Name customer
Address customer

Phone number
Fax number
www
Email

Certification process consists of initial and regular assessment of:
- quality system
- product

II Model IQC-scheme (informative)

Inspection subjects	Inspection aspects	Inspection method	Inspection frequency	Inspection registration
Raw materials or materials supplied: • incoming goods inspection raw materials • incoming goods inspection semi-finished products				
Production process, production equipment, plant: - procedures - working instructions - equipment - release of product				
Finished-products • closing • water-tightness				
Measuring and testing equipment • measuring equipment • calibration				
Logistics • marking • traceability • protections				