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Unit Drinking Water Installations

Expert Centre for Ceramic Sanitary Appliances

Additional information?

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This news leaflet provides an overview of highlights concerning Kiwa services and recent developments in the drinking water installation area for ceramic sanitary appliance. Our intention is to keep you informed on a regular basis, about relevant technical developments in the field of certification and testing of ceramic sanitary appliances on a corporate, national, European and global level. After reading you may have questions or comments regarding the content of this news leaflet. If so, please do inquire through our email or via your regular Kiwa account manager.

KBB Shanghai 2016

Kiwa will be once again present again at the KBB Shanghai in June 2016. Our colleagues Rob van Deursen (Kiwa Netherland - Product manager Sanitary tap ware) and David Jay (Kiwa Quality services ltd.) are available at the Kiwa stand to answer all your questions. If you happen to visit the KBB, please feel free to pass by our Boot.



Photo KBB May 2015 from left to right Jasmine Wu (Kiwa Watertec UK); Rob van Deursen (Kiwa Nederland BV) and David Jay (Kiwa Watertec UK).

From CPD to CPR

The ceramic sanitary products sold in Europe also require compliance to European regulations. Since the 1st of July 2013, under the Construction Products Regulation (CPR), it has become mandatory for manufacturers to comply with the requirements covering the CE marking of the harmonised European standard (hEN) or European Technical Assessment (ETA). Before this date all harmonized standard were covered by the CPD (Construction Product Directive). The CPR in some cases different than the CPD and gives more transparency on the following main points:

- Technical specifications
 - System of assessment demonstrating conformity
 - Clear frame work for Notified Bodies
 - CE marking for products
- See further issues in this document.

Our work in Europe

Below is given a short summary of the activities on the European normalization level of CEN TC163 WG3 and in particular the results of the working group meeting of the last period.

CPR transformation

The CEN TC 163 Working Group 3 has finalized the transformation of the harmonized standard for ceramic sanitary appliances. Most important point of discussion is the Declaration of Performance (DoP). The DoP informs the user, what activities were conducted for conforming CE marking and by whom. The user can trace who is responsible for the declaration of conformity of the products.

Sustainability EN16578

The CEN approach is to have in the future a system with sustainability classes to support the comparison of ceramic sanitary appliances and covers 7 basic requirements for compliance with the CPR, which will be referred to in the product standards for ceramic sanitary appliances under the Mandate M/110 "Sanitary Appliances". The CEN Working Group 3 has put in a lot effort to realize this objective. The draft standard is ready to be approved and published. The standard is adapted and is in line with EN15804.

Admittance of specific flush pipe diameters in EN14055

The EN 14055 will include requirements for the \varnothing 40 mm flush pipes. This flush pipe is on market and requires implementation in the Standard. The requirements for this specific diameter are now incorporated in the revised EN14055 + A1: 2015.

WELL – Water Efficiency Labelling

Consumers are demanding that manufacturers produce products that are environmentally safe and energy efficient. The WELL – efficiency labelling is a system that evaluates a product against the specific criteria "energy efficiency" and the "resources-saving potential" of the product. Ceramic sanitary

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appliances can also be evaluated through this WELL system.

This water economy label developed by the European sanitary valves industry serves has a classification system for water consumption.

It is a response to the increasing and understandable desire of consumers in Europe and worldwide for information and guidance in making a conscious purchase decision and the industry's desire to promote responsible water usage. The laboratory of the unit Drinking Water Installation is accredited and designated as a preferred laboratory for the WELL classification.

Revision of the Kiwa-Evaluation guidelines for product certification

The Kiwa evaluation guidelines contain requirements with respect to the functionality and durability of the product, as well as requirements with respect to the production process at the place of production.

European standards are part of the Kiwa evaluation guidelines, which makes the guidelines not only a European level method of determining the quality of your product but also opens the window into mutual recognition between the different certification schemes.

Due to the revision of the harmonized standards EN997; EN14055 and EN33 Kiwa will revise the Evaluation guidelines to meet the revised requirements in the relevant standards.



New features are incorporated in the revised guidelines. It will be possible to achieve certification for sanitary products using a nominal flush volume lower than 6 litres, under the condition that the sewage system is capable of functioning at a low flow of

sewage water. For companies having an implemented management quality system according to ISO9001 the audit frequency will remain at 2 visits per year.

You will receive your approval label for packaging, indicating certification by Kiwa.

The Kiwa guideline BRL-K620/06 was published in September 2014. The Kiwa guideline BRL-K619 was published November 2015 and the guideline BRL-K621 will follow soon.

Kiwa @mark Low water consumption

For products that during the examination show low water consumption are considered water saving installations. Criteria for this purpose are



prepared and, if desired, the Kiwa @Low water consumption indication sticker can be associated with these products. The indication may be placed on the product or packaging.

ATA – Hygienic aspects

Last year was for the Kiwa Certificate holders of float operated valve a very tense year. This was due to the admittance of float operated valves to the Hygienic approval scheme of Kiwa, in other words the ATA approval. We have succeeded in facilitating all certificate holders through the severe and sensitive ATA approval procedure in accordance with the Dutch Drinking Water Act and Drinking Water Decree.

Dutch drinking water has a good reputation and our Government wants to keep Dutch drinking water in a perfect high quality. All materials and chemicals used in the production and distribution of drinking water will have to undergo this assessment. The aim is to prevent the release of substances into the water in harmful concentrations. To meet the new Regulation the Dutch Ministry has imposed a transitional period for all products, depending on their use, complexity and application.

We are back on track

As the famous actor Arnold Schwarzenegger once said in his movies: I'll be back. So it was with the Kiwa lab, when we were informed that all laboratories are to be ISO17025 accredited in order to conduct test on behalf of Australian Institutes. The Kiwa laboratory was one of the largest contributors of test reports for the approvals for Australian Standards. Our accreditation was based on EN45011, which was not enough for our Australian counter parts. We are back on track and are now accredited according to ISO17025 for different AS standards, including the AS1172 series and the AS6400 (WEL approval scheme). Please feel free to contact us if further information is required.

Accreditation ISO17065

Our certification services has been successfully converted to meet the requirements for certification bodies certifying products according to ISO17065.

New Telephone number

If you want to reach us by phone, please take into account that our phone number is changed. The new numbers are indicated on the side of this leaflet.

