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Subject: Test of aqua blue on two steam generators in Villa Kennedy Frankfurt

Dear Mr Sikora

Due to heavy calcification in both steam generators for the steam baths of the above-mentioned place we decided to test aqua blue in July 2012.

A complete decalcification of the devices was necessary every 6 – 8 weeks until July 2012. That means the lime scale collecting tank (made of plastic) as well as heating spirals had to be removed and sterilized with descaling agents for several hours. However, the result has never been completely satisfactory. A change of the components was necessary due to the abrasion every 1 – 2 years. We hoped to achieve lower lime precipitation as well as lower abrasion on the affected components with aqua blue.

The assembly situation was chosen so that your device in the cold water supply was positioned to the second steam generator. The supply of the first generator was connected with the main pipe at a distance of around 1,5m to the supply of the second generator.

We therefore hoped to achieve an equivalent result between the generators with and without aqua blue treated water after the test period of 8 weeks.

The actual test result really surprised us. After those 8 weeks we were able to rinse the new in the steam generators occurred lime scale with warm water requiring minimal effort. Old residues on the container and on the heating spiral also scaled off and could be cleaned. The components looked like new again!

Ihr Gesprächspartner
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Surprisingly, the result was equivalent on both generators. Obviously the water treatment does not only work in the flow direction of the water but transferred in the pipe system. However, we weren't able to debate the extent of whole effective range.

In conclusion, the use of aqua blue extends the needed service intervals, lowers the time exposure of maintenance and substantially reduces the wearing of the components.

Due to the test results we think that a payback period of 2 – 3 years is realistic.

From our perspective, aqua blue is fully recommended for the above-mentioned purpose.

Kind regards



On behalf of Steffen Schneider
-Facility Manager-