

# **3 X Testimonials**

**UNIVERSITEIT VAN STELLENBOSCH  
UNIVERSITY OF STELLENBOCH**

## **REPORT ON PTH WATER IMPROVERS USED AT STELLENBOCH**

**Mr Massyn**

**I would just like to inform you about the excellent results I had with your PTH de-ioniser that I installed on a 6 Kw water distillation apparatus.**

**This device is operation 24 hours per day and boils away 8 litres of water per hour. This normally requires de-scaling every 6 months involving acids and lots of labour.**

**After running a new stainless steel distillation apparatus trouble free for a whole year - 24 hours per day fitted with a PTH de-ioniser, I expected a major de-scaling operation.**

**On inspection, I was pleasantly surprised to find that the boiler tank and elements were virtually scale free. I\ can definitely run for another year.**

**Your de-ioniser definitely allowed more salt to be flushed out by the boiler's flushing system.**

**Your device saved me a lot of man-hours.**

**(Signed) Frank Peiser  
Dpt of Medical Biochemistry  
Tygerberg  
Cell 082 935 7611  
Tel 021- 938 9253**

**Letter dated 12 July 2001.**

**NAEEM FOOD INDUSTRY (PTY) LTD**  
**REG NO 79/04724/07**

**T/A**

**KOOGANS PLASTICS**

TO WHOM IT MAY CONCERN

CHEMICAL FREE WATER TREATMENT

At Koogans Plastics in Lenasia, South Africa, we believe in creating high-quality plastic products; and we pride ourselves in offering the best service to our clients. That's why we don't take chances when it comes to water treatment.

Our chillers form a critical component to our water treatment plant. We manufacture plastic bags and containers of all description and for every possible application. We cannot afford to lose time on water treatment works, or money on costly man-hours, materials or equipment. That's why we opted for the in-line Israeli PTH catalytic water converter. We have hard bore-hole water, and we have discovered that conventional resin operated water softeners do not work at all, therefore we have discarded the system, altogether and run our plant ONLY on the chemical-free Israeli PTH device. We started with two PTH units, and we can categorically testify that this is the best way to treat our chiller water. The PTH units, which treat the chiller water are installed in a circulation loop and save us thousands annually on expensive chemicals while there is absolutely no ongoing expense since nothing in the PTH needs to be replaced. The maintenance is also negligible.

Our chillers stay absolutely clean and no fouling, either through scaling or rust build-up takes place, in fact PTH cleans up already affected areas.

We have just purchased a new chiller, and we are not prepared to risk such an expensive piece of equipment on untreated water. This is why we have now ordered our *third* PTH unit. We have complete faith in this product since we know it works and are proud to be associated with the environmentally friendly PTH water improver.

We can recommend the Israeli PTH to any user of cooling towers, boilers or chillers, or any concern in the plastics mouldings industry. It is indeed a world class product. We would not have used it if it wasn't, since at Koogans we only use the best.

(SIGNED) M SHIRAZ

MANAGING DIRECTOR

## **TESTIMONIAL: ISRAELI PTH PRODUCTS**

Approximately four years ago, we purchased six in-line PTH Water improvers supplied by the sole importer, Pierre Massyn.

We were looking for a water treatment product which was chemical-free, unbreakable and required virtually no maintenance.

The water we use is extremely hard, with high levels of calcium and magnesium, and at the Grain Research Institute at the University Potchefstroom we not only pride ourselves on our scientific research, but we simply cannot afford downtime on our equipment which sometimes fails due to breakages and damage caused by lime-scale ("kalk").

We installed these devices to protect our water walls and humid mattresses in our hothouses.

Since we installed the PTH devices, our equipment has remained completely scale-free.

It also saved us considerable amounts of money we would have had to spend on materials and shut-downs for maintenance.

In addition, it saves us unnecessary expenditure on electricity, as 1 mm of scale equates to a rise of 10% in electricity consumption.

On Monday, 6 December 2010, we opened up our wet walls for their regular annual inspection.

The results tell the story:

Of the six wet walls which were protected by PTH, all six were 100% scale free. They were clean. The other two wet walls which were not protected by PTH were seriously fouled up and badly affected by the lime scale in the water.

These eight wet walls all use the same water source. One can therefore say that under these controlled scientific conditions (some wet walls protected by PTH, others not, using the same water supply) PTH preformed admirably.

We are more than pleased with these devices and can recommend them as a product of true quality.

Any prospective PTH buyer is welcome to call me at 084 714 2203.

(\*Signed) Wayne Coertzen

Chief Technician

Grain Research Institute: University of Potchefstroom