

Goscor: Cleaning up the industry

Goscor Cleaning Equipment's new award-winning Tennant ec-H₂O™ technology, which converts plain tap water into an effective and efficient cleaning agent, is being heralded as a 'miracle cleaner', given the combination of its extraordinary effectiveness as a cleaning agent and its significant environmental friendliness.

Originated in the USA, ec-H₂O™, a Tennant innovation, boasts a number of international awards including being chosen as one of 2008's most technologically significant innovations by R&D Magazine and winning the 2008 Australian Business Award's 'Best Eco-Friendly Product'.

Alex Theodoridis, Goscor Cleaning Equipment's National Sales Manager says of the Tennant ec-H₂O, "There is no manufacturing process, no packaging and no transport involved in this cleaning process and, in addition, water usage is cut by as much as 70%.

"Anyone who is conscious of the environment and has adopted a 'green' approach, can do no better than change to ec-H₂O™ technology," he says and adds, "Users reduce their carbon footprint normally associated with chemical usage because no chemicals are involved in its manufacture."

There are no chemicals in this state-of-the-art product. All the technology is self-contained in the application equipment, whether it's a hand-held applicator or a ride-on M30 Tennant sweeper/scrubber designed to tackle the biggest jobs. "Whether it's a relatively small domestic requirement or a premier shopping destination such as Eastgate Shopping Centre in Johannesburg that needs cleaning, there's an ec-H₂O™ solution," says Alex.

"Everyone's talking about it," he says. "Wherever we go there's a lot

of interest in the product including enquiries from contract cleaners, who are not only impressed with its effectiveness but also its ecological benefits."

He adds that where chemical cleaners are used, there is often a tendency to use more chemical than necessary. "This can result in excess chemicals being left as a sticky deposit on floors which, in turn, actually attract more dust and dirt," he explains.

Alex says that in industrial applications, ec-H₂O™ is best used as a green maintenance solution to maintain chemically cleaned areas on a sustainable basis.

ec-H₂O™ is an ion-exchange technology based on the electrolysis of water, which has been around for over 100 years. Plain tap water passed through an electrical cell that applies a small electrical charge is then passed through an ion-exchange membrane where it is separated into an oxygenated mixture of positively and negatively charged nano bubbles. When the ionised water is brought into contact with a grubby surface, it loosens the dirt which can then be wiped away.

Local Tests

While there have been many successful tests on ec-H₂O™ abroad, Goscor wanted proof of the product's efficacy in local conditions.

So, in line with its 'results sale philosophy' Goscor first tested water from various local locations to determine its quality and mineral content, which proved satisfactory. It then secured test sites – including one at Eastgate Shopping Centre where the cleaning contractor, Neledzi Cleaning Services, helped in the implementation of the test – and another at Pick n Pay Hyper, Montana where Kobie Steenkamp, Operations Executive at GP Retail Operations, organised dedicated areas specifically



for the test. GP Retail Operations is a human resource management solution company whose services include the cleaning for major retail outlets around Gauteng.

Kobie Steenkamp was sufficiently impressed with the machine for his company to purchase one outright. He congratulates Goscor Cleaning on the work they have done in introducing him to the ec-H₂O™ machine.

"I am glad to say that the ec-H₂O™ took care of the challenges we experienced previously at Pick 'n Pay Hyper Montana in maintaining the hygiene levels of the floor. Working with this machine has made me realise the effect that chemical build-up can have on floors," he says.

Patrick Makhubela of Neledzi Cleaning services agrees. "In my 15 years in the cleaning industry I have never seen a conceptual product, such as ec-H₂O™, actually work as well as this does."

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All the technology is self-contained in the application equipment, whether it's a hand-held applicator or a ride-on M30 Tennant sweeper/scrubber, making it exceedingly environmentally friendly.

