

CAT Controller Courier # 14

November 2007

Awareness of Cryptosporidium

A major focus during this year's World Aquatic Health Conference

After attending the NSPF's World Aquatic Health Conference in Cincinnati, OH, I am much more concerned with the increase in recreational water illnesses, particularly Cryptosporidium. Michael Beach, Ph.D. from the CDC and James Amburgey, Ph.D. from the University of North Carolina - Charlotte; both presented strong data regarding the increase of RWI's with a specific focus on Cryptosporidium. The introduction of Crypto into a swimming pool is simply from an infected bather defecating into the pool or spa. Now we ask ourselves, "How often does something like that happen?" Research has shown that 11% of the U.S. population has had diarrhea in the past month, 70% of people over the age of 65 years old have fecal incontinence, and the average person carries 0.14 grams of feces on their peri-anal surface. These are the facts. "Neither the chlorine used to disinfect swimming pools nor the types of filters used in most pools can be depended on to kill or remove Cryptosporidium." Says the Directors of Health Promotion and Education© 2005. We must be aware of this problem and try to prevent outbreaks in our pools. From 1995 to 2004 Cryptosporidium made up 61.8% of RWI outbreaks in the United States (5.3% was E.coli) (7.9% was Shigella). Cryptosporidiosis outbreaks have gone up from 1 outbreak in 1988 to over 25 outbreaks in 2007.

So what is my point? I would like us all to be aware of this problem and to take the proper precautionary measures to help prevent outbreaks. Most importantly, making sure that the water chemistry is balanced at the proper levels. Utilizing an automated chemical control system to help maintain the appropriate safe balance of chemicals will also help contribute to safer water. The use of secondary sanitation products such as U.V. and Ozone have proven effective in the inactivation of Cryptosporidium. Enhancing filtration by aggregation/flocculation has proven to help remove the Crypto from the water. By forming firm floccules, helping the filter trap the Crypto, and finally by efficient backwashing into waste, we can help remove the Crypto from the body of water. Signage is important, it makes swimmers aware that if they are sick or experiencing an upset stomach that they should not be swimming. Swimmers safety is our main concern, let's be sure to remember who and what matters!

Special Thanks to the NSPF for hosting another successful and beneficial conference for all! Thank You!

Special Thanks to: Dr. Michael Beach - Founder of the CDC's Health Swimming Program.

Centers for Disease Control and Prevention

James Amburgey, Ph.D. from the University of North Carolina - Charlotte

CDC Food Net Population Survey

Nelson et al, 1995 JAMA 274, 550-6

Robert W. Lowry, Pool Chlorination Fact (2003) 76.

Jeff Williams, Ph.D., HaloSource, Inc

Ground Breaking Technology

CAT Introduces 3 Year Sensors

Rockville, MD - September 24th, 2007 - CAT Controllers, Inc. once again leads the industry with more technologically advanced products. CAT Controllers has now released the commercial pool industries first 3 year warranty pH and ORP sensors for automated chemical controllers. These sensors have been manufactured to work specifically with commercial pool water. Because of their flat tip design, the amount of cleaning and maintenance has drastically been reduced. CAT Controllers understands that your controller is only as good as your sensors. That is why CAT sensors are a direct upgrade for pH & ORP controllers of any brand.

FEATURES

- 3 Year Warranty
- Specifically Designed For Commercial Water
- Less Cleaning and Maintenance Required
- Interchangeable with any and all pH/ORP Controllers
- Works with All Sanitizers even SALT

NEW DATES

CAT Controllers Monthly Training Seminars

Please review the following training agenda and select the dates you wish to attend and put the number of employees that will be attending each date in the parentheses.

Friday January, 11, 2008 (Dealer)

Thursday January, 24, 2008 (CPO Fusion)

Friday January, 25, 2008 (Dealer)

Thursday February, 07, 2008 (CPO Fusion)

Thursday March, 20, 2008 (CPO Fusion)

Friday March, 21, 2008 (Dealer)

Please take notice of the CPO Fusion Classes. Contact Troy McGinty at CAT to request your CPO Primer Online Code and finish your first day of CPO class on-line. After finishing the online portion of the CPO class, pick one of the above dates to complete your CPO Course and follow it up the next day with a full CAT Dealer Training.

CPO Fusion Classes are not mandatory and anyone is welcome to come to our CAT Dealer Training.

Friday Dealer Training Agenda

9:00 Welcome Breakfast with Coffee, Juice and Danish
9:30 Advanced Water Chemistry and the ORP Method
10:30 CAT 2000 Series microprocessor based controllers
11:30 Selecting the proper Chemical Feed Equipment and Accessories
12:30 Catered Lunch
1:30 CAT 4000 Wireless Web Based Controller
2:00 CAT 5000 and Satellite Based Wireless
2:30 Sales Strategies and Water Quality Management Programs
3:30 Troubleshooting
4:00 Dealer input and feedback on existing controllers and future improvements

CALL TO REQUEST CPO FUSION AGENDA

In addition to this valuable training each attendee will receive a CAT training manual and certificate of completion. To register for either the CPO Classes or the CAT Training Seminars please e-mail Troy McGinty at mtmcginty@chemauto.com

ChlorKing Commercial Salt Chlorine Generators Now Available Direct from the Manufacturer

ChlorKing chlorine generators are designed specifically for commercial pools and spas. Our systems range in sizes and outputs to suite virtually any commercial pool and spa application.

ChlorKing systems constantly manufacture sodium hypochlorite (hypochlorous acid) through the patented ChlorKing cell to provide consistent chlorine residual in the pool water, and provide the most enjoyable swimming experience available. Systems carry both NSF 50 and UL 1081 certification.

Features and Benefits

Easy to install

- The ChlorKing systems are mounted onto any wall surface in the pump room, and plumbed into an existing circulation system, without cutting into existing pipes. ChlorKing systems use bypass flow and are not in-line.

Easy to use

- ChlorKing offers the simplest operation available, using the KIS (keep it simple) process. A dial is mounted on the system, similar to a light dimmer at home, and a simple turn of the dial increases, or decreases chlorine production.

Wide range of outputs

- ChlorKing offers systems that produce from 1.5 lb's to 25 lb's of equivalent chlorine per day, in a single cell, the largest available in the market.

Reliable performance

- All components used in the manufacture of the ChlorKing systems are of industrial standard, and designed for 24/7 operation, allowing the ChlorKing systems to operate at maximum output continuously.

Models available

- 1.5 lb / day 7.5 lb / day
- 2.5 lb / day 10 lb / day
- 3.5 lb / day 15 lb / day
- 5.0 lb / day 25 lb / day

ORP inputs

- All ChlorKing systems have a separate ORP output which allows a regular controller to activate the ChlorKing system with no additional wiring. Simply plug the outgoing ORP plug into the ORP controller and you're done. This allows pools to keep existing controllers to maintain ORP and PH levels.

Bather friendly

- ChlorKing systems operate with 0.5% salinity in the water; this salinity level is slightly less than human tears and gives the water a "mineral spa" feel.

Low Operating Costs

- ChlorKing systems operate using the salinity in the water to produce E-Mail Steve Pearce with ChlorKing for more Information

Financing Made Easier by Global Vantage, Ltd.

"Global Vantage is one of CAT Controllers' preferred finance companies that understand our customer base and the product that we offer to the swimming pool industry. Please feel free to contact Troy McGinty for some more information and a credit application." MTM.

At Global Vantage Ltd., we've been specializing in helping facilitate acquisitions of capital equipment for business owners since 1992. As a AAA rated company with the Better Business Bureau, Global Vantage specializes in custom funding solutions to meet the unique needs of each business. Our experience includes funding for a variety of industries and we have found a strong role in the Chemical Pool Control industry working with equipment vendors like CAT Controllers.

We offer direct financing and work with multiple syndication partners to custom tailor a lease program to meet the needs of every client. We offer a variety of programs from fair market value leases with a return option, 10% options at the end of the lease, your typical \$1 dollar buy-out and even step or deferred payments up to 6 months. With over 200 years of combined experience at Global Vantage, we were able to provide our clients multiple financing programs to get their deals done!

For more information, please contact Albert Rojan directly at 949-225-3469 or email him at arojan@globalfinancegroup.com

Bring This Coupon to BOOTH # 3113 and Receive 5% Off Any Order At the Show

Join Us At The International Pool & Spa Expo In Orlando, Florida. Check out new product information and have a chance to see what CAT Controllers intends to bring to the industry in years to come.

Offer Expires: November 29th at 2:00pm

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