

## HOLIDAY SCHEDULE

In observance of the holiday season, CES will be closed from December 23rd to December 30th. Normal business hours will resume January 2nd, 2006. Besides the traditional time off for the Christmas holiday, we will be conducting year-end inventory, end-of-year closeouts, final relocation of the warehouse, and other end of year duties.

## ARCH RESEARCH TACKLES PLASTER DEGRADATION ISSUE

A recent revolutionary study by Arch Chemicals has taken a large step toward solving industry issues surrounding the REAL cause of plaster (pool finish) degradation. While the full study will be available at the CESWaterQuality.com site, we want to cover a few details in this issue.

Briefly, the study dispelled myths that pool finish degradation was a result of poor water balance associated with stabilized chlorine pools, where cyanuric acid levels can quickly exceed 50-100 PPM, and can reach as high as 500 PPM. Poor balance in Tichlor (stabilized) pools is common for several reasons: Essential calcium must be manually added, and normally isn't. Trichlor feeders are Alkalinity scavengers, stripping total alkalinity that is necessary for pool water balance. Finally, stabilizer biases the alkalinity reading making it appear higher than actual. All three of these normally combine to make high stabilizer pool water very aggressive.

The study showed that degradation occurred EVEN if the pool was in perfect balance. In a nutshell (paraphrasing the Arch Scientists) cyanuric acid molecules deposit themselves on the surface of the pool shell, there...a chemical reaction occurs where the stabilizer "thingamajig" reacts with the calcium "thingamajig" and actually PULLS

the calcium off the pool finish, leaving a pothole or void. More to come.....

## SPECIAL OFFER ON ADA-COMPLIANT HANDICAP LIFTS

CES and RMT Aquatics, manufacturer of the industry's most innovative and most popular handicap lifts, are proud to announce a special offer that runs until March 31st, 2006, on the PAL (Portable Aquatic Lift) and the Splash (Semi-Portable Aquatic Lift).

These two lifts have revolutionized the handicap lift marketplace that was previously dominated by water-powered lifts. Traditionally water powered lifts have been mechanically affixed or even permanently-mounted to the pool deck and were an eyesore as well as an obstruction for patrons, pool covers, etc. These lifts required water connections that should have been hard plumbed under the deck, but more often were completed by stringing a garden hose across the deck (safety hazard and eyesore). The water-powered lifts also relied on 50+ PSI water pressure in order to reach their rated lifting loads. In Florida, we have experienced problems sustaining that level of pressure consistently, especially if the pool fill water is on...or if someone has recently flushed a toilet. Low water pressure caused a handicapped patron to be "stranded" on the lift or in the pool, or prevented them completely from entering the pool.

Enter RMT Aquatics with revolutionary pool lifts that resolve most of these shortcomings. They are PORTABLE: They can be conveniently stored away when not in use. The PAL lift is rolled into a utility closet or maintenance area on its own 4 wheels, while the SPLASH lift is easily removed and stored using the unique Caddy Cart/Storage Device. Portability makes these

lifts perfect for facilities with MULTIPLE POOLS as they are versatile enough for ONE LIFT to be used for all bodies of water. The RMT Lifts are also BATTERY POWERED: This ensures consistent and reliable operation and eliminates the need for unsightly and hazardous water and hose connections. The battery power and motor system is the same high quality used in hospital patient transport systems, and can handle many operations before recharging using the handy desktop charger. The long life battery has a charge indicator right on the battery, so that you never are caught low on power by surprise. USER FRIENDLY: The RMT lifts are both operated by an easy waterproof remote control that allows each user to self-operate the lift while on the deck, the chair, or in the water. So simple to operate, with UP, DOWN, LEFT, and RIGHT arrows. RMT lifts are ADA COMPLIANT: The PAL and SPLASH lifts meet or exceed all ADA specifications to ensure that your facility is compliant with accessibility guidelines. If you recall, in September 2003 the ADA extended their accessibility guidelines, originally restricted to parking spaces, bathrooms, and ramps, to include swimming pools. Do you need to comply with ADA guidelines?? One quick way to tell is if you need to provide handicap parking spaces and or ramps in your facility.

Now for the special...Until March 31st, order a PAL aquatic lift and receive a discount of \$660 off of MSRP. Order a SPLASH aquatic lift and receive a discount of \$425 off of MSRP. As a special promotional offer, the lifts also include a FREE All-Weather Cover (up to \$260 value!). Also included is an ON-SITE START UP and ON-SITE TECHNICAL SUPPORT. For more information on this great offer...or a copy the ADA guidelines, please contact your CES representative.