TEMCOR

P.O. Box 48008, 150 W. Walnut St. Gardena, CA 90248
www.temcor.com

FOR RELEASE TO WORLD COAL

CONTACTS: Clark Margolf
Temcor
(310) 523-2322

Sandy Smith
Aldrich & Associates
(562) 436-5156
sandy@aldrichpr.com

TEMCOR ALUMINUM DOMES OFFER PROTECTION AND FLEXIBILITY TO BULK STORAGE FACILITIES

GARDENA, CA November , 2006 – Temcor, the world's largest Aluminum Dome builder has a well-deserved reputation for supplying quality clear-span aluminum domes for the world's bulk storage needs. Whether the need is driven by environmental factors, containment requirements or pure aesthetics, Temcor can design, manufacture and build a secure, economical facility. Coal, cement, ores or other materials are all contained beneath Temcor domes around the world. In addition to the inherent advantages that Temcor's aluminum domes offer – lightweight, maintenance-free and corrosion-resistant construction – their flexibility of design allows the domes to accommodate virtually any stacker/reclaimer system used in the industry.

A recent example of this, Temcor's new dome designed and constructed for Taiwan Cement Corporation, illustrates this advantage. While this particular facility houses cement, other materials can be similarly contained.

TEMCOR REPLACES TYPHOON-DESTROYED DOME FOR TAIWAIN CEMENT CORPORATION

Stacker/Reclaimer System Remains in Operation During Construction

Temcor has just completed the construction of a 135m Temcor Aluminum Dome for the Taiwan Cement Corporation (TCC). The dome replaces a previous structure destroyed

-more-

by a typhoon. The new dome is currently the world's largest clear-span aluminum dome. The original dome, built by another manufacturer in 1997, covered a limestone blending pile at Taiwan Cement Corporation's Ho-Ping Cement Plant. In July of 2005, the dome was destroyed by a seasonal typhoon. Temcor, a company which has bulk storage domes in place throughout Asia and the world, was awarded the contract in January 2006 to replace the failed dome, with a very important caveat: the limestone handling system needed to stay partially in service during the construction of the new dome.

Temcor designed, engineered and manufactured the dome in the U.S. and shipped it, ready-to-assemble, to the cement plant. In the meantime, TCC modified the existing support walls in preparation for the new dome.

To accommodate this requirement, Temcor developed a custom erection system to install the dome while the plant continued to operate. Temcor modified its unique Center Tower Erection method, where the erection tower is built up and used to assemble the dome from the center, out. As each strut ring is complete, the tower raises the dome to allow workers to continue on the next ring while working safely at ground level. At Ho-Ping, a 30m high temporary steel frame was built around the stacking equipment's center column to just above the incoming conveyor, to which Temcor mounted their traditional center tower for a total tower height of 84m. To facilitate the dome's erection, the plant's reclaimer system was moved to the side, and a diversion chute was implemented to divert the incoming limestone from the conveyor to the underground reclaim tunnel's conveyor.

The dome design includes 18 skylights, two truck doors and three gravity vents.

Construction began in late June and will be completed in less than 20 weeks – even though the bulk of the work was done during typhoon season. Temcor took extra protective measures to ensure that construction could progress uninterrupted. And while several typhoons came through the area during construction, none hit the plant directly.

The new dome at Ho-Ping is made entirely of aluminum and will continue to be maintenance- and corrosion-free for years to come. It was designed to withstand wind speeds of 65m/s, 3-second average.

The project for TCC is illustrative of the advantages of a Temcor Aluminum Dome: Their designs are flexible enough to accommodate virtually any requirement; the domes are inherently strong, yet lightweight and cost effective; erection times are relatively short, with smaller crews than are traditionally needed for a project of similar scope; and with Temcor as a single source for design, manufacture and construction, quality is maintained throughout the process.

WORLD'S LARGEST DOME-COVERED STORAGE FACILITY

Temcor Builds 11 Domes for Formosa Plastics.

Temcor supplied a total of 11 Aluminum Domes at the Formosa Plastics Group No. 6 naptha cracking complex in Mai Liao. Currently, the facility is the world's largest dome-covered storage facility. Each massive dome measures 120m in diameter .

Of the 11 Temcor Aluminum Domes, nine are used for coal storage and two for salt. The coal storage domes hold a total of 1,620,000 metric tons of coal.

“Our engineers developed a clear-span dome design that covers the huge coal and salt piles providing unrestricted space the for stacker/reclaimer equipment operation,” said Clark Margolf, Temcor’s Executive Vice President. The domes protect the contents from the environment, and also protect the environment from pollution by the contents.

“The domes also had to be engineered to withstand the typhoon-force winds common to the region,” continued Margolf. To accomplish that, the engineers designed them with a flattened crown that lowers the potential for uplift forces. To accommodate a variety of stack/reclaimer equipment, the domes have rises that range from 121 feet (36.7m) to 134 feet (40.6m) ft and are mounted to 59-foot (18m) high concrete retaining walls.

All domes were manufactured at Temcor’s state-of-the-art facility in the U.S. and shipped, ready-to-assemble, to the site where erection by a relatively small crew was completed in a short amount of time. All domes were built using Temcor’s unique Center Tower erection method in which the dome is constructed from the center out. As each ring of the structure is completed at ground level, the center tower lifts the dome incrementally until the entire dome is complete. The small crew required for this erection method stays safely on the ground.

-more-

Temcor Aluminum Dome systems for the bulk storage industry are in place worldwide. Temcor has been building aluminum domes and other structures for nearly 40 years and has more than 7,000 installations throughout the world in industries as varied as water and wastewater treatment, petroleum, and scientific research. Temcor domes and roof systems for architectural applications are in place as sports arenas, cruise terminals, planetariums, churches, and more.

For more information, write P.O. Box 48008, 150 W. Walnut St., Gardena, CA 90248, e-mail info@temcor.com or call (310) 523-2322...or find Temcor online at www.temcor.com.

-30-