



TAIHEIYO CEMENT NEWS LETTER

May 25, 2015

For immediate release

Taiheiyo Cement Corporation

Taiheiyo Cement Offers New Type of Cement Product in Singapore Completion of a New 24,000-ton Silo

Taiheiyo Cement, which operates a cement terminal in Singapore through Singapore Cement Manufacturing (SCMC), a joint venture with Singapore-based Hong Leong Asia Ltd., is pleased to announce the completion of a new 24,000-ton cement silo at SCMC's cement terminal.

Infrastructure investment, including subway and highway construction, is driving the robust cement market in Singapore and fueling demand for low-heat-type cement as a way to prevent thermal cracking in concrete structures with large cross-sections (so-called mass concrete). Coinciding with SCMC's construction of its new silo, Taiheiyo Cement has developed a new type of cement which is specifically formulated to satisfy Singapore's local quality needs. This new export-oriented product, which is manufactured using Portland cement and admixture ingredients such as fly ash from coal-fired power plants, qualifies as type CEM II as defined by Singapore's cement quality standard (SS EN 197-1).

The new cement was developed specifically for the local environment in Singapore, which differs significantly from that in Japan, to yield benefits such as greater resistance to thermal cracking thanks to its low-heat and low-shrinkage characteristics, higher long-term strength, improved workability, and lower alkali-silica reactivity. In addition, the product is certified under the Singapore Green Labelling Scheme (SGLS) and therefore carries a Green Label* in recognition of its environmental friendliness which was demonstrated during a series of tests carried out with the cooperation of local users and experts. SCMC also used the new cement in the construction of its new silo, and in the process verified its performance.

Taiheiyo plans to manufacture the product using fly ash that has been selected, formulated and managed with the cooperation of domestic Japanese power companies. It is expected to contribute to effective use of fly ash from newly built coal-fired power plants in Japan, where such plants are forecast to generate more ash in the future.

Going forward, SCMC plans to use the new silo for CEM II, complementing its Ordinary Portland Cement, and expanding its business through the supply of new cement that meets local needs.

* Green Label is an environmental certification program administered by the Singapore Environment Council (<http://sgls.sec.org.sg/>).

SCMC profile

Name	Singapore Cement Manufacturing Co., (Pte) Ltd. (SCMC)
Representative	Mr. Kwek Leng Peck
Head Office	Business Office: 43/45, Sungei Kadut Street 4, Singapore
Terminal	40 Pulau Damar Laut, Singapore
Ownership stakes	50% Taiheiyo Singapore (a wholly owned subsidiary of Taiheiyo Cement) 50% Hong Leong Asia
Cement terminal	New silo 24,000 tons × 1 (completed April 2015) Existing silos 23,000 tons × 1 17,000 tons × 1 10,000 tons × 1

Cement demand in Singapore

(Thousands of tons)

2009	2010	2011	2012	2013	2014	2015*
4,837	4,355	4,793	5,851	5,869	5,973	6,000

* Taiheiyo Cement forecast

Source: Singapore Building and Construction Authority (BCA)

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