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Insights _ Polysius



thyssenkrupp Polysius to build new production line for GCC

GCC, S.A.B. de C.V. Americas (GCC), a leading supplier and producer of cement and concrete in the USA United States and Mexico, has commissioned thyssenkrupp Polysius North America, Inc (Polysius) to build a 3,000 mtpd clinker production line, which can be expanded to 3,500 mtpd,

President, Mark S. Terry, explains: "The GCC Odessa plant currently supplements its market demand by importing cement from their other plants. With the significant expansion of production capacity in Odessa, coupled with the recent Polysius award increasing production in GCC's Samalayuca plant, GCC

will be well situated to participate in the upcoming growth associated with the U.S. government's Infrastructure Investment and Jobs Act.”

Bryan Emery, the Polysius Contract Manager, states “The new plant in Odessa, Texas, is on a challenging fast-track schedule, with start-up anticipated as early as 4th quarter 2025.”

Enrique Escalante, Chief Executive Officer of GCC, mentioned: "We remain strongly committed to delivering strong stakeholder value, while investing in the future growth of our business. With the expansion of the Odessa plant, we will ensure GCC is prepared for a new phase of the industry cycle."

Technical details

Olivier Terver, Polysius Vice President led the design team and was pivotal in contract negotiations, describes the Odessa K3 scope as follows: “The Polysius engineering and procurement services consists of our world-class equipment from quarry storage to cement silos. We at thyssenkrupp Polysius are proud to offer GCC our latest designed quadropol® vertical roller mills for raw and finish grinding and our new polytrack ECO clinker cooler. Rounding out supply is a 5-stage, 1-string preheater using the latest 600 series cyclones, and a 4.2-meter diameter x 64-meter long 3-station rotary kiln.”

About GCC

GCC is a leading supplier and producer of cement, concrete, aggregates, and construction-related services in the United States, Mexico and Canada, with an annual cement production capacity of 6 million metric tons. Founded in 1941, the Company's shares are listed on the Mexican Stock Exchange under the ticker symbol GCC*.