



# SIKA AT WORK

## YURA, AREQUIPA, PERU

CONCRETE: SikaGrind®-735 Activator PE

BUILDING TRUST



# YURA, AREQUIPA, PERU

## COMPANY DESCRIPTION

Yura S.A. was founded in 1966 to become one of the most important drivers of development in the southern region of Peru. Yura specializes in the production and sale of high-quality cement, meeting the highest standards of product and service. Yura S.A. is part of the Gloria Group and has demonstrated, through significant investments made in recent years, its commitment to development process of the country, as well as the internationalization of the brand thanks to its operations in Chile, Bolivia, and Ecuador. Currently, the company has focused on the development and commercialization of high-performance hydraulic cements, thanks to the use of active additives such as pozzolan, which give the final product very important durability properties and sustainability benefits.

## PLANT REQUIREMENTS

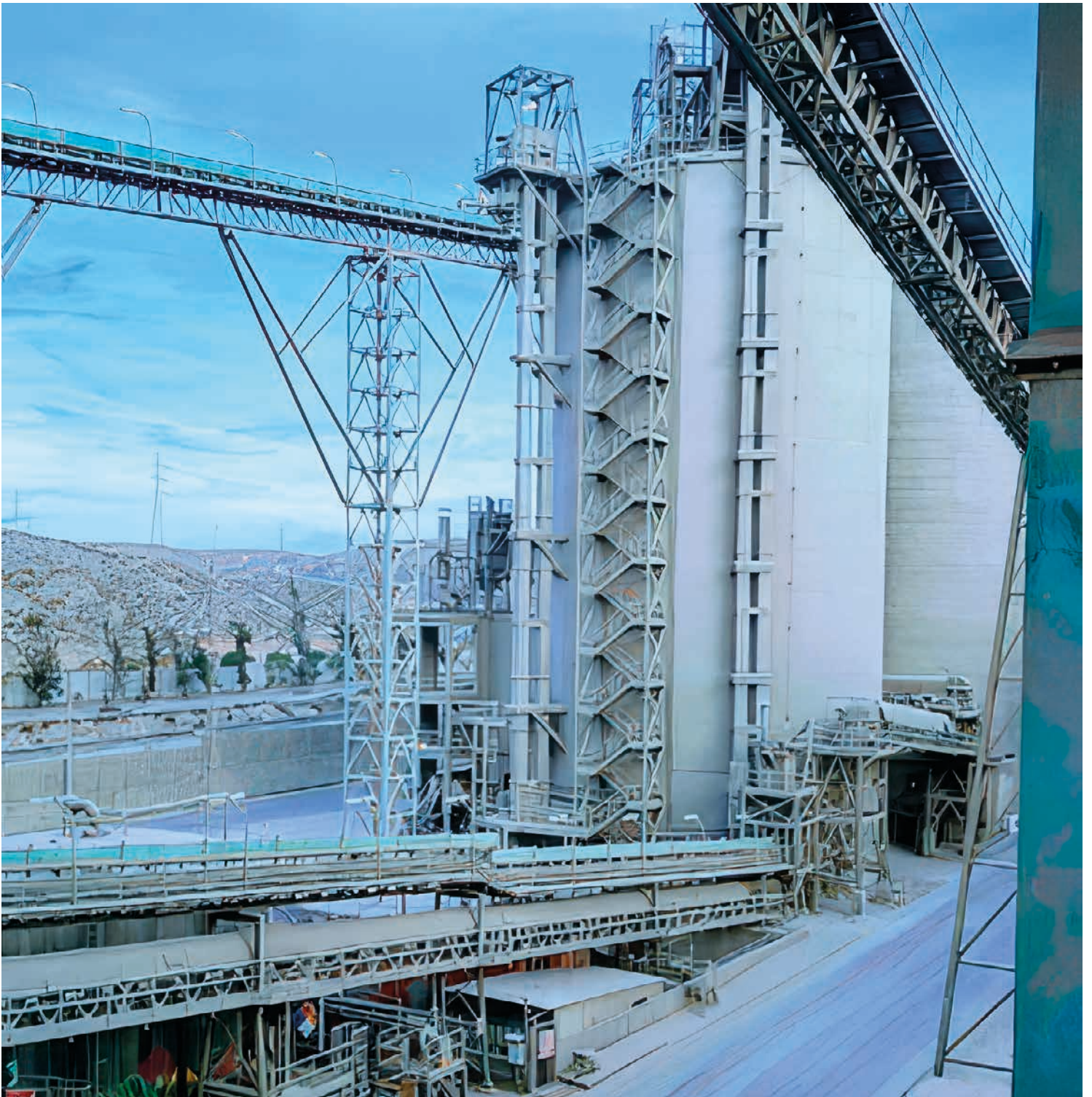
Considering its focus on profitability and sustainability, Yura S.A. required a quality-enhancing cement additive for the production in a vertical roller mill (VRM). The cement Type HE needed to be activated in a way to reduce the clinker/cement factor. Their goal was to replace more than 2% of clinker without affecting the quality parameters of the final product.

## SIKA SOLUTIONS

Work was carried out in cooperation with the technical team in Yura S.A. to develop customized cement additives using specific cement samples provided. Several laboratory tests and industrial validations determined that SikaGrind®-735 Activator PE was the best option. It is a high-performance quality-improver that resulted in an increase in initial (+13% to +18%) and final strength (+10%). In addition, the vertical mill operated under normal and stable conditions, allowing continuous use of the additive.



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Any product name or reference reflects the Sika product name at the time of creation of this document and may differ from the product name or reference during past events.

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.

## PROJECT PARTICIPANTS

Owner: YURA S.A.  
Plant: Yura, Arequipa, Perú  
Supplier: Sika Peru S.A.C.



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