

Solutions for the Cement and Aggregate Industry

Fast, On-Site Material Quality Control

Vanta™ handheld XRF analyzers provide immediate material chemistry throughout the cement manufacturing process to help save you time and reduce cost.

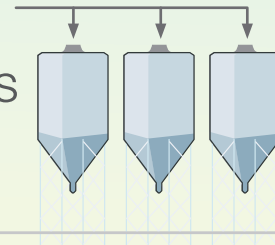


Quarry



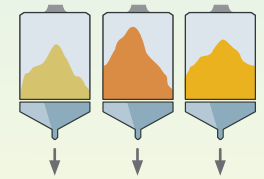
- Check calcium levels on the spot
- Know the quality of all the material you pull out of the ground

Raw Materials Storage



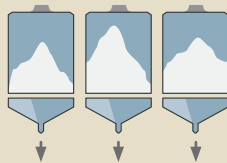
- Know the elemental composition of every pile in your storage yard
- Ensure you're removing the right material from storage before it gets to the kiln

Corrective Materials



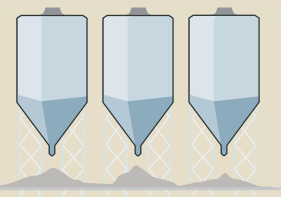
- Make sure you're adding the right corrective materials

Gypsum



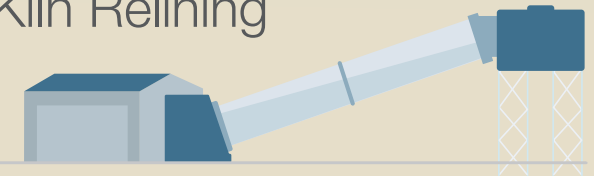
- Analyze feed stream materials
- Inspect incoming gypsum for the correct sulfate (SO_4) content

Clinker Storage



- Test mixed material coming from the kiln to make your changeover faster
- Know the material chemistry of your mixed piles for reblending

Kiln Relining



- Do incoming QC on your kiln bricks to ensure they're made of the correct materials to help avoid early failures