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Abstract

FILTRATION CONSIDERATIONS FOR MODIFYING SUPPLEMENTARY CEMENTITIOUS MATERIAL (SCM) CONTENT IN CEMENT MILLS

As more and more cement producers set their carbon capture requirement goals, many are turning to substituting other materials for less clinker in their mixes. In this presentation Scheuch North America looks at how SCM content could add additional moisture depending on the mill type and clinker temperature. Before implementing SCMs into your mill process, consider the implications this moisture can have on the baghouse(s) to maximize reliability and to meet air quality compliance without sacrificing production.

Author Biography

DANIEL LOCKE

Daniel Locke has five years of sales and drilling fluid engineering experience in the industrial minerals and energy industries and understands what is required to meet outage windows and emission limits while ensuring high reliability and low total cost of ownership. Clients appreciate the measurable business outcomes such as keeping a plant operational and profitable that come from a win-win relationship with him. Locke has a Bachelor of Science in Business Administration from the University of Southern Mississippi.

Daniel Locke has nearly ten years of heavy industry sales and engineering experience including industrial minerals and energy. The relationships Locke has developed are based on improving client's processes and meeting strict emission limits while staying on schedule and improving reliability. Cement companies choose to work with him because he brings passion, perspective, and experience to ensure a win-win relationship. He has coached over a dozen of Alabama High School state champions in Track and Field at the school where his wife teaches. Locke has a Bachelor of Science in Business Administration from the University of Southern Mississippi.