



Pump Users
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Pumps for FGD in CPS-Design (CeramikPolySiC[®])

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Summary

The wet limestone scrubbing process of flue-gas desulphurization (FGD) systems has been around since the early 1970s. Manufacturers have answered the call for optimizing scrubber pump life and reliability since that time with technological solutions.

Centrifugal pumps serve both on the absorber slurry side and in diverse ancillary and secondary circuits.

The employed pumps and the materials of which they are made are subject to a specific stress profile resulting from a combination of highly corrosive and abrasive slurried-medium properties on the one hand and the exigencies of design and production engineering on the other.

The material CeramikPolySiC[®] (CPS) is a direction-setting response to such challenges.