

SOLVAir® QuickFacts Solutions



What's new, pussycat? Cleaning up cement and biomass flue gas emissions with DSI!

Q. I haven't heard much about treatment of flue gas emissions in cement and biomass plants...has SOLVAir always been on the case?

A. While SOLVAir has worked with coal fired power plants for over 30 years to clean flue gas emissions, other industries such as cement and biomass, as well as waste incinerators and boilers, have also benefited from our help with DSI implementation.

Q. Is DSI as effective cleaning out flue gas emissions in these plants?

A. Absolutely. DSI is a proven system - whether SO_2 , SO_3 , or HCl is the target pollutant – and SOLVAir's sodium products in DSI help reduce these pollutants in flue gas emissions, and often provide some reduction of NO_x and Hg.

Q. The bottom line for me is always cost...is DSI truly cost-effective?

A. Depends on what you're looking at. Installation costs of a DSI system are typically significantly less than any other compliance technology. When looking at operational costs, DSI is simpler to operate than a semi-wet or wet scrubbing system because the process requires no slurry equipment or reactor vessel, and the sorbent is stored and injected dry into the flue duct (where it reacts with acid gas.) No need to cool or humidify the gases. Byproducts are sodium chloride and sodium sulfate, which are collected with fly ash. So the simplicity of the system cuts out a lot of the cost associated with many other air pollution control options.

Got a question about our questions?

Call Marilyn Treacy in Houston, at 800.765.8292, or go to our website at www.solvair.us for in-depth information about our products and Dry Sorbent Injection.

SOLVAir® Solutions

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