SOLVAir® Solutions QuickFacts

Three Amazingly Short Answers To Your Air Pollution Control Questions

- ***Trona or sodium bicarbonate – which is the more effective air pollution control product?***

  While SOLVAir Select 300 sodium bicarbonate and Select 200 trona both remove acid gases very effectively, sodium bicarbonate tends to react faster and is able to reach higher levels of removal of SO_2. When the reaction time is short or the removal required is very high, Select 300 sodium bicarbonate may be the right choice.

- ***To be effective, must trona or sodium bicarbonate always be used in a DSI system?***

  SOLVAir trona and sodium bicarbonate are used in a Dry Sorbent Injection (DSI) system for the lowest cost method to achieve compliance with tough regulations. By using the products in their dry form, the handling and delivery systems are the easiest to operate.

- ***Why is Dry Sorbent Injection so effective?***

  The DSI process requires no slurry equipment or reactor vessel because the sorbent is stored and injected dry into the flue duct where it reacts with the acid gas - so it's cost-effective, as well as just effective. The spent sorbent is collected dry, either through a baghouse or electrostatic precipitator (ESP).

  It also can be collected through an existing wet scrubber vessel should DSI be used for trim scrubbing of acid mist, as is often the case when scrubbing SO_3.

Need more in-depth answers to your questions?
Call Marilyn Treacy, Commercial Manager, at 800-765-8292, or go to our website: www.solvair.us.

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