

Dry Desulfurization – A Smart Alternative

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Abstract

Dry Injection Desulfurization (DID) systems remove 99.9% of all sulfur oxides from the marine flue gas. Dry injection of sodium bicarbonate powder into marine flue gas and the resulting sodium sulfate powder byproduct are both non-hazardous, food safe, pH neutral, non-pollutants. DID systems are carbon neutral with lower total carbon emissions than sea water scrubbers and low sulfur distillate fuels. Dry Injection Desulfurization (DID) provides a viable, sustainable and environmental solution for the marine industry to reduce harmful emissions.