

Evaluations of Fly Ash Containing Brominated Carbon

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ABSTRACT

A promising low-cost mercury-control technology for coal-fired power plants appears to be the injection of brominated powdered activated carbon (B-PAC) ahead of the plants' particulate collectors. This technology has been tested on the flue gases at seven very different power plants so far, four of these at full-scale.

This paper will present a series of data sets examining various aspects of B-PAC containing fly ash. Samples from a number of power plant demonstrations will be evaluated for both their mercury and bromine species in both their solids and leachates. This data will be correlated with the coal and ash chemistries and application conditions.

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