

RECENT ADVANCES IN RECYCLING CLEAN-COAL ASH

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ABSTRACT

This project was for the development of mixtures of Controlled Low Strength Material (CLSM), a.k.a. manufactured dirt, utilizing the MPU power station coal combustion by-products (ash) from an FBC boiler. Two types of ash material were used for this project, MPU North Silo ash and MPU South Silo ash. The report presents results of the laboratory activities of the project. Due to the cementitious nature of the South Silo ash material, cement was not used when the CLSM mixture utilized the South Silo ash. The South Silo ash produced heat (exothermic reaction) after water was added.