

Coal ash utilization in Japan

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ABSTRACT

This paper describes the situation of coal ash production and the trend of coal ash utilization in Japan. CCUJ investigates the date of coal ash production & utilization of Japan every year. In 2002 fiscal year, about 9.2 million tons of coal ash was produced in coal combustion, of which 84% was effectively used and the rest was disposed. The utilization rate of cement raw material (alternative for clay) is 74% and cement/concrete admixture 5%, public works field 9%, and construction works field 5%, agriculture field 2%, others 6%. To use coal ash as cement raw materials has little room to expand its quantity, therefore it is required to expand the effective utilization in cement admixture and civil engineering field.