REMOVAL POLLUTANTS FROM AQUEOUS SOLUTIONS USING FLY ASH

M. VIA¹ A. DUTĂ²

Abstract: The fly ash (FA) is a solid waste and a dangerous environmental pollutant resulting in large quantities from the coal burned in Heat and Power Plants. On this route, large quantities of fly ash, over billion tones is produced during the burning the municipal waste, fossil fuel which discharged in environment produces an increase of pollutions of air and soil. Fly ash has a high specific surface and can act as asorption substrate. The paper work describes the fly ash and the applications for removal heavy metals from waste water.

Key words: fly ash, heavy metal, wastewater.

¹ Emil Racoviță College for Natural Sciences, Brașov.

² Chemistry Dept., *Transilvania* University of Braşov.