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Monitoring and Assessment of Heavy Metals In Agriculture Waste Used In Combustion Process

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ABSTRACT

The concentration of heavy metals like chromium, cadmium, mercury, arsenic, cobalt, copper, nickel, zinc, manganese, vanadium and lead has been analyzed in pre and post combustion process using ICP-AES technique for three seasons with the ambient air analysis and flue gas analysis. In the raw biomass the concentrations of Zinc and manganese were found in amplified whereas after combustion process that is in the fly ash the concentrations of zinc, manganese with cobalt and copper also found in higher state.

Keywords: Monitoring, Heavy Metals In Agriculture Waste, In Combustion Process.