



“Gheorghe Asachi” Technical University of Iasi, Romania



ACTIONS TO REDUCE AIR POLLUTION FROM A COAL THERMAL POWER PLANT

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Abstract

The slag and the ash, resulted after the lignite burning in the boilers of Thermal Power Plant located at Timisoara South (Romania), are hydraulically evacuated at the storage facility for slag and ash near village Utvin. Fine ash from compartments of slag and ash deposits that are not covered by water can be driven by air currents, causing pollution. After admission of Romania in European Community, the rules for environmental protection are strictly applied. This paper presents the review on the researches, studies and actions made in order to minimize the pollution due to the slag and ash storage yard upon the environment.

Key words: air pollution, ash, dense slurry, environmental protection, slag

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