

**AN OVERVIEW ON TREATMENT OF THE WASTEWATERS AND
SLUDGES FROM ELECTROPLATING PLANTS – EU LEGISLATION**

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ABSTRACT

Metal finishing and electroplating processes are among the most significant sources of hazardous waste. The main steps of wastewater treatment processes are analysed and special technical details of each method are presented. The various alternative processes available for sludge treatment, as far as plating industry is concerned, are also presented, with special reference to application data for each process. The main sludge disposal options are described, enriched with relative data from EU countries, including Greece. A survey of the existing legislative frame, concerning the environmental protection from electroplating plants operation, is performed and the results are given in a tabular form.