

ECONOMIC EVALUATION OF DOMESTIC WASTE INCINERATION

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ABSTRACT

The substitution of the E.U. directive 89/369/EEC, concerning the incineration of domestic wastes, by a new one (to be implemented by the year 2000) defining more strict limits for emissions and disposal of liquid and solid combustion by-products, will result in an economical charge. A feasibility study, for the construction of a modern unit of domestic waste incineration, with the possibility of energy recovery and with a capacity of 100 tn/d, is represented here. An economical evaluation of the above unit was done, in order to estimate the contribution of the cleaning systems in the fixed investment and operational cost.