

**EXHAUST GASES PRODUCED BY INDUSTRIAL STEAM GENERATORS  
IN GREATER THESSALONIKI AREA**

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**ABSTRACT**

The results of a study of indications of exhaust gases produced by Industrial steam generation are presented in the paper. This was a study task included in the framework of the project: The qualitative as well as the quantitative assessment of emissions produced by the large industries located within Plan Area of Thessaloniki. The project was realized in the installations that have the higher consumption of fuel (either natural gas or two types of heavy oil). The statistically interpreted results of measurements at combustion parameters such as flue-gases temperature, O<sub>2</sub> and excess air ( $\lambda$ ) calculation, CO, NO<sub>x</sub>, SO<sub>2</sub>, HC, soot index (Rz) and efficiency calculation, are presented in graphs and tables. The above elements are compared with the results of 1988-90 period measurements.