

FORMATION AND EMISSION OF COMPOUNDS AFFECTING ENVIRONMENT

A. OTS*

Thermal Engineering Department
Tallinn University of Technology
116 Kopli St., 11712 Tallinn, Estonia

This paper gives an overview of the formation of nitrogen oxides, sulfur oxides, carbon monoxide, carbon dioxide and other harmful components emitted by oil shale-fired plants. Formation of these compounds and their concentration in flue gas are determined mainly by the properties of fuel and combustion technology. Some information is given on oil shale pulverized firing and combustion in circulating fluidized bed.

* E-mail aots@sti.ttu.ee