

OIL SHALE COMBUSTION TECHNOLOGY

A. OTS*

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

The research activities at Thermal Engineering Department of Tallinn Technical University conducted in the field of ash deposit formation, heat transfer, high-temperature corrosion and wear of heat-transfer surface metal were aimed at developing constructions, installation schemes and calculation methods of boiler burning low-grade fuel. On the basis of this research activity, oil shale boilers for both the Baltic and Estonian power plants were designed and erected.

* E-mail aots@sti.ttu.ee