INVESTIGATION OF THE MINERAL COMPOSITION OF ESTONIAN OIL-SHALE ASH USING X-RAY DIFFRACTOMETRY

A. PAAT, R. TRAKSMAA

Centre for Materials Research, Tallinn Technical University 5 Ehitajate Rd., Tallinn, 19086 Estonia

The mineral composition of ashes from oil shale power plants was determined by X-ray diffractometry using modern software and databases. Changes in the whole ash as well as its fractions were observed throughout the ash-handling system.