Photo 1. TEM pictures showing effects of microwave treatment of eternit.
The results of X-ray examination (XRD) are illustrated in Photo 2.

Photo 2. XRD and TGA/DSC diagrams.

Photo 3. Ceramic half-rings by ZAMAC
Photo 4. MOS reactor filled with microwave-absorbing ceramics (view from the top).

Photo 5. Distribution of temperature in the chamber of the MOS reactor.
Fig. 1  ATON 200 reactor with MOS reactor and ATON HR reactor with MOS reactor.
Photo 6. Power supplies located in the cabinet.
Figure 2. Chamber of a single heating segment with radiators
Fig. 3 Block diagram of control system
Photo 7. Display on the front panel of the control cabinet

Photo 8. Screen display with process parameters
Fig. 7. Simplified diagram of a remote monitoring and control in AMIANTE system.
Photo 9. ATON 20 reactor with MOS reactor
Photo 10. ATON HR 300

Photo 11. ATON HR-lab
Photo 12. ATON HR 300 reactor with MOS system.
Diagram 1. Selected diagrams of CO₂, CO and VOC concentrations in off gases.
Photo 13. HR reactor with MOS reactor under tests in Latvia.