

Hungarian waste incineration operator Ecomissio once more relies on RATH for refractory lining

Ecomissio is one of the most important waste incinerator companies in Hungary and has two sites – one in Tiszaújváros, the other in Tiszavasvári. Since 1996, RATH has regularly provided the Tiszaújváros site with high-quality refractory materials. The latest refurbishment project was completed successfully in June 2020.

The annual waste incineration capacity of Ecomissio in the Tiszaújváros plant alone is more than 12,000 tons. Both liquid waste (waste mostly from the pharmaceutical industry) and solid waste (solid material contaminated with hazardous substances) are incinerated here. The working temperature is approximately 950°C in the rotary kiln and about 1150°C in the post combustion chamber.

Refractory lining for the rotary kiln and the post combustion chamber

Ecomissio started the on-site construction work at the plant in Tiszaújváros on June 2, 2020, and completed it on June 22, 2020. In addition to the engineering and the supply of refractory materials, RATH also handled the entire project documentation, including the designing process, the heat transfer calculation and the heating curve.

During the installation of the refractory lining, approximately 118 tons of dense bricks, 27 tons of insulation bricks and 45 tons of castables plus mortar were used for the rotary kiln and the post-combustion chamber.

"A major challenge of this project was to react rapidly to the customer`s requests and to fulfil the short delivery time. But the flexibility of RATH and our good working relationship with the construction company as well with Ecomissio, allowed us to overcome the challenges", says Norbert Ferenci, sales manager at RATH.

Ecomissio is satisfied with RATH`s team and the quality of the overall service they received. This also confirmed their decision to trust RATH as an experienced supplier of refractory materials since 1996.

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