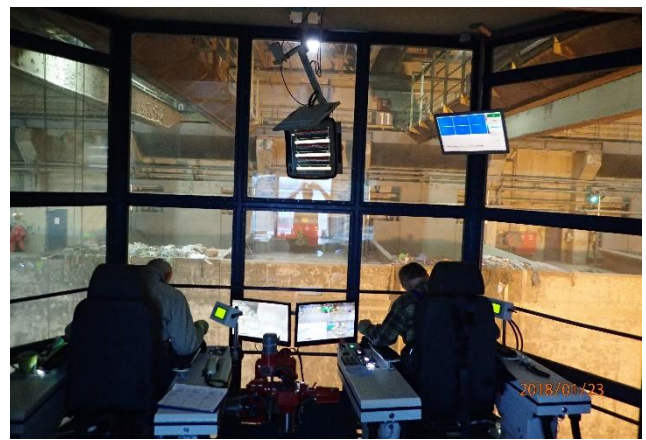
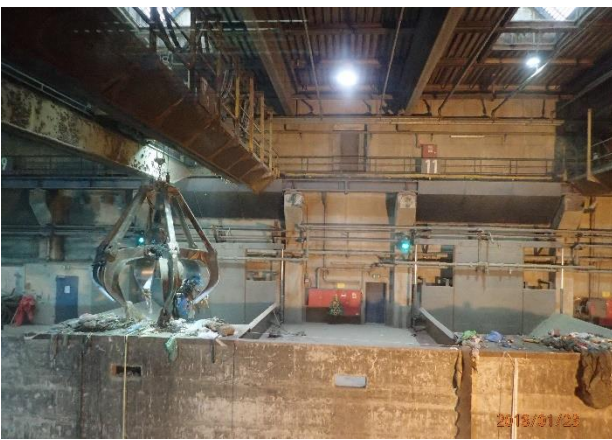


**Client: AVA Augsburg**  
**Project: Retrofit of waste handling crane system**  
**Services: Preliminary planning, draft planning, tendering, contract awarding**



### General

The existing refuse cranes at the incineration plant AHKW Augsburg are approaching the end of their service life after just under 30 years of operation.

The annual volume of waste has increased over the years, resulting in a considerably increased load on the crane systems and number of load cycles. This situation has been further exacerbated by the increasing number of walking-floor vehicles.

In the future, the new crane system is to facilitate an annual throughput of 270,000 Mg/a for the incineration lines, necessitating an increase in payload and the use of larger grabs. The handling capacity also needs to be increased to ensure more thorough mixing.

When performing this measure, all preparations were made for fully automated operation of the

cranes, such as position determination, access control and video technology

Both cranes are to be replaced over the two crane exits in the course of two overhaul periods.

### Planning work

The planning work covered the preliminary and draft planning as well as tendering and contract awarding.