

Magnesium Recycling Plant

Delfzijl, The Netherlands



The project involved the development, planning, coordination, design, construction, and start-up of a magnesium alloy production and recycling facility using state-of-the-art magnesium metal melting and purification technology. The facility had a production capacity of 10,000 tonnes, producing a variety of magnesium alloys.

The plant had the capacity to recycle many types of industrial magnesium scrap, including oily turnings and dross. Our managers and engineers worked closely with the client in the planning and implementation of this project, from the initial concept to the operations stage.

The early phase activities included business plan preparation, capital and operating cost estimates, market studies, and environmental and construction permit applications. In the later stages, we executed the construction of the buildings on a complete turn-key lump sum basis, as well as acted as the main EPCM for the entire project.

CLIENT

Remag Alloys B.V.

LOCATION

Delfzijl, The Netherlands

YEARS

2002—2003

PHASE

- Feasibility Study
- Detailed Engineering
- Construction

COST

\$10 M (UDS)

