

青海盐湖工业将在安徽投资建设 5000 吨/年镁铝合金压铸项目

5kt/a Mg-Al alloy die casting project in Anhui underway by Qinghai Salt Lake Industry

On Oct. 28, Qinghai Salt Lake Industry announced that its wholly-owned subsidiary Qinghai Salt Lake Trimag Magnesium plans to invest in the construction of precision die casting project of magnesium alloy and aluminum alloy with output of 5000t/a in Hanshan County, Maanshan City, Anhui Province.

The announcement said the purpose of investment in this project is to solve the development difficulties of Qinghai Salt Lake Trimag Magnesium in Xining, Qinghai province, integrate into the core areas of the industrial chain and resolve the regional disadvantages far away from customer market, through constructing plants in other regions to layout the magnesium industry chain, cooperate to drive the existing production in Qinghai, improve the whole industry chain of magnesium alloy production, reduce production costs and improve enterprise benefits.

The project will run by a new company Anhui Salt Lake Trimag Magnesium New Material, with main business in the production and sales of magnesium alloy and aluminum alloy precision die castings; and R & D of magnesium lithium alloy. It will also include the R & D and production of magnesium-aluminum alloy extrusions. With total planned investment of 49.8 million yuan, the project, upon completion in two years, will bring annual capacity of 5000t of Mg-Al alloy die castings.

Now domestic die-casting manufacturing industries are mostly concentrated in Yangtze River, Pearl River Delta, and coastal areas, where industrial supporting facilities, as die-casting, mold design and full process production are relatively perfect, along with concentrated high-end talents and strong R & D force. Salt Lake Special Magnesium, since 2017, has developed over 30 kinds of magnesium/aluminum alloys through mass production. Due to being far away from above areas, however, there are obvious regional disadvantages, as high logistics transportation cost and delayed quality information feedback, resulting in poor economic benefits. In order to break through the business difficulties and ensure the sustainable development, the

company decides to invest in the construction of magnesium processing project in Yangtze River Delta, and magnesium alloy for Trimag Magnesium will be low-carbon primary magnesium insourced from Qinghai Salt Lake Magnesium, which will extend internal industrial chain, improve value-added magnesium products and economic benefits related.

The project locates in Hanshan Economic Development Zone, Anhui Province, adjacent to Nanjing, Hefei, Ma'anshan, Wuhu, Tongling and Chuzhou, which has good geographical advantages. Hanshan county boasts complete supporting foundation of casting industry chain, close to downstream customers and markets.

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