

PRESS RELEASE

Despite Corona:

Reimann handles furnace refurbishment in record time

Complete refurbishment of deep furnace 1 and 2 for AluNorf in only 6 months

Mönchengladbach, 01.07.2021 - Special times - special challenges have to be mastered. Despite Corona, Reimann GmbH has refurbished a complete aluminum preheating furnace (deep furnace 1 and 2) for the Neuss-based company AluNorf in a record time of only 6 months.

"We are particularly proud that, despite the Corona-related difficulties in material availability, we managed to completely refurbish the deep furnace within 6 months from receipt of the order, including partial construction, work preparation, fabrication, disassembly and assembly. Normally, we would calculate 10-12 months for a project of this size," explains Jürgen Kreutzer, Managing Director of Reimann GmbH.

As part of the refurbishment, the project manager responsible for industrial furnace systems at Reimann, Mr. Christoph Apel, first drew up a refurbishment concept that included both the development of a new intermediate wall and other necessary refurbishment steps. "We first checked which parts specifically needed to be refurbished and then drew up a corresponding refurbishment concept," describes Christoph Apel. Thus, the complete insulation of the furnace was replaced by a new insulation layer. The intermediate wall between the two furnaces was also replaced. In addition, the Reimann team also renewed the fan wheels, radiant tubes and the inner housing including the spiral housing in the furnace.

Michael Wälchli, Technical Managing Director of AluNorf - Aluminium Norf GmbH, is satisfied with the progress of the project: "We have already been working very successfully with Reimann GmbH in the field of furnace refurbishment for several years. However, we have not yet had to plan any of the refurbishment projects under these special conditions. In this respect, it was also a really special project for us from start to finish. Because downtime for our industrial furnaces naturally also means that we have less capacity available for production. It is therefore all the more important that the downtimes are planned precisely and also adhered to. "

"All parts were manufactured on site in Mönchengladbach by Reimann and then assembled in the furnace," explains Christoph Apel. "Over the project period, approximately 160 tons of partially heat-resistant material were processed for the new production, Apel explains. "

To illustrate the dimensions of such a project, one need only look at the dimensions of the aluminum preheating furnace produced: 16m wide, 8m deep and 8m high bear witness to the painstaking detail work required to assemble the approximately 10,000 individual parts.

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About Reimann GmbH

Reimann GmbH is an industrial manufacturer and, with its high-quality products, has been one of the most important suppliers for German and European mechanical and plant engineering for more than 45 years. With the claim "excellence in industrial solutions" the company combines the claim to be a competent and reliable partner for customers and to offer innovative solutions.

Under the leadership of owner and managing director Jürgen Kreutzer, Reimann has developed in just under 10 years from a steel fabricator to an industrial fabricator and specialist in the refurbishment of industrial furnaces. The family-owned company undertakes complex industrial projects in the business areas of industrial furnaces, technical insulation, stainless steel fabrication, boiler fabrication, pipeline construction, steel construction and sheet metal processing for national and international customers. In addition to on-site maintenance and assembly work, prefabrication in the company's own production halls at its headquarters in Mönchengladbach is a core competence of Reimann GmbH.

Reimann GmbH's customers include well-known companies and groups such as ALUNORF, GE Grid, Aleris International, Constellium, TRIMET Aluminium, Novelis Deutschland, SMS MEER, RWE, ThyssenKrupp and Mitsubishi Hitachi Power System Europa GmbH. For more information, visit www.reimann-gmbh.com.

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About Alunorf - Aluminium Norf GmbH

Aluminium Norf GmbH, or "Alunorf" for short, is the world's largest aluminum smelting and rolling mill and a leader in the production of hot- and cold-rolled aluminum strip. The company employs over 2,200 people. The plant was founded in 1965 and now covers an area of around 577,000 m². It includes three major production areas: the smelter with the recycling center, the hot strip area and the cold strip area. Alunorf is a joint venture between Speira GmbH and Novelis Deutschland GmbH. Alunorf produces exclusively for its partners, who process the starting material at their sites around the world. Around 1.5 million tons of rolled aluminum leave the plant every year. Customers use it to manufacture cans, foils, offset printing plates and automotive parts, for example.

For more information, visit www.alunorf.de.

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