



thyssenkrupp

Press release

Materials Services business area

August 16, 2018

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New material for generators: thyssenkrupp Schulte supplies material for innovative aluminum fan blades

thyssenkrupp Schulte, a company of thyssenkrupp's Materials Services business unit, has collaborated with Siemens to develop new fan blades made from a special aluminum alloy. The innovative material is used among other things in generator cooling fans.

Gerald Mulot, sales manager for major customers at thyssenkrupp Schulte, believes this will deliver significant cost benefits to the customer: "Being in close proximity to our customers means we can check their production processes regularly for potential savings. That was the case with the fan blades. The switch from steel to aluminum will provide Siemens with the same functionality at significantly lower cost."

The optimized part was identified as part of thyssenkrupp Schulte's central key account support. Extensive tests were conducted and trial deliveries met all requirements.

thyssenkrupp Schulte will now supply Siemens with several tons of aluminum mill products per year from its logistics center in Dortmund on a just-in-time basis. "That will allow Siemens to concentrate fully on its core activities," says Mulot.

thyssenkrupp Schulte GmbH is a materials partner for carbon and stainless steels and nonferrous metals, providing made-to-measure products for over 70,000 customers in industry, construction and the trades. The company has a broad range of flat products, sections and tubes for all requirements which can be cut to customer specification. Closeness to customers is another key advantage: With over 40 sites in Germany, thyssenkrupp Schulte is always close at hand and can serve customers throughout the country quickly and reliably. A wide product range, professional advice and extensive services round out the portfolio of Germany's biggest materials distributor.

About Siemens Power & Gas Division

The Siemens Power and Gas Division offers utilities, independent power producers, engineering, procurement and construction companies (EPCs), and oil and gas customers a broad spectrum of products and solutions for the environmentally-compatible and resource-saving generation of power from fossil fuels and renewable sources of energy and for the reliable transportation of oil and gas.

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With around 480 locations in over 40 countries, thyssenkrupp Materials Services is the biggest materials distributor and service provider in the western world. The broad service spectrum offered by the materials experts enables customers to concentrate more on their individual core businesses and spans two strategic areas: global materials distribution as a one-stop shop – from steel, tubes and pipes, nonferrous metals and specialty materials to plastics and raw materials – and tailored services in the areas of materials management and supply chain management. An extensive omnichannel architecture offers 250,000 customers worldwide cross-channel, round-the-clock access to more than 150,000 products and services. A highly efficient logistics system ensures that all requested services are smoothly integrated into customer production processes “just-in-time” or “just-in-sequence”.

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