

protection to the cutting tool even in hard, high-torque machining applications.

RotaGel Cutting Lube is an environmentally safe lubricant because its core ingredients are based off of a food-grade lubricant. It is non-toxic and biodegradable.

With the consistency of a creamy gel, RotaGel has properties that help it adhere to the tool and reduce friction throughout the cut. Because it is formulated with a Hougén blue color, it allows the operator to consistently gauge where the lubricant is applied and visually assures thorough coverage. Designed for use on all metals including carbon steel, stainless steel, inconel, hastalloy, titanium, aluminum, and other alloys and exotics, RotaGel is a versatile cutting lubricant that provides maximum lubrication and increased tool life with many different applications and tools. Examples of applications include: annular cutters, taps, drills, saws, reamers, endmills, general lubrication, and more. Not only does RotaGel provide lubrication to cutting tools, it also improves hole and surface finishes.

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► MANUFACTURING

Siemens Gamesa secures Brazil's largest-ever contract

Siemens Gamesa has reinforced its position in Brazil having signed its largest contract in this market. The company will supply a total of 471 MW to Neoenergia, Iberdrola's Brazilian subsidiary.

The agreement encompasses the commissioning of 136 of the company's SG 3.4-132 turbines at the Santa Luzia complex, which comprises 15 wind farm developments, in the state of Paraíba, in north-eastern Brazil.

The SG 3.4-132 is one of the company's newest and most efficient turbines; its blades stretch 65 meters long. Lastly, this contract will



Siemens Gamesa will supply a total of 471 MW of turbines to Neoenergia, Iberdrola's Brazilian subsidiary. (Courtesy: Siemens Gamesa)

also help foster the local manufacturing base as the turbines will be made at Siemens Gamesa's factory in Camaçari.

"We are very proud that Iberdrola has selected us for such an important endeavor," said José Antonio Miranda, CEO of Siemens Gamesa in the Americas. "It constitutes a milestone in the history of the Brazilian wind sector as it is one of the largest turbines contract ever placed in this market."

MORE INFO

www.siemensgamesa.com

► MANUFACTURING

Ingeteam to deploy new wind standard

Ingeteam, an independent global supplier of electrical conversion and turbine control equipment, recently announced it just completed the training program designed to deploy the new APQP4Wind quality processes standards across the industry.

Ingeteam, as an excellence-driven converter manufacturer, voluntarily sought compliance with the demanding requirements and welcomes the quality standardization for the wind sector.

APQP4Wind is a new wind-industry standard designed to enable wind energy OEMs and component manufacturers to strengthen their cooperation with regards to quality

assurance processes.

It is also instrumental in establishing the common mindset and terminology needed in the industry to work collaboratively on these issues. For Ingeteam, fulfilling the requirements of APQP4Wind implies that the standards will be fully complied with throughout the designing and manufacturing processes, so they are well aligned with their partners' processes.

"Innovation is no longer just about technology. It is also about continuously finding new, more effective processes to deliver higher quality and increased customer satisfaction," said Ana Goyen, director of Ingeteam Wind Energy. "It is no accident that Ingeteam adopted APQP4Wind without actually being required to do so. Our company culture is innovative by design, which is why we have always been able to anticipate our customers' needs. It underpins our continued effort to stay ahead of the competition, striving to meet our clients' most stringent requirements."

The APQP4Wind project was initiated in 2016 by the Danish Wind Industry Association (DWIA) after the trade body recognized the importance of establishing quality processes standards for the wind industry. DWIA enlisted the support of key OEMs such as Vestas and Siemens Gamesa (formerly Siemens Wind Power) to contribute to the development of these new quality standards. ↘

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