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SIKORA

MOVING FORWARD

Featuring: wire Düsseldorf 2024

DISCOVER AT WIRE...

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Celebrating the success of carbon emissions reduction

Hendrik Veder Group provides products, training and solutions that include the wholesale of steel wire rope, and the production of single-laid wire rope slings, as well as heavy lift products. The company's UK branch is marking the success of a recent trial project that saved 36,000kg of CO₂ emissions.

The project, arranged and delivered on behalf of a global company in the energy industry, was the trial stage for a new sustainable circular fibre rope project. Using its network of partners and a 15+ year vendor relationship, Hendrik Veder Group's Aberdeen office identified the solution before coordinating the inspection, collection and processing of around 18 metric tons worth of used lifting slings.

Following the collection of synthetic lifting and mooring equipment, the circular process that was applied allowed raw materials to be salvaged and adopted into a closed-loop recycling formula. From this, the raw materials can be repurposed into new products to be used by operators.

The sustainability-focused project, delivered in collaboration with the company's branch in Rotterdam, Netherlands, proved to be effective, saving not just emissions but the time and costs involved in comparison with incineration processing.

Hendrik Veder also found that the commercial value of the initiative was higher than the initial cost of the set-up.



Alternative sustainable solutions

Discussing the success of the trial, managing director Bertwin Zonneveld said, "The success of this pilot initiative has shown fantastic promise, providing a sustainable alternative to high-carbon-producing industry standards. Early signs as a result of the trial showed that if circular rope projects like this were implemented on a structural level, operators have the chance to substantially reduce their carbon footprint, saving as much as 36,000kg of CO₂ emissions."

Hendrik Veder Group
www.hendrikvedergroup.com

Fuelling the future of sustainable steel production

Mukand Ltd has partnered with Mahanagar Gas Ltd (MGL) to supply piped natural gas (PNG) to its stainless steel manufacturing plant in Thane, India.

The signing of the agreement between Mukand and Mahanagar Gas



Recognising the need for eco-conscious practices in steel manufacturing, Mukand's collaboration with MGL shows its dedication to reducing its carbon footprint – using clean energy solutions to mitigate its impact on the environment while enhancing operational efficiency.

Mukand's president, Shashibhushan Upadhyay, expressed his enthusiasm about the strategic partnership: "At Mukand Ltd, our ethos revolves around environmental consciousness and sustainable progress. Our alliance with Mahanagar Gas Ltd is a testament to our

unwavering commitment to a cleaner, greener tomorrow. We firmly believe that the future of the industry hinges upon adopting eco-friendly practices, and this collaboration seamlessly aligns with our vision of responsible steel production.

"Integrating piped natural gas into our operations is not merely a step towards reducing our environmental impact; it's a bold stride towards setting industry benchmarks and inspiring positive change."

Mukand Ltd www.mukand.com

Kyocera Fineceramics to double capacity in Germany

Kyocera Fineceramics Europe GmbH plans to invest around €34mn in its two German sites (Mannheim and Selb) in the 2023/24 financial year.

The company supplies advanced ceramics for industrial applications ranging from automotive to energy and medical technology to semiconductor manufacturing.

"The challenges of industrial transformation in Germany are enormous – especially so in an energy-intensive industry like ours," said Dr Carsten Rußner, president of Kyocera Fineceramics Europe. "That is why linking commercial aspects and green issues is particularly important to us. This

is exactly what these investments are designed to achieve."

Kyocera states that demand for its products is high, and the company wants to continue its growth, with a clear strategy in place.

The company has hired more than 200 new employees since the acquisition and merger of its two predecessor companies – the non-oxide ceramics manufacturer HC Starck Ceramics GmbH in Selb, and the ceramics business of Friatec GmbH in Mannheim. Armin Kayser, executive vice president, said, "After laying the foundations for the new administration and logistics centre in Mannheim in March [2023], we intend

to expand our production facilities in a focused manner over the next few months. In Selb, we will also convert existing buildings and construct new ones on newly acquired land."

New production facilities will be set up in existing buildings in Mannheim and the power supply will be put on a new footing. This will include an environmentally friendly wooden structure as well as photovoltaic modules for generating electricity and the use of waste heat from the sintering furnaces for heating and cooling the entire site.

Kyocera Fineceramics Europe GmbH
www.kyocera-fineceramics.de