PRESS RELEASE

Contacts:
Sara Secomandi, +39 0331 444 111, communications@tenova.com

Tenova to supply an Acid Regeneration Plant for Delna in Italy

Tenova's sustainable technologies will be used to regenerate waste acid in the plant's pickling line.

Castellanza, October 10, 2024 – **Tenova**, a leading developer and provider of sustainable solutions for the green transition of the metals industry, has been awarded a contract by **Delna S.p.A.**, an ArcelorMittal CLN Distribuzione Italia Group company and primary provider of pickling service of coils and wire rod, for its plant in Brivio, **Italy,** for an **Acid Regeneration Plant (ARP)** with a capacity of 2.000 l/h.

Thanks to this partnership and the innovative technologies of **Tenova Italimpianti**, the leading technologies and equipment supplier for reheating, heat treatment, strip processing, and acid regeneration plants, Delna's investment will boost the green transition of its plant, recovering the waste acid used in its pickling line and therefore minimizing its environmental footprint.

The new ARP will be equipped with the **BLUEdriven™** cutting-edge package solutions that will be controlled by a customized monitoring process, increasing production flexibility and optimizing operative costs, while guaranteeing minimal environmental impact.

The **BLUEdriven™ FlexCapacity process** provides unique and significant capacity flexibility that allows adjustments to steel production according to demand, while the ARP's operation remains uninterrupted and stable. This configuration optimizes energy consumption, reduces the plant's ecological footprint, and extends its lifetime.

The **ZeroWaste** fully automated process recycles the rinsing and scrubber water from the pickling process at different concentrations, recovering the available chlorides of the production cycle and closing the loop. It will also enable plant efficiency at a superior level. Additionally, the modular systemic design will allow for further improvements to the plant without major modifications to its equipment.

The **BLUEdriven™ Emission Control system** will set a new level of Best Available Technology (BAT). It allows to comply with the strictest emission values: its effluent-free, multiple-stage cleaning section will result in no environmental contamination.

The ARP will be equipped with **Tenova Edge,** the Tenova IIoT gateway which allows the connection of the ARP to Tenova's IIoT Platform. Tenova will provide Delna with tailored dashboards, showing KPIs related to the ARP operation.

After completion, Tenova will provide technical and technological support for 24 months, both remotely and on-site, with the aim of continuously optimizing performance.

"With this project, the Delna, already a key player in the Italian and European steel industry, further enhances its commitment to environmental sustainability and eco-friendly processes," commented **Gabriele Fabbi**, Plant Manager at Delna.

"*The challenge of this specific project is the location of the plant itself, which is surrounded by a national park. Since the beginning, both the customer's and Tenova's goal has been the protection of the sensitive environment"* stated **Gregor Kappacher**, Project Director at Tenova Austria. *"Thanks to our expertise and sustainable technology, we have designed a plant that fully complies with the latest environmental standards, while being cost-effective and flexible for future development."*

About Tenova

Tenova, a Techint Group company, is a worldwide partner for sustainable, innovative, and reliable solutions in the metals and – also through the well-known TAKRAF and DELKOR brands – in the mining industries. Tenova leverages a workforce of over 2,400 forward-thinking professionals located in 18 countries across 5 continents, who design technologies and develop services that help companies reduce costs, save energy, limit environmental impact, and improve working conditions.

For more information, visit www.tenova.com.