

PRESS RELEASE

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Tenova's New EAF and Consteel® Evolution Plants for Guangdong Nanfang Donghai Iron & Steel Co., Ltd.

Castellanza, November 16, 2020 – Tenova, a leading company specialized in innovative solutions for the metals and mining industries, has been contracted by Guangdong Nanfang Donghai Iron & Steel Co., Ltd. to supply two Electric Arc Furnace (EAF) and Consteel® Evolution plants equipped with Consteerrerr™ technology for the customer's melt shop plant in Yunfu City, Guangdong Province, China.

Tenova's **EAF Consteel® Evolution** fulfills the need to **reduce pollution and CO₂ emissions** thanks to its operational reliability as well as advantages such as savings in electrical consumption, improved productivity, high-quality steel, and greater environmental protection and workplace safety.

In addition to Consteel®, the project introduces the **Consteerrerr™** technology. This innovative electro-magnetic stirring system, jointly developed with ABB, brings the advantage of lower operating costs, providing more reliable and safer operations, higher steel quality and more precise logistics.

Consteerrerr™ enhances the Consteel® Evolution process with ABB's ArcSave® non-contact electromagnetic stirring of the furnace's liquid bath, and can be customized to match the needs of different EAF process steps.

*"Even in this particular period, Tenova has always been dedicated to the fulfillments of its clients' needs with its technological solutions", said **Jie Chen**, Sales Director at Tenova Technologies(Tianjin) Co., Ltd. "I am very proud of this contract: once again our technologies have been recognized as the most performing by the client, with whom, from the first technical discussion, the co-operation was fruitful and satisfying".*

About Tenova

Tenova, a Techint Group company, is a worldwide partner for innovative, reliable and sustainable solutions in metals and mining. Tenova, including its TAKRAF affiliates, leverages a workforce of over 2,500 forward thinking professionals located in 19 countries across 5 continents, who design technologies and develop services that help companies reduce costs, save energy, limit environmental impact and improve working conditions.