

PRESS RELEASE

Contacts:

Sara Secomandi, +39 0331 444 110, sara.secomandi@tenova.com

Giuseppe Lucido, +39 335 6033314, giuseppe.lucido@edelman.com

Tenova develops new ConsteerrTM technology for Shandong Laigang Yongfeng Steel Corp. in collaboration with ABB

Castellanza, 05 June 2018 – Tenova, a company of the Techint Group specialized in innovative solutions for the metals and mining industries, has been contracted by Shandong Laigang Yongfeng Steel Corp., a subsidiary of Yongfeng Group Ltd, to supply two Electric Arc Furnace (EAF) and Consteel[®] Evolution plants equipped with ConsteerrTM technology for the customer's melt shop plant in Dezhou City, Shandong Province, China.

Environmental regulations recently introduced in China aimed to reduce pollution and CO₂ emissions have motivated Chinese steelmakers to use a different manufacturing approach, with some converting their steel shops plants to EAF technology, increasing the share of electrical steelmaking in comparison to Blast Furnace (BF) or Basic Oxygen Furnace (BOF).

Tenova's **EAF Consteel[®] Evolution** fulfills this need 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 for Shandong Laigang Yongfeng introduces the new **ConsteerrTM** technology. This solution was developed by Tenova and ABB – a pioneering technology leader that works closely with utilities, industry, transportation and infrastructure customers to write the future of industrial digitalization and realize value.

Thanks to ConsteerrTM technology, the production process is characterized by lower operating costs, more reliable and safer operations, higher steel quality and more precise logistics.

ConsteerrTM 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.

"Thanks to the co-operation with ABB, Tenova offers its customers a complete technological solution able to bring considerable advantages including reduced furnace operating costs, limited energy and electrode consumption, and faster and homogenous scrap melting.", stated **Silvio Reali**, Tenova Senior Vice President, Melt Shops.

About Tenova

Tenova, a Techint Group company, is a worldwide partner for innovative, reliable and sustainable solutions in metals and mining. Leveraging a workforce of over three thousand forward-thinking professionals located in 22 countries across 5 continents, Tenova designs technologies and develops services that help companies reduce costs, save energy, limit environmental impact and improve working conditions.

For more information, visit www.tenova.com