

PRESS RELEASE

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Tenova Supplies and Installs New Electric Arc Furnace (EAF) for Valbruna ASW Inc.

Castellanza, February 9, 2023— Tenova, a leading company in sustainable solutions for the green transition of the metals industry, recently completed the successful start-up of **the new 70t EAF at the Valbruna ASW Inc. plant**, located in Welland, Ontario (**Canada**). Valbruna ASW is a premier specialty steel producer that manufactures high quality steel and stainless steel.

Tenova's latest generation EAF unit has replaced an older EAF vessel. The spout shape of the new furnace will provide **an increase in melt shop productivity** as well as **an improvement to the production reliability** of manufacturing specific high-quality steel and stainless steel grades.

The scope of supply also included associated auxiliary equipment, the **innovative TDRH 4.0** (Tenova Digital Regulator and Harmonics) **electrode regulation system**, the **KT** (Koester Technologies) **chemical injection system**, a ladle-charging material handling system and complete EAF automation. The **KT chemical injection system** is designed to fit the wide range of process needs, balancing the energy distribution and increasing the efficiency and productivity. The **new automation system** provides several advantages which will increase the efficiency of the plant. The system will guarantee the correct execution of the working cycle in relation to the production of different steel grades, while optimizing the parameters and storage of production data. The system is also designed to comply with all safety standards.

*"We are proud of the innovative and state-of-the-art EAF design achieved for Valbruna ASW. It is through our important and long-term relationship with the Valbruna Group that this project was made possible. We have **increased the plant's production, sustainability and safety**. We expect the plant to become a landmark for the production of high quality steel and stainless steel in the North American market",* said **Aldo Savioli**, Project Manager Operations at Tenova Upstream.

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 2,200 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.

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