

PRESS RELEASE

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Tenova receives order for one (1) NextGen[®] System for Tokyo Steel, Tahara Works, Japan

Mississauga, 30 November 2017 – With ten (10) NextGen[®] systems in North America showing excellent system performance and quantifiable process improvements, Tokyo Steel Co., Ltd., Tahara Works in Tahara-shi, Aichi, Japan, has placed an order for one (1) NextGen[®] system for their DC EAF-Consteel[®]. The NextGen[®] sale represents the 8th offgas system and the first NextGen[®] system to be supplied by Tenova in the Japanese steel market.

Tenova's proprietary NextGen[®] system is a hybrid/extractive offgas technology system that delivers fast analytical response times and the most complete spectrum of process analysis (CO, CO₂, O₂ and H₂). The NextGen[®] sale was a result of joint collaboration by Tenova Goodfellow Inc. (TGI) and Sumitomo Shoji Machinex Corp. (SMX) to bring breakthrough technology to the Japanese Steel Industry.

The NextGen[®] system will be installed on Tahara Works existing 420 ton DC EAF furnace and the largest capacity Consteel[®] in the world. The scope of supply includes proprietary NextGen[®] system hardware, inclusive of two sampling stations, one central multi-point analyzer and Optical Velocity Measurement (OVM) for downstream analysis, a key component to understanding the carbon evolution.

Other project deliverables include a scrap tracking system, improved HMI displays and CFD modelling for the analysis of the EAF and preheat tunnel to determine mass flow in the EAF and Consteel[®], cold spots to enable Tenova to provide a full process optimization solution for the customer. Commissioning of the system is expected to take place in the summer of 2018.

About SMX

Sumitomo Shoji Machinex, a Sumitomo Corporation Group company, is a worldwide trading company since the establishment in 1962. SMX provides business solutions centered on the fields of machinery, electrical devices, and information/communication, contributing to the development of industrial society.

For more information, visit www.smx.co.jp/index_e.php

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