

PRESS RELEASE

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Dongkuk Steel Mill Co. Ltd. contracted Tenova Goodfellow Inc. for a NextGen® System for improved furnace efficiency

The installation and commissioning of Tenova's NextGen® will provide enhanced EAF efficiency, real-time monitoring, and control capabilities.

Mississauga, May 16, 2024 – Dongkuk Steel Mill Co. Ltd., a leading steelmaker in Korea, has recently contracted **Tenova Goodfellow Inc.**, a subsidiary of **Tenova**, a leading developer and provider of sustainable solutions for the green transition of the metals industry, to improve its furnace efficiency. The scope of the contract involves the supply and installation of Tenova's **NextGen® System** at Dongkuk's Incheon Plant in Dong-gu, Incheon, Republic of Korea.

The NextGen® System, tailored for Dongkuk Steel's 120-ton AC shaft furnace, incorporates advanced hardware and temperature sensors for off-gas measurement which include two sampling stations and a central cabinet.

Characterized by its **hybrid laser/extractive off-gas analysis system**, NextGen® offers numerous benefits. It provides faster analytical response times and a comprehensive spectrum of process analysis, covering CO, H₂O, CO₂, O₂, and H₂. This empowers operators with real-time monitoring and control capabilities, leading to minimized operational risks and optimized production efficiency. In addition, the system's low maintenance requirements contribute to cost savings in both hardware and installation.

*"We are very proud to have been selected as a valued partner with Dongkuk Steel," states **Marcello Pozzi**, Tenova Goodfellow Inc.'s CEO. "Tenova's latest NextGen® System will incorporate our newest improvements for an automatic probe cleaning system, humidity detection upstream and COppm downstream measurements for improved asset protection."*

The installation and commissioning of the system is expected to be realized by end of 2024.

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