

Tenova Goodfellow Inc.
170-7070 Mississauga Road
Mississauga ON L5N 7G2 / Canada
Phone +1 905 567 3030
Fax +1 905 567 3899
goodfellow@ca.tenovagroup.com



**P R E S S
R E L E A S E**

Contact:

Mary Kneebone +1 905 5673030, mary.kneebone@ca.tenovagroup.com
Marina Landi +39 010 6054475, marina.landi@it.tenovagroup.com

Tenova Goodfellow achieves EAF savings and installs EFSOP[®] water detection system at ArcelorMittal Contrecoeur Ouest Inc., Canada

(Mississauga, June 28, 2010). ArcelorMittal Contrecoeur Ouest Inc. has confirmed that Tenova Goodfellow Inc. has achieved EAF operating savings of over US\$2.00 per ton liquid steel using the EFSOP[®] system at its plant just east of Montreal Canada. These savings include significant reductions in electrical energy, natural gas and charged carbon, as well as increased productivity.

The performance benefits were accomplished through a combination of various EFSOP[®] optimization strategies that included real time closed loop control of burners and oxygen injectors for various operating conditions and various carbon endpoint grades; charge carbon practice and bucket loading modification; electrical program modification during low electrical power limit conditions; and post combustion hold mode during high fume system temperature conditions that reduced operation stoppages.

Tenova Goodfellow has also completed the installation of its EFSOP[®] Water Detection System, which detects and alerts operators in real time of abnormal water events in the furnace. The system uses the off-gas measurements from the EFSOP[®] system and proprietary software to compare abnormal operating conditions to known normal operating conditions. The EFSOP[®] Water Detection system has confirmed observed leaks such as water leaks in the smoke ring and roof delta, as well as excessive snow in the charge buckets.

About Tenova Goodfellow Inc.

Tenova Goodfellow Inc. (TGI) is a Canadian company based in Mississauga ON, Canada and is an integrated member of Tenova. As the Centre of Excellence for process control technology within the Tenova Group of Companies, TGI has one singular focus: to deliver the highest quality, most technologically advanced industrial process control technology for the markets that it serves. Goodfellow EFSOP[®] technology is the world's leading off-gas-based process control system for EAF's. It measures and analyzes EAF off-gases (CO, CO₂, H₂, O₂) continuously at the fourth-hole for real-time closed-loop process control of EAF steelmaking, resulting in improved operations, energy savings, lower conversion costs and safety benefits.

Tenova designs and supplies advanced technologies, products and services for the metal and mining industries. Tenova operates close to its customers through a network of 33 companies based on 5 continents. For more information visit our website at www.tenovagroup.com.