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## **Tenova's Latest BOF Process Technology Hits the Market**

**Milan, April 21, 2010.** At the beginning of March Tenova acquired "LanceStat", the "anti-slopping" technology developed by the US Company Nupro Corporation, to prevent ejection of scrap and steel from the furnace during the BOF steel production process. LanceStat is a technology which monitors the vibrations of the BOF oxygen lance interpreting the harmonic frequencies generated in order to predict and anticipate undesired slopping events.

The acquisition is of strategic importance for Tenova Goodfellow, owner of the EFSOP® process, a continuous real-time off-gas analysis technology that is applicable for both EAF and BOF steel production processes. Combining LanceStat technology with the EFSOP® for the BOF application will enable Tenova to gain entry into important new markets such as the BOF dynamic oxygen converter process control.

LanceStat, so far used by Nupro on an experimental basis, was successfully tested on an industrial scale by Tenova in 2009 on one of the six furnaces at the Riva Taranto steel plant. Thanks to the excellent results of the pilot test, Riva decided to extend the application to all its converters in the Taranto facility (6 BOFs in operation).

LanceStat, a new Tenova technology to deliver significant savings in process costs and boost hourly productivity rates.

Tenova designs and supplies advanced technologies, products and services for the metals and mining industries. Tenova operates close to its customers through a network of 33 companies based on the 5 continents. For more information visit the company's website at [www.tenovagroup.com](http://www.tenovagroup.com)