

LOI Italimpianti
LOI Thermprocess GmbH
Am Lichtbogen 29
45141 Essen
Germany
phone +49 (0) 201 1891.1
fax +49 (0) 201 1891.321
info@loi-italimpianti.de
www.loi-italimpianti.com



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

Contacts: **Dr. Peter Wendt** +49 201 1891-236
peter.wendt@loi-italimpianti.de

Mattia Canovaro +39 02 4384 7094
mattia.canovaro@it.tenovagroup.com

Andrea Kehry +49 201/1891-310
andrea.kehry@loi-italimpianti.de

NEW HPH® * BELL-TYPE ANNEALING PLANT FOR NLMK

Essen (Germany), September 21, 2011 – LOI Thermprocess – a company of the LOI Italimpianti Group – has received from the Russian steel company NLMK a contract for the supply of a new HPH®* bell-type annealing plant. Under the contract, LOI is to supply 23 annealing bases, 12 gas-fired heating hoods and 10 cooling hoods including all the necessary ancillary facilities for the company's Lipetsk plant.

NLMK is investing in the modernization of its bell-type annealing plant. 40 outmoded, inefficient HN_x bell-type furnaces are to be replaced with a view to significantly increasing production and improving material quality. The project is to be implemented in two stages, with the first stage due for completion in the first quarter of 2013 and the second in the third quarter of 2013.

The new HPH®* bell-type annealing furnaces will be used to anneal cold-rolled coils of low-carbon and low-alloy thin sheet up to a width of 1850 mm and a maximum thickness of 2.6 mm. Each base will have a maximum stack height of 5600 mm and a maximum stack weight of 150 t.

The capacity of the entire plant is to be 480,000 t per year.

LOI Thermprocess is also supplying the complete control system for the plant, featuring a Siemens S7-300 PLC and the advanced ProView® system which will control all 23 bases and optimize the throughput of each individual base and the entire plant.

* *High Performance Hydrogen*



Tenova LOI Italimpianti is a leading supplier of industrial furnaces and services for the metal industry. 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 the 5 continents. For more information visit our website at www.tenovagroup.com.