

## PRESS RELEASE

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### **JSC Pervouralsk chose Tenova's roller hearth continuous furnace**

**Tenova LOI Thermprocess receives order from JSC Pervouralsk Pipe Plant, Russia, for a new roller hearth continuous furnace system for bright annealing stainless steel pipes in a 100% H<sub>2</sub> atmosphere**

**Essen, January 22, 2020** - Tenova LOI Thermprocess is the specialist, within Tenova, for customer-specific heat treatment lines and continuous roller hearth furnace systems for bright annealing stainless steel pipes in a 100% H<sub>2</sub> atmosphere. It was recently awarded an important order from the Joint Stock Company Pervouralsk Pipe Plant, Russia, for the delivery and installation of a continuous roller hearth system for stainless steel pipe.

JSC Pervouralsk Pipe Plant is a subsidiary within the ChelPipe Group and specializes in the production of stainless steel tubes for a wide variety of industrial uses.

Tenova LOI Thermprocess roller hearth furnaces for the heat treatment of pipe material are ideal for the continuous production of larger throughputs. This extremely flexible furnace type is characterized by uniform heating, a definable holding time and subsequent material-specific cooling. The high temperature uniformity and the low energy consumption of these systems ensure reproducible processes, which can be precisely adapted to the desired heat treatment of the material. The drive sections can be optimally matched to the respective annealing process.

The heat treatment system for the JSC Pervouralsk Pipe Plant is designed as a roller hearth furnace for the bright annealing of 2,000 kg/h of austenitic stainless steel and nickel-based alloy pipes. The solution annealing of these high-alloy steel grades is carried out in the temperature range of max. 1,100 °C to 1,200 °C. The tubes are heat-treated in this continuously operating roller hearth system using a 100% hydrogen atmosphere as process gas.

In addition to the equipment, the scope of delivery also includes installation and monitoring of commissioning by specialists from Tenova LOI Thermprocess.

*LOI Thermprocess GmbH, Am Lichtbogen 29, 45141 Essen, Germany*

### **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 2,500 forward-thinking professionals located in 19 countries across 5 continents, Tenova designs technologies and develops services that help companies reduce costs, save energy, limit environmental impact and improve working conditions.*

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