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

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## **Tenova Pyromet to build a furnace for Xstrata Technology in Zambia**

**Johannesburg, December, 2007.** Xstrata Technology, a South African leading global marketer of processing technologies in mineral processing, leaching, refining and smelting, has contracted Tenova Pyromet (Johannesburg, South Africa), to supply the first-ever ISACONVERT™ furnace for the copper smelter at Mopani Copper Mines in Mufulira, Zambia.

Engineering work is already underway: Tenova Pyromet is working together with Xstrata Technology on the design of the furnace shell, which will be equipped with Tenova Pyromet MAXICOOL® copper cooling system.

Tenova Pyromet is particularly proud of the fact that this is the first commercial scale ISACONVERT™ furnace to be built: Xstrata Technology has developed the process based on its successful ISASMELT™ process and then subcontracted Tenova Pyromet. Xstrata Technology Business Manager, Philip Arthur, enthusiastic about this co-operation, pointed out that "Tenova Pyromet's willingness to work closely with Xstrata Technology and adhere to our process requirements was critical in their being selected as our technology partner. Their engineering capabilities are helping Xstrata Technology deliver a robust containment system for this high intensity smelting process."

On completion, set for the end of 2008, the furnace will be used for converting copper matte produced by the Mopani Copper ISASMELT™ furnace into blister copper.

With over 20 years experience in the specialist design and supply of electric submerged arc furnaces and complete smelting plants for the production of ferroalloys, base metals reduction, slag cleaning and alloy production, this project is a key to Tenova Pyromet's continued expansion into the base metals market.

### **Notes to the Editor**

The trademarked ISASMELT™ and ISACONVERT™ furnaces are based on Top Submerged Lance (TSL) technology used for smelting and converting ores for production of copper and other base metals. A mixture of oxygen and air is injected through the lance into the melt, resulting in the oxidation of sulphur in the melt and the subsequent exothermic release of energy for melting fresh feed.

Tenova, former Techint Technologies, designs and supplies advanced technologies, products and services for the metal and mining industries. Tenova operates close to its customers through a network of 30 companies based in 16 different countries. For more information visit our website at [www.tenovagroup.com](http://www.tenovagroup.com).