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Tenova Core to Supply Armstrong World Industries a Submerged Arc Furnace for Blast Furnace and Ferroalloy Slag Smelting

Pittsburgh, PA, September 20, 2010—Tenova Core, in conjunction with Tenova Pyromet (South Africa), has recently been contracted to design and supply a 12.5 MVA submerged arc furnace (SAF) for Armstrong World Industries' new 30,000 square foot manufacturing plant, located in Millwood, West Virginia.

The SAF will feature advanced electrode clamping technology and a single phase transformer with three independent on-load tap changes as well as state-of-the-art process control systems.

The Armstrong plant will manufacture mineral fiber, an inorganic, vitreous material made from blast furnace slag, ferroalloys smelter slag and other molten minerals and then spun at high temperatures. The final product is primarily a feed material for Armstrong's ceiling plants. Some product will also go through Fibrox Inc. to a variety of commercial and industrial applications, including building products, fire protection, insulation and friction materials. Armstrong selected the Millwood site because of competitive electricity market, proximity to raw material suppliers as well as a central location in relation to other Armstrong manufacturing facilities.

The SAF installation is expected to be completed in 2011 and the plant will be in full production in 2012.

About Tenova Core

Tenova Core is a leader for the design and supply of reheating, heat treating, specialty and carbon processing furnaces as well as melt shop equipment, technical services and automation systems. For more information visit www.tenovacore.com

About Tenova Pyromet

Tenova Pyromet has extensive experience in the design and construction of smelting plants and furnaces, both in South Africa and internationally. For more information visit www.tenovagroup.com

About Tenova

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