

News Release

For Immediate Release

Sinterite, A Gasbarre Furnace Group Company

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Sinterite Process Development Furnace at Research Center

Sinterite, a Gasbarre Furnace Group Company, is pleased to announce the recent installation of a Continuous Belt Furnace at the Air Liquide Shanghai Research & Technology Center in China. Air Liquide (URL: www.airliquide.com) has recently constructed a 12,000 m² (129,200 ft²) advanced technology center in Shanghai, China. The advanced technology center houses offices, showroom, laboratories and a pilot demonstration department. The Sinterite Furnace will be utilized for development of the client's sintering, brazing, annealing and heat treatment applications.

The Sinterite Furnace is a 9-zone 305 mm (12") wide continuous belt atmosphere furnace design with numerous processing capabilities. The electrically-heated furnace is capable to 1150°C (2100°F) and rapid cooling with the advanced technology Sinterite HyperCooler. Additionally, multiple configurations of atmosphere gas setups are possible (H₂, N₂, NH₃, O₂, CO₂). The process control system has advanced capabilities of monitoring and recording for process development. The furnace, being primarily designed for the powder metallurgy sintering process, has dedicated delubrication, sintering and cooling sections. There are numerous possibilities available for delubrication, sintering and cooling process setups. The Sinterite HyperCooler inline rapid cooling system provides for the ability to employ traditional protected atmosphere cooling and sinter-hardening of compacted powder metal components.

Sinterite designs, manufactures and services custom continuous belt and batch furnaces for sintering, steam treating, annealing, brazing and heat treating applications. Sinterite's quality design includes alloy and ceramic muffles, powder-handling equipment, custom fabrications and the exclusively-manufactured HyperCooler, sinter-hardening system. Sinterite is located in St. Marys, Pennsylvania, USA.

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For more information on how Sinterite can provide custom-engineered solutions for your specific industrial thermal process requirements and manufactured heat treating equipment, contact Bill Gasbarre at +1-814-590-6282 or bgasbarre@gasbarre.com. Visit our websites at www.sinterite.com or www.gasbarrefurnacegroup.com for additional information.

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