



Super**Systems**  
incorporated

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# Press Release

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## **Specialty Steel Treating Control Upgrades at Fraser Michigan Plant**

As part of Specialty Steel Treating's commitment to continuous improvement of its technology and systems infrastructure, SST has selected Super System Inc. process controls and DAQ system to manage and collect data for their Nitriding furnaces. This multi-furnace installation is part of an ongoing process by SST to replace and update all of the facility's controls. Programmable temperature controllers with cascade capability will be implemented across multiple furnaces. Process control will be handled in a centrally located SSI engineered 3-door control panel using SuperDATA for supervisory control, data acquisition and historical trend monitoring.

The new installation at SST Fraser will contribute to a very successful precision heat treating facility. Founded in 1956, SST offers the technology expertise and project management experience required to accommodate a wide range of industries. For proper thermal processing of their most critical loads, SST trusts the control maintained by SSI's Model 9130. "We are excited that the installation gives us complete traceability and quick access to historical data," says Tom Valenti from SST. "Our goal is to create an error free, easy to operate environment, making it simple to achieve the level of quality and service that our customers have come to expect."

The installation at SST will provide verification of gas flow of ammonia, nitrogen, and DA. Along with all new controls, SSI designed and manufactured H<sub>2</sub> analyzers will be used to measure and record the %DA of the nitriding process. The control system includes extensive alarms and recording, incorporating measuring and alarming of fan rotation as well as automatic cycle control and a recipe programmer for complete process management.

For over a decade, Super Systems Inc. based in Cincinnati, Ohio, has been developing and manufacturing products for the thermal processing industry. SSI's products include probes, analyzers, controllers, software solutions and engineered systems. With over a hundred years of combined experience, SSI has been addressing industry demands with the technology customers need to be more efficient and produce higher quality products.

For more information on **SSI's** capabilities please visit our website at [www.supersystems.com](http://www.supersystems.com)

For immediate release