

Metal Finishing Company Automates Oven Surveys with the Titan S8



BACKGROUND

Lincoln Industries is a large-scale metal finishing manufacturer headquartered out of Lincoln, Nebraska. Beginning as a custom plating shop in 1952, Lincoln Industries now has 10 locations across the Midwest and Mexico. Focusing mainly on plating and coating, Lincoln Industries works with world-class brands in a variety of industries.

CHALLENGE

Lincoln Industries was looking for a simple solution to automate oven surveys, instead of relying on their time-consuming manual method. Over the years, data loggers have become a popular solution, saving time while reducing the risk for errors.

SOLUTION

To ease the tedious task of manually conducting oven surveys, Lincoln Industries purchased the MadgeTech **Titan S8** data acquisition system. Equipped with eight thermocouple channels, Lincoln Industries strategically placed all eight thermocouples throughout the oven.

With the thermocouples in place, Lincoln Industries can simultaneously monitor and record all points of the oven with the Titan S8. Once the process is complete, this critical data is then used to verify time and temperature requirements, as well as uniformity. This information can be saved to the Titan S8 or offloaded to a USB to satisfy recordkeeping tasks for quality system requirements.


Obtaining this data not only satisfies requirements but provides validation that the heat source and airflow pattern are properly operating, ensuring consistent surface finish, finish thickness, color and seal quality.

For more information about how the Titan S8 can help simplify your industrial application, call us at (603) 456-2011 or email info@madgetech.com.

For more information on the Titan S8 or to find the right data logging solution for your needs:

 madgetech.com

 info@madgetech.com

 (603) 456-2011

