

INFRASTRUCTURE NEEDS ANALYSIS REVITALIZES LOAD CELL  
PRODUCTION FLOW LINE

**ABOUT EMERY WINSLOW SCALE CO.** Emery Winslow Scale Company is a leader in the design, development, and manufacture of load cells, scales, and weighing systems and have been in business for 151 years. Their exclusive Hydrostatic™ load cell technology allows the company to provide scales with both superior reliability and performance in the harshest environments, at the lowest cost of ownership. Applications meet the requirements of a multitude of industries ranging from pharmaceuticals, food and chemical to transportation, waste and scrap. Emery Winslow's wide range of scale products include tank and hopper scales, floor scales, bench scales, truck scales, and railroad track scales.

**THE CHALLENGE.** Emery Winslow was interested in consolidating resources from a separate location into their Seymour, Connecticut, facility where they would bring in load cell material to assemble, test, pack, and ship. Before making such a move, they needed to define the requirements of the move and consolidation. As part of Emery Winslow's planned consolidation, they were looking to evaluate a viable "mixed model" production flow line capable of high and low volumes for their scales and load cell products and generate additional output.

**MEP CENTER'S ROLE.** Emery Winslow leadership discussed their stated goals and intentions with CONNSTEP, part of the MEP National Network™, who recommended a two-phased approach. Phase 1 involved planning, defining flow line and developing a timeline of action items to help determine if the company would move forward with the consolidation. This included outlining improvements to make, refining processes, comparing current state to how to run future state, and a comprehensive plant layout. Scaled drawings of production floor plans were created as well as an inventory management process, WIP and a finished goods storage plan. Phase 2 involved working with contractors and making adjustments to the final plant equipment layout and floor space. CONNSTEP also assisted and trained the Emery Winslow workforce on the mixed model production flow line the company was seeking to implement by defining workstation logistics and working with them to compile a list of equipment, tools and fixtures for each of the workstations within the flow line. Emery Winslow's fully operational flow line met their goal of providing high and low volume production of their scales and load cell products and have doubled their output since the consolidation. Workstations are compliant with the production velocities and processes required to meet demand and position the company to handle future growth. The company continues to meet customer demand and is poised for business growth.

"Our whole concept improved with the help of CONNSTEP. We're well positioned to expand and grow into new markets. This project eliminated any bottlenecks and set us up on the right course."

-Dave Kelly, Vice President, Operations

## RESULTS



9 new or retained jobs



\$150,000 in cost savings



\$150,000 in new investment



\$110,000 investment in software systems

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