

BALANCING PRODUCTIVITY AND PROGRESS: SWEMCO'S CERTIFICATION TRIUMPH

ABOUT SWEMCO. Founded in 1965, SWEMCO has grown from a small family business into a leading electronics manufacturing service provider, all while staying true to its roots. Headquartered in Moorestown, New Jersey, SWEMCO specializes in high-complexity electronic assemblies for industries like defense, aerospace, and telecommunications.

THE CHALLENGE. For SWEMCO, maintaining its competitive edge in the fast-paced electronics manufacturing industry required constant adaptation and improvement. Certifications were critical—not just as a badge of compliance but as a way to ensure their workforce had the skills needed to meet the rigorous demands of their clients in the aerospace, defense, medical device, and telecommunication sectors. In SWEMCO's case, achieving and maintaining certifications like AS 9100 (aerospace manufacturing certification) and ISO 13485 (medical device manufacturing certification) was critical to their success. Maintaining these certifications is crucial for meeting industry requirements. Employees on the production floor must also be aligned with their stringent quality protocols. Without a proper strategy in place and an accommodating partner, the risk of inefficiencies, employee burnout, or missed opportunities loomed. SWEMCO needed a solution.

MEP CENTER'S ROLE. To help navigate the complexities of certification while maintaining productivity, SWEMCO turned to NJMEP, part of the MEP National Network™, to provide a tailored solution that prioritized flexibility and efficiency. Recognizing the need to minimize disruptions on the production floor, NJMEP worked closely with SWEMCO to create a structured training program that aligned with their operational schedule. NJMEP provided a total of 144 hours of training over 18 days. Training included Principles of Lean Manufacturing, critical training that upskilled employees on the standards involved in the IPC-610 certification as well as training on IPC-J-STD-001 standards. The organization was supported throughout its IPC-J-STD-001 and IPC-610 recertification. Beyond these certifications, SWEMCO brought NJMEP in to provide First Aid/CPR and Fire Extinguisher/Firefighting training to improve employee safety and security. NJMEP's proactive guidance ensured SWEMCO could juggle both certification and production priorities without compromise, positioning the company for sustained growth in aerospace, medical, and other high-stakes industries.

"Working with the different training resources we get from [NJMEP], we've been able to work with one of your representatives for proper scheduling; from planning it throughout the year, setting a complete schedule, and getting our team trained up."

-Jacob Brickley, Continuous Improvement Manager

RESULTS



40 jobs created or retained



\$19,000,000 in new or retained sales



\$450,000 in new investment



\$60,000 in cost savings

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