



MEP
National
Network



KY MANUFACTURING
EXTENSION PARTNERSHIP

Success Story: Bendix - Six Sigma Green Belt Certification



COMPANY PROFILE

Bendix Commercial Vehicle Systems is headquartered in Avon, Ohio, with a plant in Bowling Green, KY. Bendix CVS designs, develops, and supplies leading-edge active safety technologies, energy management solutions, air brake charging, and control systems for medium-duty and heavy-duty trucks, tractors, trailers, and buses. Employing more than 4,100 people, Bendix is driven to create the best solutions for improved vehicle safety, performance, and overall operating cost.

SITUATION

During FY 2021, the use of coolant in the Bowling Green plant was higher than expected. CNC machines ran 2-3 times over their specified concentration levels, thus reducing tool life and machine life, and over using coolant. Coolant concentrations were not properly handled.

KY-MEP's SOLUTION

Bendix selected this problem as the focal point while attending the KY-MEP Six Sigma Green Belt certification workshop. The chemical management system was reviewed, resulting in looking for a new vendor for coolants and reduce concentration levels in machinery. Three possible solutions were considered, (1) Switch suppliers to a lower cost and more effective coolant, (2) manage chemicals in-house instead of a 3rd party, and (3) train operators to properly make up coolant to the specific range.

"We've seen a major cost savings of over \$23,000/month. The tools that are taught can apply to almost any process."

-Tyler Roland, Ecoat Engineer, Bendix Spicer Brake, LLC

RESULTS

Cost Saving

Machine and tool
life increased

\$367,469

Annual Savings
on coolant costs

16
Employees
trained on
specific range of
coolants for each
machine

Kentucky MEP provides high-value solutions, helping businesses maximize their success by increasing profits, reducing costs, and helping leaders lead people to manage processes.

Industry Leaders, Leading Industry

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KY-MEP can have success with your team, too. Call us today!