

## MRC HELPS PIRAMAL CRITICAL CARE LEADERS TO IMPROVE OPERATIONAL EFFICIENCY AND INCREASE PRODUCTION CAPACITY

**ABOUT PIRAMAL CRITICAL CARE INC.** Piramal Critical Care is a Bethlehem, Pennsylvania-based business unit of Piramal Pharma, the world's third-largest producer of inhaled anesthetics and a primary player in hospital generics. The company is committed to delivering critical care solutions for patients and healthcare providers across the globe.

**THE CHALLENGE.** Piramal Critical Care embarked on its Lean/operational excellence journey in 2012, seeking to increase the efficiency of its production lines in order to reduce operating costs and conserve critical manufacturing space.

**MEP CENTER'S ROLE.** The company partnered with MRC to pursue Lean Master certification, participate in the MLI program, and engaged MRC for Supervisor, Lean Culture, and Six Sigma training.

"The Lean and Six Sigma programs opened an opportunity to provide enhanced training for several team members who lead the operational excellence initiatives at our site," says Keith Zimpfer, Piramal's Vice President - Site Operations. "In particular, they have learned to create process maps and control charts, and to perform statistical analysis for different types of process optimization."

"The MLI course is a very good leadership training course," he adds. "One of our team members initially attended to evaluate it, and we have since sent six others from our leadership team. Their involvement in MLI has led to the grooming of up-and-coming leaders in all aspects of strategic leadership; specifically, in the areas of leveraging human capital, organizational culture, change management, and operational decision making."

**"The variety and quality of MRC training programs is substantial. We have benefited as a result of sending more than 15 people to various sessions during the past 5 years."**

-Keith A. Zimpfer, Vice President – Site Operations

## RESULTS



Lean, MLI & Supervisor training resulted in operational savings of more than **\$100,000**



Training resulted in improvements in safety, GMP, and productivity enhancements



Increased output of production lines. Avoided need for space expansion



Combined training resulted in a Lean Culture of Continuous Improvement



Training groomed newer managers for strategic leadership and leveraging human capital.

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