Wichita State University
Department of Industrial, Systems, and Manufacturing Engineering
ISME Colloquium Presentation

Thomas Jones
MSIE Student

Title: Continuous Improvement Efforts Targeting Quality Defects
Date: 10/12/18
Time: 1:00 pm – 2:00 pm
Location: Clinton Hall, 214

Abstract

Viega LLC manufactures plumbing systems designed for ease of use. To achieve ease of use with their metal fitting systems, they utilize press connection technology as it is easier to install than threaded connections or welded connections. A press connected metal fitting must be able to compete with welded connections on the market, so quality is critical. In one of Viega's manufacturing areas, quality defects occur at rates of approximately three times their goal, resulting in excessive rework and scrap. They have undertaken projects over the last several months focused on reducing defective units and have achieved a reduction of 81% defects in one functional area. Their next steps moving forward include turning their focus to the other functional area which is producing large amounts of defective units.

Speaker Biography

Tom is a current MSIE student at Wichita State University. He is both a Certified Quality Engineer and a Certified Six Sigma Green Belt through ASQ and currently works full time as a Quality Engineer at Viega LLC. His job includes managing quality metrics and improvments as well as new product introduction. Currently he is interested in pursuing a Six Sigma Black Belt project and is planning to continue on to a PhD in Industrial Engineering after his Masters. He completed his Bachelor's Degree in Industrial Engineering at Wichita State as well in 2015.