

Reyco Granning Inventory Scrap

This project addresses the inventory scrap at Reyco Granning LLC. Reyco Granning is based in Mount Vernon, Missouri where they create suspensions for trucks, motorhomes, and buses. In 2018, Reyco Granning accumulated roughly a total of \$9,000 in inventory raw material scrap of tubing, round bar stock, and flat bar stock. By the end of the project our objective is to reduce the inventory scrap cost by 50%, making it a savings of \$4,500. We are using the Six Sigma DMAIC model as our problem-solving methodology. We will follow the DMAIC model through the first four phases: Define, measure, analyze, and improve. The define phase of our project was focused on understanding the problem and the current process, creating a strong support team, learning about the people that have interests and those that will be affected by the changes made at the end of the project. The measure phase focuses on collected data from where/how the inventory was being delivered and the stations where they're used. The analyze phase of our project will focus on analyzing the data that was collected and by using statistical tools to find the root cause(s).