

## *IMproving Processes Alleviating Cost*

### **Krauth Electric Machine Shop**

Krauth Electric's Machine Shop has been expanding its capabilities and wanted to maximize its efficiency. Kaizen is all about improvement! There were four main goals for this Kaizen event: 1) Remove unneeded equipment and accessories; 2) Move the Servo equipment and cabinet from the machine shop to its own location; 3) Strategically locate the IRD balancer; and, lastly: 4) Create a more streamlined feel to the machine shop.

#### **The Team and Their Roles**

This Kaizen event was a collaboration between Krauth Electric and IRD associates: **Mike Dowdy, Brandon Rouse, Josh Winbun, Bryan Studer, John Williams and Daryl Stout.**

Since this was **Mike's** first time leading a Kaizen event, he sought the assistance of our Lean Master, **Daryl Stout**, for guidance. Daryl was primarily involved with helping Mike plan meetings and formulating the plans to accomplish tasks. As team leader, **Mike** coordinated tasks, helped with planning and determined the goals for the event. He also ordered the materials needed.

**John 'Eagle Eye' Williams** was asked to participate in this event to give an outside perspective on the KEC machine shop. Since John does not work in KEC's machine shop, he was able to give input about what works in a different environment and how that may translate to the KEC shop.



**Before Kaizen Event**

**Brandon Rouse** had the vision of the placement of equipment for the shop. Brandon was able to identify the equipment that needed to be moved out of the

shop and what equipment needed to stay to complete the KEC machining tasks.

**Bryan Studer** was the 'electric man'. He performed all the electric work necessary to complete the event.

Finally, **Josh Winbun** was the muscle of the group. Josh was recently hired when this event took place, so he was able to provide some input on location of equipment for better flow. He also was able to move all the equipment to its newly designated space.

The KEC machine shop was crowded with unneeded equipment, the flow of the shop wasn't at its best, and its organization needed improving.



**After Kaizen Event**

#### **After**

The KEC machine shop now is more spacious and more organized; there is a flow to the placement of the equipment.

The servo equipment cabinet now has its own location rather than being in the machine shop. The IRD balancer is now located in the machine shop, instead of being farther from the machining processes.

There is a more streamlined feel to the machine shop. Everything is vertical instead of a mix of vertical and horizontal, which has opened up more space allowing for another forklift lane.

Congratulations to the team for helping to better showcase KEC's machine shop capabilities and efficiencies!