Productivity & Throughput Improvement

Productivity Tools Reduce Downtime

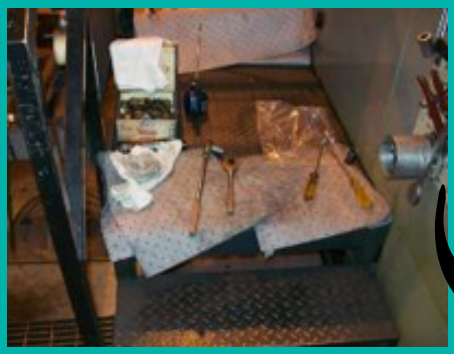
Client

Industrial Equipment Manufacturer

Objectives

- Reduce setup downtime for a machining cell
- Improve setup methods, tools and equipment
- Improve the mfg. cell safety and housekeeping
- Establish standard setup procedures

Organized tools eliminates time looking for tools



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By providing their knowledge, research, technology, and resources, Sandalwood supports its clients from the executive level to the factory floor so you can...

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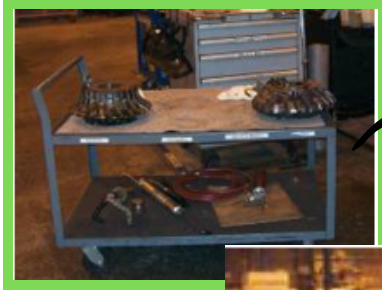
5S Organization

Project Description

Lean Six Sigma (LSS) tools were used to significantly reduce machine setup time at a major Industrial Equipment Manufacturer. A Cross functional team, including Sandalwood personnel, documented the current process with video and hard copy form to breakdown all work elements for review. Walk or "Spaghetti" charts were used to establish baseline Walk time. Setup equipment was evaluated for efficiency and ease of use. Sequence and method were also reviewed for potential improvements.

Methods

Simplified cutter wheel storage reduces handling time



Equipment

Right height & extended table eliminates use of stairs during setup

Results

- Overall Mechanical Setup time reduced 46% (1.25 to .67 Hours)
- Layout & methods improvements reduced walk time 48% (1,042 to 545 feet)
- New electric tools & setup equipment improved methods and time
- Organization and Housekeeping 5S score improved by 250%
- Health & Safety concerns reduced 40%
- Written standardized setup procedures were developed and implemented
- Similar results were seen on other Machining Cell Kaizens

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