

Synopsis of Ergonomics Project

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Abstract

Ducommun currently has no system in place for identifying and addressing ergonomic issues in their current processes. In order to define and address these needs we need to evaluate the processes in place and determine where problem areas exist. By identifying the problem areas, we will be able to focus on said areas and provide recommendations for how to change the processes in order to create safer working environments for the employees.

Introduction

Ergonomics is a science associated with the efficiency and safety of movement of an operator. The main purpose of it is to decrease the amount of movement necessary to do a task and to do that task as safely as possible. Ergonomics is a very useful tool that can be used by any company. While there are many benefits associated with it, such as improved morale, quality, and efficiency, it is hard to evaluate the financial benefits gained from such a program. Any accurate portrayal of such would take a lot of data and time to see how it affects the employees over a long period of time. In order to have such an accurate portrayal, an ergonomics program should be in place that would document the ergonomic burden score associated with certain tasks and steps taken to reduce said ergonomic burden.