



ABSTRACT

Name of Institution : Sagrex Corporation
Address : Welborne Industrial Park GMA Highway, Bancal, Carmona, Cavite
Title : Reduction of Required Time for Cutting Process Through Methods Simplification and Introduction of Tools
Author : Olive D. Poniente
Funding Source : Parents **Cost : Php 2,000**
Date Started : **Dat Finished :**
Objective of the Study :

General:

Efficient cutting operation for SL 36P

Specific:

- Reducing the time spent on cutting the SL 36P
- Development of productive motions of workers during cutting process

Scope and Coverage

The study focuses at cutting section wherein the SL 36P specification is being cut. The stated problem was based on the observation conducted dated January 15 to February 16 year 2001, performed by 2 workers. The product consists of ten pieces foam however the cabinet support and fan deck panel is not included since they are considered as excesses from other product

Methodology

The descriptive type of presentation for the study was used. Motion and Time study was adapted for the quantifying the problem. Likewise, this is the



method use for the development of the major recommendation. The tools used in the study consist of charts, tables and stopwatch for data gathering.

Major Findings

The study shows the major factors affecting the time spent for the cutting process.

These are the methods, setup tools and the lay-out that require sufficient time for the completion.

Conclusion

Base on the findings, the study was further evaluate and concluded that the recommendation must focus on the three major factors affecting the problem.

Recommendation

The author recommends the simplification of method and introduction of tools that will give improvement on the existing method and the setup time.